

HP 3000 900 Series Business Systems and Servers

Ordering Guide

Effective: June 1993

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INSIDE

- New high-end systems
- New disk arrays
- New high-end printers
- New networking bundle
- New software product

The HP 3000 900 Series Business Systems and Servers Ordering Guide is published as a reference guide. The information in this document is subject to change without advance notice and should not be construed as a commitment by Hewlett-Packard. Hewlett-Packard assumes no responsibility for any errors that may appear in this ordering guide. For verification of the current prices or to obtain a firm quotation, contact your HP Sales Representative.

About this Document

This price guide is designed to help you quickly and easily find and use pricing information on the HP 3000 900 Series business systems and servers. It is organized into sections containing information on hardware, operating systems, software capabilities, peripherals and support services.

NOTE: For complete configuration information, please refer to the following publication: HP 3000 900 Series Configuration Guide, Pub. No. 5091-7438E, available in July 1993.

Featured in this Guide

- More competitive prices for the Series 9x7 and Corporate Business Systems
- New reduced prices for Corporate Business System memory
- New! High-end and mid-range systems - 987RX, 987/150RX and 987/150SX
- How to Order Field Upgrades for the Series 9x7 Family and path summary, page 59

NOTE: Customers may realize substantial savings when purchasing both IMAGE/SQL and ALLBASE/SQL databases up-front with the system purchase (as an option to the 99x system or via 9x7 menus).

Peripherals

New! Disk arrays with capacities up to 8 Gbytes:

- 4.0 Gbyte High Availability HP-FL Disk Array (C2259HA)
- 4.0 Gbyte HP-FL Disk Array (C2258B)
- 8.0 Gbyte High Availability HP-FL Disk Array (C2259HA)
- 8.0 Gbyte HP-FL Disk Array (C2259B)

DAT capacity increases to 8 Gbytes:

- DAT-DC Tape up to 8 Gbyte (C2478R, C2478U, C1521B)

Now also available on the HP 3000:

- 1.0 Gbyte SCSI Disk (C3022R/T)
- 600 Mbyte CD-ROM (C2476SZ, C2476R/F, A1999A)

New! High-end printers:

- HP 5000 Model F100/Turbo (C2753B, C2754B)
- HP 5000 Model F135/Turbo (C2776A, C2777A)
- HP 5000 Model F100XP/Turbo/wide print (C2272A, C2773A)
- HP 5000 Model F135XP/Turbo/wide print (C2755B, C2756B)

Networking

More competitive pricing:

- New! ARPA Services structured solution bundle (J2258A)
- Network Services (NS) (36920A)
- Netware for the HP 3000 (32020A)

Software

- New! SharePlex Facility/IX (B3482A)
- New Software Tiers, page 148
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System Support Options Program

The HP System Support Options program offers you and your customers basic hardware and software support for HP systems, peripherals and stand-alone software applications.

System Support Options improve the warranty response time, and give customers basic software support services.

Tailor-Made for Selling
System Support Options fit your sales process. If you quote and order HP products, you already know how to sell support options. Key program features include:

- Quoted and ordered as a product option
- One option gives you recommended hardware/software support
- CPL price represents the total cost for first year of support
- Options available for installation and network configuration
- Quota credit and commission on every sale

NOTE: Some products require special option numbers (A1809A, A1810A, A1811A, A1883A, A1884A and selected software products). Selection instructions and special tables are included.

System Support Options Availability

System Support Options represent a combination of hardware and software support for an HP product or an installation service. The following table illustrates the deliverables of each support option.

Option OS0	Option OS1	Option OS5
-- License to use software updates	-- License to use software updates	-- License to use software updates
-- Updates*	-- Updates*	-- Updates*
-- Electronic access	-- Electronic access	-- Electronic access
-- Next day on-site response	-- 4 hr. on-site response	-- 24 x 7 on-site response
Option OS2	Option OS3	Option OS6
-- Telephone support	-- Telephone support	-- Telephone support
-- License to use software updates	-- License to use software updates	-- License to use software updates
-- Updates*	-- Updates*	-- Updates*
-- Electronic access	-- Electronic access	-- Electronic access
-- Next day on-site response	-- 4 hr. on-site response	-- 24 x 7 on-site response
* Includes one copy of media and documentation updates for each media and doc. product ordered.		
Option OS4		
-- Installation and network configuration for customer installable products		
Option OSZ		
-- Network configuration for HP installed products		

Electronic Support Bundled with the HP 3000

To beat the competition's claim of "zero-dollar" or "low-cost" software support, HP now provides free electronic support on each new HP 3000 system purchase. This includes HP SupportLine, HP's on-line technical database. Also, the price of per-incident HP PowerPatch tapes (P/N 50757A) has been reduced by 75 percent to a nominal charge of \$100 to make it easier for customers to keep their systems up to date with the latest software patches and fixes. For more details, contact the Sales Response Center Support Line.

The combination of free electronic access to HP SupportLine and drastically reduced HP PowerPatch prices allows cost-conscious customers to receive low-cost support at the initial installation of their systems, resulting in competitive system cost of ownership pricing versus the AS/400 for small configurations. For larger configurations requiring more than "basic" level support, customers should purchase an HP support contract that includes software phone-in assistance, software updates, or on-site assistance.

Support Options Features



Feature	Delivery Specifications												
Warranty upgrade	Support services are added to the product warranty to provide either next-day, 4-hour or 24 x 7 on-site response for hardware problems.												
	<table><tr><th></th><th>Next Day</th><th>4 Hour</th><th>24 x 7</th></tr><tr><td>Coverage Hours</td><td>8 am--5 pm Mon-Fri</td><td>8 am--9 pm* Mon-Fri</td><td>24 hours 7 days per week</td></tr><tr><td>Response Time</td><td>Next</td><td>Best response; not to exceed 4 hours</td><td>Best response; not to exceed 4 hours</td></tr></table>		Next Day	4 Hour	24 x 7	Coverage Hours	8 am--5 pm Mon-Fri	8 am--9 pm* Mon-Fri	24 hours 7 days per week	Response Time	Next	Best response; not to exceed 4 hours	Best response; not to exceed 4 hours
	Next Day	4 Hour	24 x 7										
Coverage Hours	8 am--5 pm Mon-Fri	8 am--9 pm* Mon-Fri	24 hours 7 days per week										
Response Time	Next	Best response; not to exceed 4 hours	Best response; not to exceed 4 hours										
	* If service is requested before 5:00 pm, an HP engineer will respond on-site within 4 hours, if an on-site call is necessary.												
On-site repair	An HP engineer travels to the customer site and provides all labor, parts and materials necessary to maintain hardware products in good operating condition. Product malfunctions and failures are diagnosed and corrected.												
Telephone support	Unlimited, toll free access to the HP Response Center is provided for authorized callers. Response is immediate for critical calls and within 2 hours for all calls.												
License to use software updates	Customer can use and copy updates to HP software on each system covered by HP System Support Options.												
Updates	As HP releases updates to HP software, the latest revisions of the software and reference manuals are made available to the system manager. HP provides one copy of media and documentation updates for each media and documentation product ordered with HP System Support Options.												
Electronic access	HP SupportLine provides electronic access to a database of current product and support information. Includes new product information, software status bulletins, engineering and application notes, etc. HP SupportLine can also be used to submit Response Center calls.												
Installation/network configuration	Option OS4 provides installation and network configuration for products whose purchase price does not include installation. Option OS2 provides network configuration for products whose purchase price includes installation.												

Selecting the Appropriate Option

Select HP System Support Options based on your knowledge of the customer's support needs. Follow these basic steps:

1. Select the customer's hardware, software and peripherals.
2. Determine the customer's support needs.
3. Select the applicable Support Options to meet the support needs.

HP System Support Options are available for systems, associated peripherals and stand-alone software.

Systems

To select the appropriate option, follow these steps:

1. Determine the customer's desired response time for repairs (next-day, 4 hour or 24 x 7).
2. Determine whether the customer has an existing response center caller set up who will be calling for support of the system being purchased.

If NO, select Opt. OS2, OS3, or OS6.

If YES, select Opt. OS0, OS1, or OS5.

Peripherals

For System peripherals, select the option that provides the desired response time for repairs (next-day, 4 hour or 24 x 7). In general, select the same option as you chose for the system.

Stand-Alone Software Applications

For stand-alone software applications, select options as follows:

Select Opt. OS2, OS3 or OS6 for the first copy of the application.

Select Opt. OS0, OS1 or OS5 for additional copies.

How to Order

The HP 3000 9x7 family of systems can be ordered via menus based on user license and processor performance. In the past, these products were structured around a product number with a long string

of possible options. The new menus are constructed using a structured solution bundle (SSP) as the main product number with system components included within the bundle as separate products. The benefit to you will be

reflected in future niche-specific product offerings as well as a quicker integration of new technologies within existing product bundles. Illustrated below is an actual menu for the Series 947 with descriptions describing the major sections.

Product No.	Opt. No.	Product Description	Price
A1708C		HP 3000 Series 947LX/RX/SX SPU consists of: Integrated chassis with power supply, and battery back-up One Multi-function I/O card containing: One SCSI Interface for up to seven devices, two RS-232-C ports for console and remote support, 802.3 LAN connection, ThinLAN Transceiver with integrated AUI cable, and 802.3 LAN cable (2 meters) One blank 90 meter DDS cartridge tape and one DDS cleaning tape System documentation Pre-installation of I/O cards, integrated disk, and memory Standard memory (64MB), standard disk (1 GB), standard DDS tape drive, standard console, and optional add-ons are ordered below 1. Select SPU with MPE/IX FDS, IMAGE/SQL, and/or ALLBASE/SQL* Must order one (1) SPU with applicable user license Software is provided with a Class/Concurrent License to Use on this system for the number of users selected below. SPU with MPE/IX FDS, IMAGE/SQL, and ALLBASE/SQL a. ☐ 100 user license b. ☐ 180 user license c. ☐ 256 user license d. ☐ Unlimited user license SPU with MPE/IX FDS and IMAGE/SQL e. ☐ 100 user license f. ☐ 180 user license g. ☐ 256 user license h. ☐ Unlimited user license SPU with MPE/IX FDS and ALLBASE/SQL i. ☐ 100 user license j. ☐ 180 user license k. ☐ 256 user license l. ☐ Unlimited user license SPU with MPE/IX FDS Only m. ☐ 100 user license n. ☐ 180 user license o. ☐ 256 user license p. ☐ Unlimited user license 2. Select Chassis - Must order one (1)* a. ☐ Standard 947LX - 2-slot chassis with factory integration b. ☐ 947RX - 4-slot chassis with factory integration c. ☐ 947SX - 12-slot chassis with factory integration 3. Select MPE/IX media product options* a. ☒ HP 3000 MPE/IX Media Product (FDS tape & manuals) b. ☐ Digital Data Storage (DDS) media c. ☐ 1600 BPI tape media d. ☐ 6250 BPI tape media e. ☐ English language version f. ☐ German language version - Europe only g. ☐ Delete manuals h. ☐ Loaded FDS and SUBSYS on disk - Must order with 3b. i. ☐ MPE/IX latest platform release j. ☐ MPE/IX Release 4.0 k. ☐ MPE/IX Release 4.5 l. ☐ Series 9x7LX Preconfigured (IMAGE/SQL & ALLBASE/SQL) m. ☐ Series 9x7LX IMAGE/SQL only n. ☐ Series 9x7LX ALLBASE/SQL only o. ☐ Series 9x7LX MPE/IX only	
A2386A	#UBD #UCN #UAD #UAT		
A2386A	#UBD #UCN #UAD #UAT		
A2390A	#UBD #UCN #UAD #UAT		
A2391A	#UBD #UCN #UAD #UAT		
A2418A A2419A A2420A			
51453B	#AAH #AA1 #AA2 #ABA #ABD #ABO #OD1 #Z00 #Z40 #Z45 #B12 #B12 #B02 #B02		

The menu name and product number (SSP bundle) is listed as well as the major components provided in a standard configuration.

Appropriate user license and database products are selected in this section.

Each menu enables the customer to select I/O and internal peripheral expandability. This menu provides all possible options:
 947LX - Chassis with two I/O slots
 947RX - Expanded chassis with four I/O slots and room for additional disk
 947SX - Expanded chassis with twelve I/O slots and room for additional disk

The MPE/IX Media Product section is identical to the product that was provided with the initial introduction of the 9x7 family except the options that are not applicable to each specific menu have been removed.

* Select a System Support Option. Refer to Table 1 on page 49.

The shaded column is used by order processing personnel to correctly enter each order.

Please refer to the page indicated to order System Support.

Product No.	Opt. No.	Product Description	Price
3. Select MPE/IX media product options (cont'd)			
	#610	a. [] Series 937RX/SX and 947RX/SX Preconfigured (IMAGE/SQL & ALLBASE/SQL)	
	#610	p. [] Series 937RX/SX and 947RX/SX IMAGE/SQL only	
	#600	q. [] Series 937RX/SX and 947RX/SX ALLBASE/SQL only	
	#600	r. [] Series 937RX/SX and 947RX/SX MPE/IX only	
4. Optional - Select rack mount kit - May order one (1) if A1883A or A1884A is ordered on the same order/section*			
C2797AZ		a. [] Rack mount kit to install 947LX in factory integrated cabinet	
C2796AZ		b. [] Rack mount kit to install 947RX/SX in factory integrated cabinet	
5. Optional - Select Floating Point coprocessor - May order one (1)*			
A2293A	#001	a. [] Floating point coprocessor	
6. Select base memory - Must order one (1)*			
A2511AZ	#00S	a. [] Standard 94MB memory module	
A2516AZ	#00V	b. [] Replace standard memory with 128MB module	
7. Optional - Additional memory - May order a total of five (5) modules Total memory (base + additional) on 947LX may not exceed 152MB and 947RX/SX may not exceed 304MB*			
A2231AZ	#002	a. [] 16MB memory module	Quantity []
A2232AZ	#002	b. [] 32MB memory module	Quantity []
A2511AZ	#002	c. [] 64MB memory module	Quantity []
A2516AZ	#002	d. [] 128MB memory module	Quantity []
8. Select base disk - Must order one (1)*			
A2445A	#00S	a. [] Standard 1.0GB disk drive (half-height)	
A2446A	#00U	b. [] Replace standard with 2.0GB disk drive (full-height)	
9. Optional - Select additional internal disk for 947RX/SX systems only Maximum 3 half-height devices supported internally - Includes DDS, Disk, and CD-ROM*			
A2445A	#00Z	a. [] 1.0GB disk drive (half-height) - May order if 8a. is ordered above	
A2446A	#00Z	b. [] 2.0GB disk drive (full-height) - May order up to two (2)	Quantity []
10. Pre-Selected back-up storage device*			
C2477SZ	#00S	a. [X] Standard 2.0 DDS DAT tape drive (half-height)	
11. Optional - Select additional storage device for 947RX/SX systems only*			
C2478SZ	#00Z	a. [] CD-ROM drive (half-height)	
12. Select Standard console - May order a total of one (1)* Order appropriate keyboard localization option			
C1064AZ	#	a. [] 700/96 terminal with amber screen	
C1064GZ	#	b. [] 700/96 terminal with green screen	
C1064WZ	#	c. [] 700/96 terminal with white screen	
13. Optional - Select I/O expansion* Cards ordered cannot exceed number of slots in selected chassis PBA-IB maximum of two (2) - PB-FL maximum of four (4) Combined PBA-IB and PB-FL maximum of three (3)			
A1747A	#00Z	a. [] PBA-IB - Chan-span/HP-IB device adapter - 2 slots per card	Quantity []
28615A	#00Z	b. [] PB-FL - HP-FL device adapter - 2 slots per card	Quantity []
28642A	#00Z	c. [] SCSI 2 device adapter (NID SCSI) - 1 slot per card	Quantity []
Refer to Page 55 of the HP 3000 Ordering Guide for Hardware Return Credits Good Toward the Purchase of a New HP 3000 Series 900 System			
14. Optional - Select terminals - May order minimum of 20 up to maximum of 64 units with Menu and Terminal Promotion discounts. Order appropriate keyboard localization option*			
C1064A	#	a. [] 700/96 terminal with amber screen	Quantity []
C1064G	#	b. [] 700/96 terminal with green screen	Quantity []
C1064W	#	c. [] 700/96 terminal with white screen	Quantity []
C1064W	#	d. [] 700/96ES terminal with white screen	Quantity []

The Rack Mount Kit may only be ordered if A1883A or A1884A is booked in the same order/section. The system will be factory racked in the cabinet that was ordered.

Memory is ordered in base and add-on sections to fill the system's memory slots in an efficient manner. Higher density memory boards will free up additional memory slots for future expansion needs.

Base and add-on disk is ordered in a similar manner as memory.

The standard 2.0 GB DDS DAT tape drive is automatically ordered at no extra charge.

A CD-ROM drive may be ordered on 9x7RX/SX systems only.

A choice between an amber, green or white screen is now provided for the system console.

I/O products currently installable at the factory. See HP 3000 Configuration Guide for possible power restrictions.

Return credits are now provided by ordering a separate return credit product found on the page indicated.

Quantity discounts on terminals are provided as indicated. Additional terminals must be ordered separately.

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers

Product No.	Opt. No.	Product Description	Price
A1770B		HP 3000 Series 917LX SPU consists of: Integrated chassis with power supply, and battery back-up One Multi-function I/O card containing: One SCSI interface for up to seven devices, two RS-232-C ports for console and remote support, 802.3 LAN connection, ThinLAN Transceiver with integrated AUI cable, and 802.3 LAN cable (2 meters) One blank 90 meter DDS cartridge tape and one DDS cleaning tape System documentation Pre-installation of I/O cards, integrated disk, and memory Standard memory (32MB), standard disk (1 GB), standard DDS tape drive, standard console, and optional add-ons are ordered below	
A2376A	#UA3	1. Select SPU with MPE/iX FOS, IMAGE/SQL, and/or ALLBASE/SQL Must order one (1) SPU with applicable user license* Software is provided with a Class/Concurrent License to Use on this system for 1-8 users. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL a. ☐ 8 user license	
A2377A	#UA3	SPU with MPE/iX FOS and IMAGE/SQL b. ☐ 8 user license	
A2378A	#UA3	SPU with MPE/iX FOS and ALLBASE/SQL c. ☐ 8 user license	
A2379A	#UA3	SPU with MPE/iX FOS Only d. ☐ 8 user license	
A2413A		2. Pre-Selected Chassis* a. ☒ Standard 917LX - 2-slot chassis with factory integration	
51453B	#AAH #AA1 #AA2 #ABA #ABD #0B0 #0D1 #200 #240 #245 #812 #912 #802 #902	3. Select MPE/iX media product options* a. ☒ HP 3000 MPE/iX Media Product (FOS tape & manuals) b. ☐ Digital Data Storage (DDS) media c. ☐ 1600 BPI tape media d. ☐ 6250 BPI tape media e. ☐ English language version f. ☐ German language version - Europe only g. ☐ Delete manuals h. ☐ Loaded FOS and SUBSYS on disk - Must order with 3b. i. ☐ MPE/iX latest platform release j. ☐ MPE/iX Release 4.0 k. ☐ MPE/iX Release 4.5 l. ☐ Series 9x7LX Preconfigured (IMAGE/SQL & ALLBASE/SQL) m. ☐ Series 9x7LX IMAGE/SQL only n. ☐ Series 9x7LX ALLBASE/SQL only o. ☐ Series 9x7LX MPE/iX only	
C2797AZ		4. Optional - Select rack mount kit - May order one (1) if A1883A or A1884A is ordered on the same order/section* a. ☐ Rack mount kit to install 917LX in factory integrated cabinet	
A2293A	#0DT	5. Optional - Select Floating Point coprocessor - May order one (1)* a. ☐ Floating point coprocessor	

917LX includes installation only. Warranty Code = 5H.

NOTE: All installation and site preparation are associated with chassis products.

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
A2232AZ	#0DS	6. Select base memory - Must order one (1)*	
A2511AZ	#0DU	a. ☐ Standard 32MB memory module	
A2516AZ	#0DU	b. ☐ Replace standard memory with 64MB module	
		c. ☐ Replace standard memory with 128MB module	
A2231AZ	#0DZ	7. Optional - Additional memory - May order a total of five (5) modules Total memory (base + additional) on 917LX may not exceed 192MB*	
A2232AZ	#0DZ	a. ☐ 16MB memory module	Quantity ☐
A2511AZ	#0DZ	b. ☐ 32MB memory module	Quantity ☐
A2516AZ	#0DZ	c. ☐ 64MB memory module	Quantity ☐
		d. ☐ 128MB memory module	Quantity ☐
A2445A	#0DS	8. Select base disk - Must order one (1)*	
A2446A	#0DU	a. ☐ Standard 1.0GB disk drive (half-height)	
		b. ☐ Replace standard with 2.0GB disk drive (full-height)	
C2477SZ	#0DS	9. Pre-Selected back-up storage device*	
		a. ☒ Standard 2.0 GB DDS DAT tape drive (half-height)	
C2476SZ	#0DZ	10. Optional - Select additional storage device (combination PBA-IB and CD-ROM supported only with 1.0 Gb base disk)*	
		a. ☐ CD-ROM drive (half-height)	
C1064AZ	#	11. Select Standard console - May order a total of one (1)* Order appropriate keyboard localization option	
C1064GZ	#	a. ☐ 700/96 terminal with amber screen	
C1064WZ	#	b. ☐ 700/96 terminal with green screen	
		c. ☐ 700/96 terminal with white screen	
A1747A	#0DZ	12. Optional - Select I/O expansion* Cards ordered cannot exceed 2 slots	
28616A	#0DZ	a. ☐ PBA-IB - Chan-span/HP-IB device adapter - 2 slots per card	
28642A	#0DZ	b. ☐ PB-FL - HP-FL device adapter - 2 slots per card	
		c. ☐ SCSI 2 device adapter (NIO SCSI) - 1 slot per card	Quantity ☐
Refer to page 55 of the HP 3000 Ordering Guide for Hardware Return Credits Good Toward the Purchase of a New HP 3000 Series 900 System			
C1064A	#	13. Optional - Select terminals - May order minimum of 4 up to maximum of 8 units with Menu and Terminal Promotion discounts. Order appropriate keyboard localization option.*	
C1064G	#	a. ☐ 700/96 terminal with amber screen	Quantity ☐
C1064V	#	b. ☐ 700/96 terminal with green screen	Quantity ☐
C1084W	#	c. ☐ 700/96 terminal with white screen	Quantity ☐
		d. ☐ 700/96ES terminal with white screen	Quantity ☐

917LX includes installation only. Warranty Code = 5H.

NOTE: All installation and site preparation are associated with chassis products.

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
A1771C		HP 3000 Series 927LX SPU consists of: Integrated chassis with power supply, and battery back-up One Multi-function I/O card containing: One SCSI interface for up to seven devices, two RS-232-C ports for console and remote support, 802.3 LAN connection, ThinLAN Transceiver with integrated AUI cable, and 802.3 LAN cable (2 meters) One blank 90 meter DDS cartridge tape and one DDS cleaning tape System documentation Pre-installation of I/O cards, integrated disk, and memory Standard memory (32MB), standard disk (1 GB), standard DDS tape drive, standard console, and optional add-ons are ordered below	
		1. Select SPU with MPE/iX FOS, IMAGE/SQL, and/or ALLBASE/SQL* Must order one (1) SPU with applicable user license Software is provided with a Class/Concurrent License to Use on this system for 1-20 users. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL a. ☐ 20 user license SPU with MPE/iX FOS and IMAGE/SQL b. ☐ 20 user license SPU with MPE/iX FOS and ALLBASE/SQL c. ☐ 20 user license SPU with MPE/iX FOS Only d. ☐ 20 user license	
A2380A	#0AF		
A2381A	#0AF		
A2382A	#0AF		
A2383A	#0AF		
		2. Pre-Selected Chassis* a. ☒ Standard 927LX - 2-slot chassis with factory integration	
A2414A			
51453B		3. Select MPE/iX media product options* a. ☒ HP 3000 MPE/iX Media Product (FOS tape & manuals) b. ☐ Digital Data Storage (DDS) media c. ☐ 1600 BPI tape media d. ☐ 6250 BPI tape media e. ☐ English language version f. ☐ German language version - Europe only g. ☐ Delete manuals h. ☐ Loaded FOS and SUBSYS on disk - Must order with 3b. i. ☐ MPE/iX latest platform release j. ☐ MPE/iX Release 4.0 k. ☐ MPE/iX Release 4.5 l. ☐ Series 9x7LX Preconfigured (IMAGE/SQL & ALLBASE/SQL) m. ☐ Series 9x7LX IMAGE/SQL only n. ☐ Series 9x7LX ALLBASE/SQL only o. ☐ Series 9x7LX MPE/iX only	
	#AAH #AA1 #AA2 #ABA #ABD #0B0 #0D1 #200 #240 #245 #812 #912 #802 #902		
		4. Optional - Select rack mount kit - May order one (1) if A1883A or A1884A* is ordered on the same order/section a. ☐ Rack mount kit to install 927LX in factory integrated cabinet	
C2797AZ			
		5. Optional - Select Floating Point coprocessor - May order one (1)* a. ☐ Floating point coprocessor	
A2293A	#0DT		
		6. Select base memory - Must order one (1)* a. ☐ Standard 32MB memory module b. ☐ Replace standard memory with 64MB module c. ☐ Replace standard memory with 128MB module	
A2232AZ	#0DS		
A2511AZ	#0DU		
A2516AZ	#0DU		

927LX includes installation only. Warranty Code = 5H.

NOTE: All installation and site preparation are associated with chassis products.

*** Select a System Support Option. Refer to Table 1 on page 49.**

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
7. Optional - Additional memory - May order a total of five (5) modules Total memory (base + additional) on 927LX may not exceed 192MB*			
A2231AZ	#0DZ	a. ☐ 16MB memory module	Quantity []
A2232AZ	#0DZ	b. ☐ 32MB memory module	Quantity []
A2511AZ	#0DZ	c. ☐ 64MB memory module	Quantity []
A2516AZ	#0DZ	d. ☐ 128MB memory module	Quantity []
8. Select base disk - Must order one (1)*			
A2445A	#0DS	a. ☐ Standard 1.0GB disk drive (half-height)	
A2446A	#0DU	b. ☐ Replace standard with 2.0GB disk drive (full-height)	
9. Pre-Selected back-up storage device*			
C2477SZ	#0DS	a. ☒ Standard 2.0 GB DDS DAT tape drive (half-height)	
10. Optional - Select additional storage device (combination PBA-IB and CD-ROM supported only with 1.0 Gb base disk)*			
C2476SZ	#0DZ	a. ☐ CD-ROM drive (half-height)	
11. Select Standard console - May order a total of one (1)* Order appropriate keyboard localization option			
C1064AZ	#_____	a. ☐ 700/96 terminal with amber screen	
C1064GZ	#_____	b. ☐ 700/96 terminal with green screen	
C1064WZ	#_____	c. ☐ 700/96 terminal with white screen	
12. Optional - Select I/O expansion* Cards ordered cannot exceed 2 slots			
A1747A	#0DZ	a. ☐ PBA-IB - Chan-span/HP-IB device adapter - 2 slots per card	
28616A	#0DZ	b. ☐ PB-FL - HP-FL device adapter - 2 slots per card	
28642A	#0DZ	c. ☐ SCSI 2 device adapter (NIO SCSI) - 1 slot per card	Quantity []
Refer to page 55 of the HP 3000 Ordering Guide for Hardware Return Credits Good Toward the Purchase of a New HP 3000 Series 900 System			
13. Optional - Select terminals - May order minimum of 8 up to maximum of 20 units with Menu and Terminal Promotion discounts. Order appropriate keyboard localization option.*			
C1064A	#_____	a. ☐ 700/96 terminal with amber screen	Quantity []
C1064G	#_____	b. ☐ 700/96 terminal with green screen	Quantity []
C1064W	#_____	c. ☐ 700/96 terminal with white screen	Quantity []
C1084W	#_____	d. ☐ 700/96ES terminal with white screen	Quantity []

927LX includes installation only. Warranty Code = 5H.

NOTE: All installation and site preparation are associated with chassis products.

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
A1772B		HP 3000 Series 937LX/RX/SX SPU consists of: Integrated chassis with power supply, and battery back-up One Multi-function I/O card containing: One SCSI interface for up to seven devices, two RS-232-C ports for console and remote support, 802.3 LAN connection, ThinLAN Transceiver with integrated AUI cable, and 802.3 LAN cable (2 meters) One blank 90 meter DDS cartridge tape and one DDS cleaning tape System documentation Pre-installation of I/O cards, integrated disk, and memory Standard memory (32MB), standard disk (1 GB), standard DDS tape drive, standard console, and optional add-ons are ordered below	
A2384A	#UA7 #UCY #UA9	1. Select SPU with MPE/iX FOS, IMAGE/SQL, and/or ALLBASE/SQL* Must order one (1) SPU with applicable user license Software is provided with a Class/Concurrent License to Use on this system for the number of users selected below. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL a. ☐ 32 user license b. ☐ 40 user license c. ☐ 64 user license SPU with MPE/iX FOS and IMAGE/SQL d. ☐ 32 user license e. ☐ 40 user license f. ☐ 64 user license SPU with MPE/iX FOS and ALLBASE/SQL g. ☐ 32 user license h. ☐ 40 user license i. ☐ 64 user license SPU with MPE/iX FOS Only j. ☐ 32 user license k. ☐ 40 user license l. ☐ 64 user license	
A2385A	#UA7 #UCY #UA9		
A2386A	#UA7 #UCY #UA9		
A2387A	#UA7 #UCY #UA9		
A2415A A2416A A2417A		2. Select Chassis - Must order one (1)* a. ☐ Standard 937LX - 2-slot chassis with factory integration b. ☐ 937RX - 4-slot chassis with factory integration c. ☐ 937SX - 12-slot chassis with factory integration	
51453B	#AAH #AA1 #AA2 #ABA #ABD #0B0 #0D1 #200 #240 #245 #812 #912 #802 #902 #810 #910 #800 #900	3. Select MPE/iX media product options* a. ☐ HP 3000 MPE/iX Media Product (FOS tape & manuals) b. ☐ Digital Data Storage (DDS) media c. ☐ 1600 BPI tape media d. ☐ 6250 BPI tape media e. ☐ English language version f. ☐ German language version - Europe only g. ☐ Delete manuals h. ☐ Loaded FOS and SUBSYS on disk - Must order with 3b. i. ☐ MPE/iX latest platform release j. ☐ MPE/iX Release 4.0 k. ☐ MPE/iX Release 4.5 l. ☐ Series 9x7LX Preconfigured (IMAGE/SQL & ALLBASE/SQL) m. ☐ Series 9x7LX IMAGE/SQL only n. ☐ Series 9x7LX ALLBASE/SQL only o. ☐ Series 9x7LX MPE/iX only p. ☐ Series 937RX/SX and 947RX/SX Preconfigured (IMAGE/SQL & ALLBASE/SQL) q. ☐ Series 937RX/SX and 947RX/SX IMAGE/SQL only r. ☐ Series 937RX/SX and 947RX/SX ALLBASE/SQL only s. ☐ Series 937RX/SX and 947RX/SX MPE/iX only	

937LX includes installation only. Warranty Code = 5H. 937RX/SX includes installation and site preparation. Warranty Code = 5G.

NOTE: All installation and site preparation are associated with chassis products.

* **Select a System Support Option. Refer to Table 1 on page 49.**

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
C2797AZ C2798AZ		4. Optional - Select rack mount kit - May order one (1) if A1883A or A1884A is ordered on the same order/section* a. ☐ Rack mount kit to install 937LX in factory integrated cabinet b. ☐ Rack mount kit to install 937RX/SX in factory integrated cabinet	
A2293A	#0DT	5. Optional - Select Floating Point coprocessor - May order one (1)* a. ☐ Floating point coprocessor	
A2232AZ A2511AZ A2516AZ	#0DS #0DU #0DU	6. Select base memory - Must order one (1)* a. ☐ Standard 32MB memory module b. ☐ Replace standard memory with 64MB module c. ☐ Replace standard memory with 128MB module	
A2231AZ A2232AZ A2511AZ A2516AZ	#0DZ #0DZ #0DZ #0DZ	7. Optional - Additional memory - May order a total of five (5) modules Total memory (base + additional) on 937LX may not exceed 192MB and 937RX/SX may not exceed 384MB* a. ☐ 16MB memory module Quantity ☐ b. ☐ 32MB memory module Quantity ☐ c. ☐ 64MB memory module Quantity ☐ d. ☐ 128MB memory module Quantity ☐	
A2445A A2446A	#0DS #0DU	8. Select base disk - Must order one (1)* a. ☐ Standard 1.0GB disk drive (half-height) b. ☐ Replace standard with 2.0GB disk drive (full-height)	
A2445A A2446A	#0DZ #0DZ	9. Optional - Select additional internal disk for 937RX/SX systems only Maximum 3 half-height devices supported internally - Includes DDS, Disk, and CD-ROM* a. ☐ 1.0GB disk drive (half-height) - May order if 8a. is ordered above b. ☐ 2.0GB disk drive (full-height) - May order up to two (2) Quantity ☐	
C2477SZ	#0DS	10. Pre-Selected back-up storage device* a. ☒ Standard 2.0 DDS DAT tape drive (half-height)	
C2476SZ	#0DZ	11. Optional - Select additional storage device (for 9x7LX PBA-IB and CD-ROM supported only with 1.0 Gb base disk)* a. ☐ CD-ROM drive (half-height)	
C1064AZ C1064GZ C1064WZ	#____ #____ #____	12. Select Standard console - May order a total of one (1)* Order appropriate keyboard localization option a. ☐ 700/96 terminal with amber screen b. ☐ 700/96 terminal with green screen c. ☐ 700/96 terminal with white screen	
A1747A 28616A 28642A	#0DZ #0DZ #0DZ	13. Optional - Select I/O expansion* Cards ordered cannot exceed number of slots in selected chassis PBA-IB maximum of two (2) - PB-FL maximum of four (4) Combined PBA-IB and PB-FL maximum of three (3) a. ☐ PBA-IB - Chan-span/HP-IB device adapter - 2 slots per card Quantity ☐ b. ☐ PB-FL - HP-FL device adapter - 2 slots per card Quantity ☐ c. ☐ SCSI 2 device adapter (NIO SCSI) - 1 slot per card Quantity ☐	
Refer to page 55 of the HP 3000 Ordering Guide for Hardware Return Credits Good Toward the Purchase of a New HP 3000 Series 900 System			
C1064A C1064G C1064W C1084W	#____ #____ #____ #____	14. Optional - Select terminals - May order minimum of 16 up to maximum of 64 units with Menu and Terminal Promotion discounts. Order appropriate keyboard localization option* a. ☐ 700/96 terminal with amber screen Quantity ☐ b. ☐ 700/96 terminal with green screen Quantity ☐ c. ☐ 700/96 terminal with white screen Quantity ☐ d. ☐ 700/96ES terminal with white screen Quantity ☐	

937LX includes installation only. Warranty Code = 5H.

937RX/SX includes installation and site preparation. Warranty Code = 5G.

NOTE: All installation and site preparation are associated with chassis products.

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
A1708C		HP 3000 Series 947LX/RX/SX SPU consists of: Integrated chassis with power supply, and battery back-up One Multi-function I/O card containing: One SCSI interface for up to seven devices, two RS-232-C ports for console and remote support, 802.3 LAN connection, ThinLAN Transceiver with integrated AUI cable, and 802.3 LAN cable (2 meters) One blank 90 meter DDS cartridge tape and one DDS cleaning tape System documentation Pre-installation of I/O cards, integrated disk, and memory Standard memory (64MB), standard disk (1 GB), standard DDS tape drive, standard console, and optional add-ons are ordered below	
A2388A	#UBD #UCN #UAD #UAT	1. Select SPU with MPE/iX FOS, IMAGE/SQL, and/or ALLBASE/SQL* Must order one (1) SPU with applicable user license Software is provided with a Class/Concurrent License to Use on this system for the number of users selected below. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL a. ☐ 100 user license b. ☐ 160 user license c. ☐ 256 user license d. ☐ Unlimited user license SPU with MPE/iX FOS and IMAGE/SQL e. ☐ 100 user license f. ☐ 160 user license g. ☐ 256 user license h. ☐ Unlimited user license SPU with MPE/iX FOS and ALLBASE/SQL i. ☐ 100 user license j. ☐ 160 user license k. ☐ 256 user license l. ☐ Unlimited user license SPU with MPE/iX FOS Only m. ☐ 100 user license n. ☐ 160 user license o. ☐ 256 user license p. ☐ Unlimited user license	
A2389A	#UBD #UCN #UAD #UAT		
A2390A	#UBD #UCN #UAD #UAT		
A2391A	#UBD #UCN #UAD #UAT		
A2418A		2. Select Chassis - Must order one (1)*	
A2419A		a. ☐ Standard 947LX - 2-slot chassis with factory integration	
A2420A		b. ☐ 947RX - 4-slot chassis with factory integration	
		c. ☐ 947SX - 12-slot chassis with factory integration	
51453B	#AAH #AA1 #AA2 #ABA #ABD #0B0 #0D1 #200 #240 #245 #812 #912 #802 #902	3. Select MPE/iX media product options* a. ☐ HP 3000 MPE/iX Media Product (FOS tape & manuals) b. ☐ Digital Data Storage (DDS) media c. ☐ 1600 BPI tape media d. ☐ 6250 BPI tape media e. ☐ English language version f. ☐ German language version - Europe only g. ☐ Delete manuals h. ☐ Loaded FOS and SUBSYS on disk - Must order with 3b. i. ☐ MPE/iX latest platform release j. ☐ MPE/iX Release 4.0 k. ☐ MPE/iX Release 4.5 l. ☐ Series 9x7LX Preconfigured (IMAGE/SQL & ALLBASE/SQL) m. ☐ Series 9x7LX IMAGE/SQL only n. ☐ Series 9x7LX ALLBASE/SQL only o. ☐ Series 9x7LX MPE/iX only	

947LX includes installation only. Warranty Code = 5H. 947RX/SX includes installation and site preparation. Warranty Code = 5G.

NOTE: All installation and site preparation are associated with chassis products.

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
		3. Select MPE/iX media product options (cont'd)	
	#810	o. ☐ Series 937RX/\$X and 947RX/SX Preconfigured (IMAGE/SQL & ALLBASE/SQL)	
	#910	p. ☐ Series 937RX/\$X and 947RX/SX IMAGE/SQL only	
	#800	q. ☐ Series 937RX/\$X and 947RX/SX ALLBASE/SQL only	
	#900	r. ☐ Series 937RX/\$X and 947RX/SX MPE/iX only	
C2797AZ C2798AZ		4. Optional - Select rack mount kit - May order one (1) if A1883A or A1884A is ordered on the same order/section* a. ☐ Rack mount kit to install 947LX in factory integrated cabinet b. ☐ Rack mount kit to install 947RX/SX in factory integrated cabinet	
A2293A	#0DT	5. Optional - Select Floating Point coprocessor - May order one (1)* a. ☐ Floating point coprocessor	
A2511AZ A2516AZ	#0DS #0DV	6. Select base memory - Must order one (1)* a. ☐ Standard 64MB memory module b. ☐ Replace standard memory with 128MB module	
A2231AZ A2232AZ A2511AZ A2516AZ	#0DZ #0DZ #0DZ #0DZ	7. Optional - Additional memory - May order a total of five (5) modules Total memory (base + additional) on 947LX may not exceed 192MB and 947RX/SX may not exceed 384MB* a. ☐ 16MB memory module b. ☐ 32MB memory module c. ☐ 64MB memory module d. ☐ 128MB memory module	Quantity [] Quantity [] Quantity [] Quantity []
A2445A A2446A	#0DS #0DU	8. Select base disk - Must order one (1)* a. ☐ Standard 1.0GB disk drive (half-height) b. ☐ Replace standard with 2.0GB disk drive (full-height)	
A2445A A2446A	#0DZ #0DZ	9. Optional - Select additional internal disk for 947RX/SX systems only* Maximum 3 half-height devices supported internally - Includes DDS, Disk, and CD-ROM* a. ☐ 1.0GB disk drive (half-height) - May order if 8a. is ordered above b. ☐ 2.0GB disk drive (full-height) - May order up to two (2)	Quantity []
C2477SZ	#0DS	10. Pre-Selected back-up storage device* a. ☒ Standard 2.0 DDS DAT tape drive (half-height)	
C2476SZ	#0DZ	11. Optional - Select additional storage device (for 9x7LX PBA-IB & CD-ROM sup. only w/1.0 Gb base disk)* a. ☐ CD-ROM drive (half-height)	
C1064AZ C1064GZ C1064WZ	#____ #____ #____	12. Select Standard console - May order a total of one (1)* Order appropriate keyboard localization option a. ☐ 700/96 terminal with amber screen b. ☐ 700/96 terminal with green screen c. ☐ 700/96 terminal with white screen	
A1747A 28616A 28642A	#0DZ #0DZ #0DZ	13. Optional - Select I/O expansion* Cards ordered cannot exceed number of slots in selected chassis PBA-IB maximum of two (2) - PB-FL maximum of four (4) Combined PBA-IB and PB-FL maximum of three (3) a. ☐ PBA-IB - Chan-span/HP-IB device adapter - 2 slots per card b. ☐ PB-FL - HP-FL device adapter - 2 slots per card c. ☐ SCSI 2 device adapter (NIO SCSI) - 1 slot per card	Quantity [] Quantity [] Quantity []
Refer to page 55 of the HP 3000 Ordering Guide for Hardware Return Credits Good Toward the Purchase of a New HP 3000 Series 900 System			
C1064A C1064G C1064W C1084W	#____ #____ #____ #____	14. Optional - Select terminals - May order minimum of 20 up to maximum of 64 units with Menu and Terminal Promotion discounts. Order appropriate keyboard localization option* a. ☐ 700/96 terminal with amber screen b. ☐ 700/96 terminal with green screen c. ☐ 700/96 terminal with white screen d. ☐ 700/96ES terminal with white screen	Quantity [] Quantity [] Quantity [] Quantity []

947LX includes installation only. Warranty Code = 5H. 947RX/SX includes installation and site preparation. Warranty Code = 5G.

NOTE: All installation and site preparation are associated with chassis products.

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
A1709B		HP 3000 Series 957RX/SX SPU consists of: Integrated chassis with power supply, and battery back-up One Multi-function I/O card containing: One SCSI interface for up to seven devices, two RS-232-C ports for console and remote support, 802.3 LAN connection, ThinLAN Transceiver with integrated AUI cable, and 802.3 LAN cable (2 meters) One blank 90 meter DDS cartridge tape and one DDS cleaning tape System documentation Pre-installation of I/O cards, integrated disk, and memory Standard memory (64MB), standard disk (1 GB), standard DDS tape drive, standard console, and optional add-ons are ordered below	
		1. Select SPU with MPE/iX FOS, IMAGE/SQL, and/or ALLBASE/SQL* Must order one (1) SPU with applicable user license Software is provided with a Class/Concurrent License to Use on this system for the number of users selected below. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL A2393A #UA9 a. ☐ 64 user license #UBD b. ☐ 100 user license #UCN c. ☐ 160 user license #UAD d. ☐ 256 user license #UAT e. ☐ Unlimited user license SPU with MPE/iX FOS and IMAGE/SQL A2394A #UA9 f. ☐ 64 user license #UBD g. ☐ 100 user license #UCN h. ☐ 160 user license #UAD i. ☐ 256 user license #UAT j. ☐ Unlimited user license SPU with MPE/iX FOS and ALLBASE/SQL A2395A #UA9 k. ☐ 64 user license #UBD l. ☐ 100 user license #UCN m. ☐ 160 user license #UAD n. ☐ 256 user license #UAT o. ☐ Unlimited user license SPU with MPE/iX FOS Only A2396A #UA9 p. ☐ 64 user license #UBD q. ☐ 100 user license #UCN r. ☐ 160 user license #UAD s. ☐ 256 user license #UAT t. ☐ Unlimited user license	
A2421A		2. Select Chassis - Must order one (1)* a. ☐ Standard 957RX - 4-slot chassis with factory integration A2422A b. ☐ 957SX - 12-slot chassis with factory integration	
51453B		3. Select MPE/iX media product options* a. ☒ HP 3000 MPE/iX Media Product (FOS tape & manuals) #AAH b. ☐ Digital Data Storage (DDS) media #AA1 c. ☐ 1600 BPI tape media #AA2 d. ☐ 6250 BPI tape media #ABA e. ☐ English language version #ABD f. ☐ German language version - Europe only #0B0 g. ☐ Delete manuals #0D1 h. ☐ Loaded FOS and SUBSYS on disk - Must order with 3b. #200 i. ☐ MPE/iX latest platform release #240 j. ☐ MPE/iX Release 4.0 #245 k. ☐ MPE/iX Release 4.5 #811 l. ☐ Series 957RX/SX (or higher) Preconfigured (IMAGE/SQL & ALLBASE/SQL)	

957RX/SX includes installation and site preparation. Warranty Code = 5G.

NOTE: All installation and site preparation are associated with chassis products.

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
3. Select MPE/iX media product options (cont'd)			
	#911	l. ☐ Series 957RX/SX (or higher) IMAGE/SQL only	
	#801	m. ☐ Series 957RX/SX (or higher) ALLBASE/SQL only	
	#901	n. ☐ Series 957RX/SX (or higher) MPE/iX only	
4. Optional - Select rack mount kit - May order one (1) if A1883A or A1884A is ordered on the same order/section*			
C2798AZ		a. ☐ Rack mount kit to install 957RX/SX in factory integrated cabinet	
5. Optional - Select Floating Point coprocessor - May order one (1)*			
A2293A	#0DU	a. ☐ Floating point coprocessor	
6. Select base memory - Must order one (1)*			
A2511AZ	#0DS	a. ☐ Standard 64MB memory module	
A2516AZ	#0DV	b. ☐ Replace standard memory with 128MB module	
7. Optional - Additional memory - May order a total of five (5) modules* Total memory (base + additional) on 957RX/SX may not exceed 384MB			
A2231AZ	#0DZ	a. ☐ 16MB memory module	Quantity ☐
A2232AZ	#0DZ	b. ☐ 32MB memory module	Quantity ☐
A2511AZ	#0DZ	c. ☐ 64MB memory module	Quantity ☐
A2516AZ	#0DZ	d. ☐ 128MB memory module	Quantity ☐
8. Select base disk - Must order one (1)*			
A2445A	#0DS	a. ☐ Standard 1.0GB disk drive (half-height)	
A2446A	#0DU	b. ☐ Replace standard with 2.0GB disk drive (full-height)	
9. Optional - Select additional internal disk for 957RX/SX system* Maximum 3 half-height devices supported internally - Includes DDS, Disk, and CD-ROM*			
A2445A	#0DZ	a. ☐ 1.0GB disk drive (half-height) - May order if 8a. is ordered above	
A2446A	#0DZ	b. ☐ 2.0GB disk drive (full-height) - May order up to two (2)	Quantity ☐
10. Pre-Selected back-up storage device*			
C2477SZ	#0DS	a. ☒ Standard 2.0 DDS DAT tape drive (half-height)	
11. Optional - Select additional storage device*			
C2476SZ	#0DZ	a. ☐ CD-ROM drive (half-height)	
12. Select Standard console - May order a total of one (1)* Order appropriate keyboard localization option			
C1064AZ	#	a. ☐ 700/96 terminal with amber screen	
C1064GZ	#	b. ☐ 700/96 terminal with green screen	
C1064WZ	#	c. ☐ 700/96 terminal with white screen	
13. Optional - Select I/O expansion* Cards ordered cannot exceed number of slots in selected chassis PBA-IB maximum of two (2) - PB-FL maximum of four (4) Combined PBA-IB and PB-FL maximum of three (3)			
A1747A	#0DZ	a. ☐ PBA-IB - Chan-span/HP-IB device adapter - 2 slots per card	Quantity ☐
28616A	#0DZ	b. ☐ PB-FL - HP-FL device adapter - 2 slots per card	Quantity ☐
28642A	#0DZ	c. ☐ SCSI 2 device adapter (NIO SCSI) - 1 slot per card	Quantity ☐
Refer to page 55 of the HP 3000 Ordering Guide for Hardware Return Credits Good Toward the Purchase of a New HP 3000 Series 900 System			
14. Optional - Select terminals - May order minimum of 20 up to maximum of 64 units with Menu and Terminal Promotion discounts. Order appropriate keyboard localization option*			
C1064A	#	a. ☐ 700/96 terminal with amber screen	Quantity ☐
C1064G	#	b. ☐ 700/96 terminal with green screen	Quantity ☐
C1064W	#	c. ☐ 700/96 terminal with white screen	Quantity ☐
C1084W	#	d. ☐ 700/96ES terminal with white screen	Quantity ☐

957RX/SX includes installation and site preparation. Warranty Code = 5G.

NOTE: All installation and site preparation are associated with chassis products.

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
A1710B		HP 3000 Series 967RX/SX SPU consists of: Integrated chassis with power supply, and battery back-up One Multi-function I/O card containing: One SCSI interface for up to seven devices, two RS-232-C ports for console and remote support, 802.3 LAN connection, ThinLAN Transceiver with integrated AUI cable, and 802.3 LAN cable (2 meters) One blank 90 meter DDS cartridge tape and one DDS cleaning tape System documentation Pre-installation of I/O cards, integrated disk, and memory Standard memory (64MB), standard disk (1 GB), standard DDS tape drive, standard console, and optional add-ons are ordered below	
A2397A	#UBD #UCN #UAD #UAT	1. Select SPU with MPE/iX FOS, IMAGE/SQL, and/or ALLBASE/SQL* Must order one (1) SPU with applicable user license Software is provided with a Class/Concurrent License to Use on this system for the number of users selected below. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL a. ☐ 100 user license b. ☐ 160 user license c. ☐ 256 user license d. ☐ Unlimited user license SPU with MPE/iX FOS and IMAGE/SQL e. ☐ 100 user license f. ☐ 160 user license g. ☐ 256 user license h. ☐ Unlimited user license SPU with MPE/iX FOS and ALLBASE/SQL i. ☐ 100 user license j. ☐ 160 user license k. ☐ 256 user license l. ☐ Unlimited user license SPU with MPE/iX FOS Only m. ☐ 100 user license n. ☐ 160 user license o. ☐ 256 user license p. ☐ Unlimited user license	
A2398A	#UBD #UCN #UAD #UAT		
A2399A	#UBD #UCN #UAD #UAT		
A2400A	#UBD #UCN #UAD #UAT		
A2423A A2424A		2. Select Chassis - Must order one (1)* a. ☐ Standard 967RX - 4-slot chassis with factory integration b. ☐ 967SX - 12-slot chassis with factory integration	
51453B	#AAH #AA1 #AA2 #ABA #ABD #0B0 #0D1 #200 #240 #245 #811 #911 #801 #901	3. Select MPE/iX media product options* a. ☒ HP 3000 MPE/iX Media Product (FOS tape & manuals) b. ☐ Digital Data Storage (DDS) media c. ☐ 1600 BPI tape media d. ☐ 6250 BPI tape media e. ☐ English language version f. ☐ German language version - Europe only g. ☐ Delete manuals h. ☐ Loaded FOS and SUBSYS on disk - Must order with 3b. i. ☐ MPE/iX latest platform release j. ☐ MPE/iX Release 4.0 k. ☐ MPE/iX Release 4.5 l. ☐ Series 957RX/SX (or higher) Preconfigured (IMAGE/SQL & ALLBASE/SQL) m. ☐ Series 957RX/SX (or higher) IMAGE/SQL only n. ☐ Series 957RX/SX (or higher) ALLBASE/SQL only o. ☐ Series 957RX/SX (or higher) MPE/iX only	

967RX/SX includes installation and site preparation. Warranty Code = 5G.

NOTE: All installation and site preparation are associated with chassis products.

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
C2798AZ		4. Optional - Select rack mount kit - May order one (1) if A1883A or A1884A is ordered on the same order/section* a. ☐ Rack mount kit to install 967RX/SX in factory integrated cabinet	
A2293A	#0DV	5. Optional - Select Floating Point coprocessor - May order one (1)* a. ☐ Floating point coprocessor	
A2511AZ	#0DS	6. Select base memory - Must order one (1)* a. ☐ Standard 64MB memory module	
A2516AZ	#0DV	b. ☐ Replace standard memory with 128MB module	
A2231AZ	#0DZ	7. Optional - Additional memory - May order a total of five (5) modules* Total memory (base + additional) on 967RX/SX may not exceed 512MB a. ☐ 16MB memory module Quantity	
A2232AZ	#0DZ	b. ☐ 32MB memory module Quantity	
A2511AZ	#0DZ	c. ☐ 64MB memory module Quantity	
A2516AZ	#0DZ	d. ☐ 128MB memory module Quantity	
A2445A	#0DS	8. Select base disk - Must order one (1)* a. ☐ Standard 1.0GB disk drive (half-height)	
A2446A	#0DU	b. ☐ Replace standard with 2.0GB disk drive (full-height)	
A2445A	#0DZ	9. Optional - Select additional internal disk for 967RX/SX system* Maximum 3 half-height devices supported internally - Includes DDS, Disk, and CD-ROM* a. ☐ 1.0GB disk drive (half-height) - May order if 8a. is ordered above	
A2446A	#0DZ	b. ☐ 2.0GB disk drive (full-height) - May order up to two (2) Quantity	
C2477SZ	#0DS	10. Pre-Selected back-up storage device* a. ☒ Standard 2.0 DDS DAT tape drive (half-height)	
C2476SZ	#0DZ	11. Optional - Select additional storage device* a. ☐ CD-ROM drive (half-height)	
C1064AZ	#	12. Select Standard console - May order a total of one (1)* Order appropriate keyboard localization option a. ☐ 700/96 terminal with amber screen	
C1064GZ	#	b. ☐ 700/96 terminal with green screen	
C1064WZ	#	c. ☐ 700/96 terminal with white screen	
A1747A	#0DZ	13. Optional - Select I/O expansion* Cards ordered cannot exceed number of slots in selected chassis PBA-IB maximum of two (2) - PB-FL maximum of four (4) Combined PBA-IB and PB-FL maximum of three (3) a. ☐ PBA-IB - Chan-span/HP-IB device adapter - 2 slots per card Quantity	
28616A	#0DZ	b. ☐ PB-FL - HP-FL device adapter - 2 slots per card Quantity	
28642A	#0DZ	c. ☐ SCSI 2 device adapter (NIO SCSI) - 1 slot per card Quantity	
Refer to page 55 of the HP 3000 Ordering Guide for Hardware Return Credits Good Toward the Purchase of a New HP 3000 Series 900 System			
C1064A	#	14. Optional - Select terminals - May order minimum of 20 up to maximum of 64 units with Menu and Terminal Promotion discounts. Order appropriate keyboard localization option* a. ☐ 700/96 terminal with amber screen Quantity	
C1064G	#	b. ☐ 700/96 terminal with green screen Quantity	
C1064W	#	c. ☐ 700/96 terminal with white screen Quantity	
C1084W	#	d. ☐ 700/96ES terminal with white screen Quantity	

967RX/SX includes installation and site preparation. Warranty Code = 5G.

NOTE: All installation and site preparation are associated with chassis products.

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
A2317B		HP 3000 Series 987RX/SX SPU consists of: Integrated chassis with power supply, and battery back-up One Multi-function I/O card containing: One SCSI interface for up to seven devices, two RS-232-C ports for console and remote support, 802.3 LAN connection, ThinLAN Transceiver with integrated AUI cable, and 802.3 LAN cable (2 meters) One blank 90 meter DDS cartridge tape and one DDS cleaning tape System documentation Pre-installation of I/O cards, integrated disk, and memory Standard memory (64MB), standard disk (1 GB), standard DDS tape drive, standard console, and optional add-ons are ordered below	
		1. Select SPU with MPE/iX FOS, IMAGE/SQL, and/or ALLBASE/SQL* Must order one (1) SPU with applicable user license Software is provided with a Class/Concurrent License to Use on this system for the number of users selected below. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL A2405A #UBD a. ☐ 100 user license #UCN b. ☐ 160 user license #UAD c. ☐ 256 user license #UAT d. ☐ Unlimited user license SPU with MPE/iX FOS and IMAGE/SQL A2406A #UBD e. ☐ 100 user license #UCN f. ☐ 160 user license #UAD g. ☐ 256 user license #UAT h. ☐ Unlimited user license SPU with MPE/iX FOS and ALLBASE/SQL A2407A #UBD i. ☐ 100 user license #UCN j. ☐ 160 user license #UAD k. ☐ 256 user license #UAT l. ☐ Unlimited user license SPU with MPE/iX FOS Only A2408A #UBD m. ☐ 100 user license #UCN n. ☐ 160 user license #UAD o. ☐ 256 user license #UAT p. ☐ Unlimited user license	
A2426A		2. Pre-Selected Chassis* a. ☐ Standard 987RX - 4-slot chassis with factory integration A3000A b. ☐ 987SX - 12-slot chassis with factory integration	
51453B		3. Select MPE/iX media product options* a. ☒ HP 3000 MPE/iX Media Product (FOS tape & manuals) #AAH b. ☐ Digital Data Storage (DDS) media #AA1 c. ☐ 1600 BPI tape media #AA2 d. ☐ 6250 BPI tape media #ABA e. ☐ English language version #ABD f. ☐ German language version - Europe only #OB0 g. ☐ Delete manuals #OD1 h. ☐ Loaded FOS and SUBSYS on disk - Must order with 3b. #200 i. ☐ MPE/iX latest platform release #240 j. ☐ MPE/iX Release 4.0 #245 k. ☐ MPE/iX Release 4.5 #811 l. ☐ Series 957RX/SX (or higher) Preconfigured (IMAGE/SQL & ALLBASE/SQL) #911 m. ☐ Series 957RX/SX (or higher) IMAGE/SQL only #801 n. ☐ Series 957RX/SX (or higher) ALLBASE/SQL only #901 o. ☐ Series 957RX/SX (or higher) MPE/iX only	

987RX/SX includes installation and site preparation. Warranty Code = 5G.

NOTE: All installation and site preparation are associated with chassis products.

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
C2798AZ		4. Optional - Select rack mount kit - May order one (1) if A1883A or A1884A is ordered on the same order/section* a. ☐ Rack mount kit to install 987SX in factory integrated cabinet	
A2511AZ	#0DS	5. Select base memory - Must order one (1)* a. ☐ Standard 64MB memory module	
A2516AZ	#0DV	b. ☐ Replace standard memory with 128MB module	
A2231AZ	#0DZ	6. Optional - Additional memory - May order a total of five (5) modules* Total memory (base + additional) on 987SX may not exceed 768MB a. ☐ 16MB memory module Quantity ☐	
A2232AZ	#0DZ	b. ☐ 32MB memory module Quantity ☐	
A2511AZ	#0DZ	c. ☐ 64MB memory module Quantity ☐	
A2516AZ	#0DZ	d. ☐ 128MB memory module Quantity ☐	
A2445A	#0DS	7. Select base disk - Must order one (1)* a. ☐ Standard 1.0GB disk drive (half-height)	
A2446A	#0DU	b. ☐ Replace standard with 2.0GB disk drive (full-height)	
A2445A	#0DZ	8. Optional - Select additional internal disk for 987SX system* Maximum 3 half-height devices supported internally - Includes DDS, Disk, and CD-ROM* a. ☐ 1.0GB disk drive (half-height) - May order if 8a. is ordered above	
A2446A	#0DZ	b. ☐ 2.0GB disk drive (full-height) - May order up to two (2) Quantity ☐	
C2477SZ	#0DS	9. Pre-Selected back-up storage device* a. ☒ Standard 2.0 DDS DAT tape drive (half-height)	
C2476SZ	#0DZ	10. Optional - Select additional storage device* a. ☐ CD-ROM drive (half-height)	
C1064AZ	#	11. Select Standard console - May order a total of one (1)* Order appropriate keyboard localization option a. ☐ 700/96 terminal with amber screen	
C1064GZ	#	b. ☐ 700/96 terminal with green screen	
C1064WZ	#	c. ☐ 700/96 terminal with white screen	
A1747A	#0DZ	12. Optional - Select I/O expansion* Cards ordered cannot exceed 12 slots PBA-IB maximum of two (2) - PB-FL maximum of four (4) Combined PBA-IB and PB-FL maximum of three (3) a. ☐ PBA-IB - Chan-span/HP-IB device adapter - 2 slots per card Quantity ☐	
28616A	#0DZ	b. ☐ PB-FL - HP-FL device adapter - 2 slots per card Quantity ☐	
28642A	#0DZ	c. ☐ SCSI 2 device adapter (NIO SCSI) - 1 slot per card Quantity ☐	
Refer to page 55 of the HP 3000 Ordering Guide for Hardware Return Credits Good Toward the Purchase of a New HP 3000 Series 900 System			
C1084A	#	13. Optional - Select terminals - May order minimum of 20 up to maximum of 64 units with Menu and Terminal Promotion discounts. Order appropriate keyboard localization option* a. ☐ 700/96 terminal with amber screen Quantity ☐	
C1084G	#	b. ☐ 700/96 terminal with green screen Quantity ☐	
C1084W	#	c. ☐ 700/96 terminal with white screen Quantity ☐	
C1084W	#	d. ☐ 700/96ES terminal with white screen Quantity ☐	

987RX/SX includes installation and site preparation. Warranty Code = 5G.

NOTE: All installation and site preparation are associated with chassis products.

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
A3004A		HP 3000 Series 987/150RX/SX SPU consists of: Integrated chassis with power supply, and battery back-up One Multi-function I/O card containing: One SCSI interface for up to seven devices, two RS-232-C ports for console and remote support, 802.3 LAN connection, ThinLAN Transceiver with integrated AUI cable, and 802.3 LAN cable (2 meters) One blank 90 meter DDS cartridge tape and one DDS cleaning tape System documentation Pre-installation of I/O cards, integrated disk, and memory Standard memory (64MB), standard disk (1 GB), standard DDS tape drive, standard console, and optional add-ons are ordered below	
		1. Select SPU with MPE/iX FOS, IMAGE/SQL, and/or ALLBASE/SQL* Must order one (1) SPU with applicable user license Software is provided with a Class/Concurrent License to Use on this system for the number of users selected below. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL A3007A #UBD a. ☐ 100 user license #UCN b. ☐ 160 user license #UAD c. ☐ 256 user license #UAT d. ☐ Unlimited user license SPU with MPE/iX FOS and IMAGE/SQL A3008A #UBD e. ☐ 100 user license #UCN f. ☐ 160 user license #UAD g. ☐ 256 user license #UAT h. ☐ Unlimited user license SPU with MPE/iX FOS and ALLBASE/SQL A3009A #UBD i. ☐ 100 user license #UCN j. ☐ 160 user license #UAD k. ☐ 256 user license #UAT l. ☐ Unlimited user license SPU with MPE/iX FOS Only A3010A #UBD m. ☐ 100 user license #UCN n. ☐ 160 user license #UAD o. ☐ 256 user license #UAT p. ☐ Unlimited user license	
		2. Pre-Selected Chassis* A3005A a. ☐ Standard 987/150RX - 4-slot chassis with factory integration A3006A b. ☐ 987/150SX - 12-slot chassis with factory integration	
		3. Select MPE/iX media product options* 51453B a. ☒ HP 3000 MPE/iX Media Product (FOS tape & manuals) #AAH b. ☐ Digital Data Storage (DDS) media #AA1 c. ☐ 1600 BPI tape media #AA2 d. ☐ 6250 BPI tape media #ABA e. ☐ English language version #ABD f. ☐ German language version - Europe only #0B0 g. ☐ Delete manuals #0D1 h. ☐ Loaded FOS and SUBSYS on disk - Must order with 3b. #200 i. ☐ MPE/iX latest platform release #240 j. ☐ MPE/iX Release 4.0 #245 k. ☐ MPE/iX Release 4.5 #811 l. ☐ Series 957RX/SX (or higher) Preconfigured (IMAGE/SQL & ALLBASE/SQL) #911 m. ☐ Series 957RX/SX (or higher) IMAGE/SQL only #801 n. ☐ Series 957RX/SX (or higher) ALLBASE/SQL only #901 o. ☐ Series 957RX/SX (or higher) MPE/iX only	

987/150RX/SX includes installation and site preparation. Warranty Code = 5G.

NOTE: All installation and site preparation are associated with chassis products.

* **Select a System Support Option. Refer to Table 1 on page 49.**

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
C2798AZ		4. Optional - Select rack mount kit - May order one (1) if A1883A or A1884A is ordered on the same order/section* a. ☐ Rack mount kit to install 987SX in factory integrated cabinet	
A2511AZ	#0DS	5. Select base memory - Must order one (1)* a. ☐ Standard 64MB memory module	
A2516AZ	#0DV	b. ☐ Replace standard memory with 128MB module	
A2231AZ	#0DZ	6. Optional - Additional memory - May order a total of five (5) modules* Total memory (base + additional) on 987/150SX may not exceed 768MB a. ☐ 16MB memory module Quantity	
A2232AZ	#0DZ	b. ☐ 32MB memory module Quantity	
A2511AZ	#0DZ	c. ☐ 64MB memory module Quantity	
A2516AZ	#0DZ	d. ☐ 128MB memory module Quantity	
A2445A	#0DS	7. Select base disk - Must order one (1)* a. ☐ Standard 1.0GB disk drive (half-height)	
A2446A	#0DU	b. ☐ Replace standard with 2.0GB disk drive (full-height)	
A2445A	#0DZ	8. Optional - Select additional internal disk for 987/150SX system* Maximum 3 half-height devices supported internally - Includes Disk, DDS and CD-ROM a. ☐ 1.0GB disk drive (half-height) - May order if 8a. is ordered above	
A2446A	#0DZ	b. ☐ 2.0GB disk drive (full-height) - May order up to two (2) Quantity	
C2477SZ	#0DS	9. Pre-Selected back-up storage device* a. ☒ Standard 2.0 DDS DAT tape drive (half-height)	
C2476SZ	#0DZ	10. Optional - Select additional storage device* a. ☐ CD-ROM drive (half-height)	
C1064AZ	#	11. Select Standard console - May order a total of one (1)* Order appropriate keyboard localization option a. ☐ 700/96 terminal with amber screen	
C1064GZ	#	b. ☐ 700/96 terminal with green screen	
C1064WZ	#	c. ☐ 700/96 terminal with white screen	
A1747A	#0DZ	12. Optional - Select I/O expansion* Cards ordered cannot exceed 12 slots PBA-IB maximum of two (2) - PB-FL maximum of four (4) Combined PBA-IB and PB-FL maximum of three (3) a. ☐ PBA-IB - Char-span/HP-IB device adapter - 2 slots per card Quantity	
28616A	#0DZ	b. ☐ PB-FL - HP-FL device adapter - 2 slots per card Quantity	
28642A	#0DZ	c. ☐ SCSI 2 device adapter (NIO SCSI) - 1 slot per card Quantity	
Refer to page 55 of the HP 3000 Ordering Guide for Hardware Return Credits Good Toward the Purchase of a New HP 3000 Series 900 System			
C1064A	#	13. Optional - Select terminals - May order minimum of 20 up to maximum of 64 units with Menu and Terminal Promotion discounts. Order appropriate keyboard localization option* a. ☐ 700/96 terminal with amber screen Quantity	
C1064G	#	b. ☐ 700/96 terminal with green screen Quantity	
C1064W	#	c. ☐ 700/96 terminal with white screen Quantity	
C1084W	#	d. ☐ 700/96ES terminal with white screen Quantity	

987/150RX/SX includes installation and site preparation. Warranty Code = 5G.

NOTE: All installation and site preparation are associated with chassis products.

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
A2900A		HP 3000 Series 947 Plus System Software consists of: MPE/iX Fundamental Operating Software Systems Management Software: TurboSTORE/iX II with on-line backup for rewritable optical disk, AutoRestart/iX, ThinLAN 3000/iX, Management Node Software for OpenView Console, and OpenView Console software Optional Performance Management Software: HP LaserRX/MPE, HP RX Forecast, and HP GlancePLUS/iX Pak SPU consists of: Integrated chassis with power supply, and battery back-up One Multi-function I/O card containing: One SCSI interface for up to seven devices, two RS-232-C ports for Vectra console and remote support, 802.3 LAN connection with integrated ThinLAN Transceiver and AUI connector, and 802.3 LAN cable (2 meters) One blank 90 meter DDS cartridge tape and one DDS cleaning tape System documentation Pre-installation of I/O cards, integrated disk, and memory Standard memory (64MB), standard disk (1GB), standard DDS tape drive, standard Vectra console, and optional add-ons are ordered below	
		1. Select SPU with MPE/iX FOS, IMAGE/SQL, and/or ALLBASE/SQL with System Management and Performance Management software or with System Management software only. Must order one (1) SPU with applicable user license. Software is provided with a Class/Concurrent License to Use on this system for the number of users selected below. The following SPUs include both System Management and Performance Management software products listed above. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL A2901A #UBD a. [] 100 user license #UCN b. [] 160 user license #UAD c. [] 256 user license #UAT d. [] Unlimited user license SPU with MPE/iX FOS and IMAGE/SQL A2902A #UBD e. [] 100 user license #UCN f. [] 160 user license #UAD g. [] 256 user license #UAT h. [] Unlimited user license The following SPUs include System Management software products only. Performance Management software products are NOT included. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL A2903A #UBD q. [] 100 user license #UCN r. [] 160 user license #UAD s. [] 256 user license #UAT t. [] Unlimited user license SPU with MPE/iX FOS and IMAGE/SQL A2904A #UBD u. [] 100 user license #UCN v. [] 160 user license #UAD w. [] 256 user license #UAT x. [] Unlimited user license	
A2419A		2. Select Chassis - Must order one (1) a. [] 947RX - 4-slot chassis with factory integration A2420A b. [] 947SX - 12-slot chassis with factory integration	
51454B		3. Select MPE/iX media product options a. [X] HP 3000 MPE/iX Media Product for Corporate Business System and 9x7 - Plus products #AAH b. [] Digital Data Storage (DDS) media #AA1 c. [] 1600 BPI tape media	

*** Select a System Support Option. Refer to Table 1 on page 49.**

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
		3. Select MPE/iX media product options (cont'd)	
	#AA2	d. ☐ 6250 BPI tape media	
	#ABA	e. ☐ English language version	
	#0D1	f. ☐ Loaded FOS and SUBSYS on disk	
	#200	g. ☐ MPE/iX latest release	
	#240	h. ☐ MPE/iX Release 4.0	
	#245	i. ☐ MPE/iX Release 4.5	
	#915	j. ☐ Delete ALLBASE/SQL (IMAGE/SQL only)	
	#932	k. ☐ Delete Performance Management Software	
		4. Optional - Select rack mount kit - May order one (1) if A1883A or A1884A is ordered on the same order/section.	
C2798AZ		a. ☐ Rack mount kit to install 947RX/SX in factory integrated cabinet	
		5. Optional - Select Floating Point coprocessor - May order one (1)	
A2293A	#0DT	a. ☐ Floating point coprocessor for 947	
		6. Select base memory - Must order one (1)	
A2511AZ	#0DS	a. ☐ Standard 64MB memory module	
A2516AZ	#0DV	b. ☐ Replace standard memory with 128MB module	
		7. Optional - Additional memory - May order a total of five (5) modules Total memory (base + additional) may not exceed 384MB	
A2231AZ	#0DZ	a. ☐ 16MB memory module Quantity ☐	
A2232AZ	#0DZ	b. ☐ 32MB memory module Quantity ☐	
A2511AZ	#0DZ	c. ☐ 64MB memory module Quantity ☐	
A2516AZ	#0DZ	d. ☐ 128MB memory module Quantity ☐	
		8. Select base disk - Must order one (1)	
A2445A	#0DS	a. ☐ Standard 1.0GB disk drive (half-height)	
A2446A	#0DU	b. ☐ Replace standard with 2.0GB disk drive (full-height)	
		9. Optional - Select additional internal disk - Maximum 3 half-height devices supported internally - Includes DDS, Disk and CD-ROM	
A2445A	#0DZ	a. ☐ 1.0GB disk drive (half-height) Quantity ☐	
A2446A	#0DZ	b. ☐ 2.0GB disk drive (full-height) Quantity ☐	
		10. Pre-Selected back-up storage device	
C2477SZ	#0DS	a. ☒ Standard 2.0 DDS DAT tape drive (half-height)	
		11. Optional - Select additional storage device*	
C2476SZ	#0DZ	a. ☐ CD-ROM drive (half-height)	
		12. Pre-Selected OPENVIEW console Order appropriate keyboard localization option	
32054MZ	#	a. ☒ Standard OPENVIEW console bundle	
		13. Optional - Select I/O expansion Cards ordered cannot exceed number of slots in selected chassis PBA-IB maximum of two (2) - PB-FL maximum of four (4) Combined PBA-IB and PB-FL maximum of three (3)	
A1747A	#0DZ	a. ☐ PBA-IB - Chan-span/HP-IB device adapter - 2-slot Quantity ☐	
28616A	#0DZ	b. ☐ PB-FL - HP-FL device adapter - 2-slot Quantity ☐	
28642A	#0DZ	c. ☐ SCSI 2 device adapter (NIO SCSI) - 1-slot Quantity ☐	
Refer to page 55 of the HP 3000 Ordering Guide for Hardware Return Credits Good Toward the Purchase of a New HP 3000 Series 900 System			
		14. Optional - Select terminals - May order minimum of 20 up to maximum of 64 units with Menu and Terminal Promotion discounts. Order appropriate keyboard localization option	
C1064A	#	a. ☐ 700/96 terminal with amber screen Quantity ☐	
C1064G	#	b. ☐ 700/96 terminal with green screen Quantity ☐	
C1064W	#	c. ☐ 700/96 terminal with white screen Quantity ☐	
C1084W	#	d. ☐ 700/96ES terminal with white screen Quantity ☐	

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
A2905A		HP 3000 Series 957 Plus System Software consists of: MPE/iX Fundamental Operating Software Systems Management Software: TurboSTORE/iX II with on-line backup for rewritable optical disk, AutoRestart/iX, ThinLAN 3000/iX, Management Node Software for OpenView Console, and OpenView Console software Optional Performance Management Software: HP LaserRX/MPE, HP RX Forecast, and HP GlancePLUS/iX Pak SPU consists of: Integrated chassis with power supply, and battery back-up One Multi-function I/O card containing: One SCSI interface for up to seven devices, two RS-232-C ports for Vectra console and remote support, 802.3 LAN connection with integrated ThinLAN Transceiver and AUI connector, and 802.3 LAN cable (2 meters) One blank 90 meter DDS cartridge tape and one DDS cleaning tape System documentation Pre-installation of I/O cards, integrated disk, and memory Standard memory (64MB), standard disk (1GB), standard DDS tape drive, standard Vectra console, and optional add-ons are ordered below	
		1. Select SPU with MPE/iX FOS, IMAGE/SQL, and/or ALLBASE/SQL with System Management and Performance Management software or with System Management software only. Must order one (1) SPU with applicable user license. Software is provided with a Class/Concurrent License to Use on this system for the number of users selected below. The following SPUs include both System Management and Performance Management software products listed above. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL	
A2906A	#UA9	a. ☐ 64 user license	
	#UBD	b. ☐ 100 user license	
	#UCN	c. ☐ 160 user license	
	#UAD	d. ☐ 256 user license	
	#UAT	e. ☐ Unlimited user license	
		SPU with MPE/iX FOS and IMAGE/SQL	
A2907A	#UA9	f. ☐ 64 user license	
	#UBD	g. ☐ 100 user license	
	#UCN	h. ☐ 160 user license	
	#UAD	i. ☐ 256 user license	
	#UAT	j. ☐ Unlimited user license	
		The following SPUs include System Management software products only. Performance Management software products are NOT included. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL	
A2908A	#UA9	k. ☐ 64 user license	
	#UBD	l. ☐ 100 user license	
	#UCN	m. ☐ 160 user license	
	#UAD	n. ☐ 256 user license	
	#UAT	o. ☐ Unlimited user license	
		SPU with MPE/iX FOS and IMAGE/SQL	
A2909A	#UA9	p. ☐ 64 user license	
	#UBD	q. ☐ 100 user license	
	#UCN	r. ☐ 160 user license	
	#UAD	s. ☐ 256 user license	
	#UAT	t. ☐ Unlimited user license	
		2. Select Chassis - Must order one (1)	
A2421A		a. ☐ Standard 957RX - 4-slot chassis with factory integration	
A2422A		b. ☐ 957SX - 12-slot chassis with factory integration	

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
51454B		3. Select MPE/iX media product options a. ☐ HP 3000 MPE/iX Media Product for Corporate Business System and 9x7 - Plus products b. ☐ Digital Data Storage (DDS) media c. ☐ 1600 BPI tape media d. ☐ 6250 BPI tape media e. ☐ English language version f. ☐ Loaded FOS and SUBSYS on disk g. ☐ MPE/iX latest release h. ☐ MPE/iX Release 4.0 i. ☐ MPE/iX Release 4.5 j. ☐ Delete ALLBASE/SQL (IMAGE/SQL only) k. ☐ Delete Performance Management Software	
C2798AZ		4. Optional - Select rack mount kit - May order one (1) if A1883A or A1884A is ordrd on the same order/sec. a. ☐ Rack mount kit to install 957RX/SX in factory integrated cabinet	
A2293A	#0DU	5. Optional - Select Floating Point coprocessor - May order one (1) a. ☐ Floating point coprocessor for 957	
A2511AZ	#0DS	6. Select base memory - Must order one (1) a. ☐ Standard 64MB memory module	
A2516AZ	#0DV	b. ☐ Replace standard memory with 128MB module	
A2231AZ	#0DZ	7. Optional - Additional memory - May order a total of five (5) modules Total memory (base + additional) may not exceed 384MB a. ☐ 16MB memory module Quantity []	
A2232AZ	#0DZ	b. ☐ 32MB memory module Quantity []	
A2511AZ	#0DZ	c. ☐ 64MB memory module Quantity []	
A2516AZ	#0DZ	d. ☐ 128MB memory module Quantity []	
A2445A	#0DS	8. Select base disk - Must order one (1) a. ☐ Standard 1.0GB disk drive (half-height)	
A2446A	#0DU	b. ☐ Replace standard with 2.0GB disk drive (full-height)	
A2445A	#0DZ	9. Optional - Select addnl intrnl disk - Max of 3 half-height dev. sup. intrnly - Inclds DDS, Disk, & CD-ROM a. ☐ 1.0GB disk drive (half-height) Quantity []	
A2446A	#0DZ	b. ☐ 2.0GB disk drive (full-height) Quantity []	
C2477SZ	#0DS	10. Pre-Selected back-up storage device a. ☒ Standard 2.0 DDS DAT tape drive (half-height)	
C2476SZ	#0DZ	11. Optional - Select additional storage device* a. ☐ CD-ROM drive (half-height)	
32054MZ	#	12. Pre-Selected OPENVIEW console. Order appropriate keyboard localization option. a. ☒ Standard OPENVIEW console bundle	
A1747A	#0DZ	13. Optional - Select I/O expansion Cards ordered cannot exceed number of slots in selected chassis PBA-IB maximum of two (2) - PB-FL maximum of four (4) Combined PBA-IB and PB-FL maximum of three (3) a. ☐ PBA-IB - Chan-span/HP-IB device adapter - 2-slot Quantity []	
28616A	#0DZ	b. ☐ PB-FL - HP-FL device adapter - 2-slot Quantity []	
28642A	#0DZ	c. ☐ SCSI 2 device adapter (NIO SCSI) - 1-slot Quantity []	
Refer to page 55 of the HP 3000 Ordering Guide for Hardware Return Credits Good Toward the Purchase of a New HP 3000 Series 900 System			
C1064A	#	14. Optional - Select terminals - May order minimum of 20 up to maximum of 64 units with Menu and Terminal Promotion discounts. Order appropriate keyboard localization option a. ☐ 700/96 terminal with amber screen Quantity []	
C1064G	#	b. ☐ 700/96 terminal with green screen Quantity []	
C1064W	#	c. ☐ 700/96 terminal with white screen Quantity []	
C1084W	#	d. ☐ 700/96ES terminal with white screen Quantity []	

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
A2910A		HP 3000 Series 967 Plus System Software consists of: MPE/iX Fundamental Operating Software Systems Management Software: TurboSTORE/iX II with on-line backup for rewritable optical disk, AutoRestart/iX, ThinLAN 3000/iX, Management Node Software for OpenView Console, and OpenView Console software Optional Performance Management Software: HP LaserRX/MPE, HP RX Forecast, and HP GlancePLUS/iX Pak SPU consists of: Integrated chassis with power supply, and battery back-up One Multi-function I/O card containing: One SCSI interface for up to seven devices, two RS-232-C ports for Vectra console and remote support, 802.3 LAN connection with integrated ThinLAN Transceiver and AUI connector, and 802.3 LAN cable (2 meters) One blank 90 meter DDS cartridge tape and one DDS cleaning tape System documentation Pre-installation of I/O cards, integrated disk, and memory Standard memory (64MB), standard disk (1GB), standard DDS tape drive, standard Vectra console, and optional add-ons are ordered below	
		1. Select SPU with MPE/iX FOS, IMAGE/SQL, and/or ALLBASE/SQL with System Management and Performance Management software or with System Management software only. Must order one (1) SPU with applicable user license. Software is provided with a Class/Concurrent License to Use on this system for the number of users selected below. The following SPUs include both System Management and Performance Management software products listed above. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL	
A2911A	#UBD #UCN #UAD #UAT	a. ☐ 100 user license b. ☐ 160 user license c. ☐ 256 user license d. ☐ Unlimited user license	
A2912A	#UBD #UCN #UAD #UAT	SPU with MPE/iX FOS and IMAGE/SQL e. ☐ 100 user license f. ☐ 160 user license g. ☐ 256 user license h. ☐ Unlimited user license	
		The following SPUs include System Management software products only. Performance Management software products are NOT included. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL	
A2913A	#UBD #UCN #UAD #UAT	q. ☐ 100 user license r. ☐ 160 user license s. ☐ 256 user license t. ☐ Unlimited user license	
A2914A	#UBD #UCN #UAD #UAT	SPU with MPE/iX FOS and IMAGE/SQL u. ☐ 100 user license v. ☐ 160 user license w. ☐ 256 user license x. ☐ Unlimited user license	
A2423A A2424A		2. Select Chassis - Must order one (1) a. ☐ Standard 967RX - 4-slot chassis with factory integration b. ☐ 967SX - 12-slot chassis with factory integration	
51454B	#AAH #AA1	3. Select MPE/iX media product options a. ☒ HP 3000 MPE/iX Media Product for Corporate Business System and 9x7 - Plus products b. ☐ Digital Data Storage (DDS) media c. ☐ 1600 BPI tape media	

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
C2798AZ	#AA2 #ABA #0D1 #200 #240 #245 #915 #932	3. Select MPE/iX media product options (cont'd) d. ☐ 6250 BPI tape media e. ☐ English language version f. ☐ Loaded FOS and SUBSYS on disk g. ☐ MPE/iX latest release h. ☐ MPE/iX Release 4.0 i. ☐ MPE/iX Release 4.5 j. ☐ Delete ALLBASE/SQL (IMAGE/SQL only) k. ☐ Delete Performance Management Software	
		4. Optional - Select rack mount kit - May order one (1) if A1883A or A1884A is ordered on the same order/section. a. ☐ Rack mount kit to install 967RX/SX in factory integrated cabinet	
		5. Optional - Select Floating Point coprocessor - May order one (1) a. ☐ Floating point coprocessor for 967	
		6. Select base memory - Must order one (1) a. ☐ Standard 64MB memory module b. ☐ Replace standard memory with 128MB module	
		7. Optional - Additional memory - May order a total of five (5) modules Total memory (base + additional) may not exceed 512MB a. ☐ 16MB memory module b. ☐ 32MB memory module c. ☐ 64MB memory module d. ☐ 128MB memory module	Quantity [] Quantity [] Quantity [] Quantity []
		8. Select base disk - Must order one (1) a. ☐ Standard 1.0GB disk drive (half-height) b. ☐ Replace standard with 2.0GB disk drive (full-height)	
		9. Optional - Select additional internal disk - Maximum 3 half-height devices supported internally - Includes DDS, Disk, and CD-ROM a. ☐ 1.0GB disk drive (half-height) b. ☐ 2.0GB disk drive (full-height)	Quantity [] Quantity []
		10. Pre-Selected back-up storage device a. ☒ Standard 2.0 DDS DAT tape drive (half-height)	
		11. Optional - Select additional storage device* a. ☐ CD-ROM drive (half-height)	
		12. Pre-Selected OPENVIEW console Order appropriate keyboard localization option a. ☒ Standard OPENVIEW console bundle	
A1747A 28616A 28642A	#0DZ #0DZ #0DZ	13. Optional - Select I/O expansion Cards ordered cannot exceed number of slots in selected chassis PBA-IB maximum of two (2) - PB-FL maximum of four (4) Combined PBA-IB and PB-FL maximum of three (3) a. ☐ PBA-IB - Chan-span/HP-IB device adapter - 2-slot b. ☐ PB-FL - HP-FL device adapter - 2-slot c. ☐ SCSI 2 device adapter (NIO SCSI) - 1-slot	Quantity [] Quantity [] Quantity []
		Refer to page 55 of the HP 3000 Ordering Guide for Hardware Return Credits Good Toward the Purchase of a New HP 3000 Series 900 System	
		14. Optional - Select terminals - May order minimum of 20 up to maximum of 64 units with Menu and Terminal Promotion discounts. Order appropriate keyboard localization option a. ☐ 700/96 terminal with amber screen b. ☐ 700/96 terminal with green screen c. ☐ 700/96 terminal with white screen d. ☐ 700/96ES terminal with white screen	Quantity [] Quantity [] Quantity [] Quantity []

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
A2920A		HP 3000 Series 987 Plus System Software consists of: MPE/iX Fundamental Operating Software Systems Management Software: TurboSTORE/iX II with on-line backup for rewritable optical disk, AutoRestart/iX, ThinLAN 3000/iX, Management Node Software for OpenView Console, and OpenView Console software Optional Performance Management Software: HP LaserRX/MPE, HP RX Forecast, and HP GlancePLUS/iX Pak SPU consists of: Integrated chassis with power supply, and battery back-up One Multi-function I/O card containing: One SCSI interface for up to seven devices, two RS-232-C ports for Vectra console and remote support, 802.3 LAN connection with integrated ThinLAN Transceiver and AUI connector, and 802.3 LAN cable (2 meters) One blank 90 meter DDS cartridge tape and one DDS cleaning tape System documentation Pre-installation of I/O cards, integrated disk, and memory Standard memory (64MB), standard disk (1GB), standard DDS tape drive, standard Vectra console, and optional add-ons are ordered below	
A2921A	#UBD #UCN #UAD #UAT	1. Select SPU with MPE/iX FOS, IMAGE/SQL, and/or ALLBASE/SQL with System Management and Performance Management software or with System Management software only. Must order one (1) SPU with applicable user license. Software is provided with a Class/Concurrent License to Use on this system for the number of users selected below. The following SPUs include both System Management and Performance Management software products listed above. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL a. [] 100 user license b. [] 160 user license c. [] 256 user license d. [] Unlimited user license	
A2922A	#UBD #UCN #UAD #UAT	SPU with MPE/iX FOS and IMAGE/SQL e. [] 100 user license f. [] 160 user license g. [] 256 user license h. [] Unlimited user license	
A2923A	#UBD #UCN #UAD #UAT	The following SPUs include System Management software products only. Performance Management software products are NOT included. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL q. [] 100 user license r. [] 160 user license s. [] 256 user license t. [] Unlimited user license	
A2924A	#UBD #UCN #UAD #UAT	SPU with MPE/iX FOS and IMAGE/SQL u. [] 100 user license v. [] 160 user license w. [] 256 user license x. [] Unlimited user license	
A2426A A3000A		2. Select Chassis - Must order one (1) a. [] Standard 987RX - 4-slot chassis with factory integration b. [] 987SX - 12-slot chassis with factory integration	
51454B	#AAH #AA1	3. Select MPE/iX media product options a. [X] HP 3000 MPE/iX Media Product for Corporate Business System and 9x7 - Plus products b. [] Digital Data Storage (DDS) media c. [] 1600 BPI tape media	

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
		3. Select MPE/iX media product options (cont'd)	
	#AA2	d. ☐ 6250 BPI tape media	
	#ABA	e. ☐ English language version	
	#OD1	f. ☐ Loaded FOS and SUBSYS on disk	
	#200	g. ☐ MPE/iX latest release	
	#240	h. ☐ MPE/iX Release 4.0	
	#245	i. ☐ MPE/iX Release 4.5	
	#915	j. ☐ Delete ALLBASE/SQL (IMAGE/SQL only)	
	#932	k. ☐ Delete Performance Management Software	
		4. Optional - Select rack mount kit - May order one (1) if A1883A or A1884A is ordered on the same order/section.	
C2798AZ		a. ☐ Rack mount kit to install 987SX in factory integrated cabinet	
		5. Select base memory - Must order one (1)	
A2511AZ	#ODS	a. ☐ Standard 64MB memory module	
A2516AZ	#ODV	b. ☐ Replace standard memory with 128MB module	
		6. Optional - Additional memory - May order a total of five (5) modules Total memory (base + additional) may not exceed 768MB	
A2231AZ	#ODZ	a. ☐ 16MB memory module	Quantity ☐
A2232AZ	#ODZ	b. ☐ 32MB memory module	Quantity ☐
A2511AZ	#ODZ	c. ☐ 64MB memory module	Quantity ☐
A2516AZ	#ODZ	d. ☐ 128MB memory module	Quantity ☐
		7. Select base disk - Must order one (1)	
A2445A	#ODS	a. ☐ Standard 1.0GB disk drive (half-height)	
A2446A	#ODU	b. ☐ Replace standard with 2.0GB disk drive (full-height)	
		8. Optional - Select additional internal disk - Maximum 3 half-height devices supported internally - Includes DDS, Disk, and CD-ROM	
A2445A	#ODZ	a. ☐ 1.0GB disk drive (half-height)	Quantity ☐
A2446A	#ODZ	b. ☐ 2.0GB disk drive (full-height)	Quantity ☐
		9. Pre-Selected back-up storage device	
C2477SZ	#ODS	a. ☒ Standard 2.0 DDS DAT tape drive (half-height)	
		10. Optional - Select additional storage device*	
C2476SZ	#ODZ	a. ☐ CD-ROM drive (half-height)	
		11. Pre-Selected OPENVIEW console Order appropriate keyboard localization option	
32054MZ	#	a. ☒ Standard OPENVIEW console bundle	
		12. Optional - Select I/O expansion Cards ordered cannot exceed number of slots in selected chassis PBA-IB maximum of two (2) - PB-FL maximum of four (4) Combined PBA-IB and PB-FL maximum of three (3)	
A1747A	#ODZ	a. ☐ PBA-IB - Chan-span/HP-IB device adapter - 2-slot	Quantity ☐
28616A	#ODZ	b. ☐ PB-FL - HP-FL device adapter - 2-slot	Quantity ☐
28642A	#ODZ	c. ☐ SCSI 2 device adapter (NIO SCSI) - 1-slot	Quantity ☐
Refer to page 55 of the HP 3000 Ordering Guide for Hardware Return Credits Good Toward the Purchase of a New HP 3000 Series 900 System			
		13. Optional - Select terminals - May order minimum of 20 up to maximum of 64 units with Menu and Terminal Promotion discounts. Order appropriate keyboard localization option	
C1064A	#	a. ☐ 700/96 terminal with amber screen	Quantity ☐
C1064G	#	b. ☐ 700/96 terminal with green screen	Quantity ☐
C1064W	#	c. ☐ 700/96 terminal with white screen	Quantity ☐
C1084W	#	d. ☐ 700/96ES terminal with white screen	Quantity ☐

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
A3015A		HP 3000 Series 987/150 Plus System Software consists of: MPE/iX Fundamental Operating Software Systems Management Software: TurboSTORE/iX II with on-line backup for rewritable optical disk, AutoRestart/iX, ThinLAN 3000/iX, Management Node Software for OpenView Console, and OpenView Console software Optional Performance Management Software: HP LaserRX/MPE, HP RX Forecast, and HP GlancePLUS/iX Pak SPU consists of: Integrated chassis with power supply, and battery back-up One Multi-function I/O card containing: One SCSI interface for up to seven devices, two RS-232-C ports for Vectra console and remote support, 802.3 LAN connection with integrated ThinLAN Transceiver and AUI connector, and 802.3 LAN cable (2 meters) One blank 90 meter DDS cartridge tape and one DDS cleaning tape System documentation Pre-installation of I/O cards, integrated disk, and memory Standard memory (64MB), standard disk (1GB), standard DDS tape drive, standard Vectra console, and optional add-ons are ordered below	
		1. Select SPU with MPE/iX FOS, IMAGE/SQL, and/or ALLBASE/SQL with System Management and Performance Management software or with System Management software only. Must order one (1) SPU with applicable user license. Software is provided with a Class/Concurrent License to Use on this system for the number of users selected below. The following SPUs include both System Management and Performance Management software products listed above. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL	
A3016A	#UBD	a. ☐ 100 user license	
	#UCN	b. ☐ 160 user license	
	#UAD	c. ☐ 256 user license	
	#UAT	d. ☐ Unlimited user license	
A3017A	#UBD	SPU with MPE/iX FOS and IMAGE/SQL	
	#UCN	e. ☐ 100 user license	
	#UAD	f. ☐ 160 user license	
	#UAT	g. ☐ 256 user license	
		h. ☐ Unlimited user license	
		The following SPUs include System Management software products only. Performance Management software products are NOT included. SPU with MPE/iX FOS, IMAGE/SQL, and ALLBASE/SQL	
A3018A	#UBD	q. ☐ 100 user license	
	#UCN	r. ☐ 160 user license	
	#UAD	s. ☐ 256 user license	
	#UAT	t. ☐ Unlimited user license	
A3019A	#UBD	SPU with MPE/iX FOS and IMAGE/SQL	
	#UCN	u. ☐ 100 user license	
	#UAD	v. ☐ 160 user license	
	#UAT	w. ☐ 256 user license	
		x. ☐ Unlimited user license	
A3005A		2. Select Chassis - Must order one (1)	
A3006A		a. ☐ Standard 987/150RX - 4-slot chassis with factory integration	
		b. ☐ 987/150SX - 12-slot chassis with factory integration	
51454B		3. Select MPE/iX media product options	
	#AAH	a. ☒ HP 3000 MPE/iX Media Product for Corporate Business System and 9x7 - Plus products	
	#AA1	b. ☐ Digital Data Storage (DDS) media	
		c. ☐ 1600 BPI tape media	

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Product No.	Opt. No.	Product Description	Price
	#AA2	3. Select MPE/iX media product options (cont'd) d. ☐ 6250 BPI tape media	
	#ABA	e. ☐ English language version	
	#0D1	f. ☐ Loaded FOS and SUBSYS on disk	
	#200	g. ☐ MPE/iX latest release	
	#240	h. ☐ MPE/iX Release 4.0	
	#245	i. ☐ MPE/iX Release 4.5	
	#915	j. ☐ Delete ALLBASE/SQL (IMAGE/SQL only)	
	#932	k. ☐ Delete Performance Management Software	
C2798AZ		4. Optional - Select rack mount kit - May order one (1) if A1883A or A1884A is ordered on the same order/section. a. ☐ Rack mount kit to install 987/150SX in factory integrated cabinet	
A2511AZ	#0DS	5. Select base memory - Must order one (1) a. ☐ Standard 64MB memory module	
A2516AZ	#0DV	b. ☐ Replace standard memory with 128MB module	
A2231AZ	#0DZ	6. Optional - Additional memory - May order a total of five (5) modules Total memory (base + additional) may not exceed 768MB a. ☐ 16MB memory module	Quantity ☐
A2232AZ	#0DZ	b. ☐ 32MB memory module	Quantity ☐
A2511AZ	#0DZ	c. ☐ 64MB memory module	Quantity ☐
A2516AZ	#0DZ	d. ☐ 128MB memory module	Quantity ☐
A2445A	#0DS	7. Select base disk - Must order one (1) a. ☐ Standard 1.0GB disk drive (half-height)	
A2446A	#0DU	b. ☐ Replace standard with 2.0GB disk drive (full-height)	
A2445A	#0DZ	8. Optional - Select additional internal disk - Maximum 3 half-height devices supported internally - Includes DDS, Disk, and CD-ROM a. ☐ 1.0GB disk drive (half-height)	Quantity ☐
A2446A	#0DZ	b. ☐ 2.0GB disk drive (full-height)	Quantity ☐
C2477SZ	#0DS	9. Pre-Selected back-up storage device a. ☒ Standard 2.0 DDS DAT tape drive (half-height)	
C2476SZ	#0DZ	10. Optional - Select additional storage device* a. ☐ CD-ROM drive (half-height)	
32054MZ	#	11. Pre-Selected OPENVIEW console Order appropriate keyboard localization option a. ☒ Standard OPENVIEW console bundle	
A1747A	#0DZ	12. Optional - Select I/O expansion Cards ordered cannot exceed number of slots in selected chassis PBA-IB maximum of two (2) - PB-FL maximum of four (4) Combined PBA-IB and PB-FL maximum of three (3) a. ☐ PBA-IB - Chan-span/HP-IB device adapter - 2-slot	Quantity ☐
28616A	#0DZ	b. ☐ PB-FL - HP-FL device adapter - 2-slot	Quantity ☐
28642A	#0DZ	c. ☐ SCSI 2 device adapter (NIO SCSI) - 1-slot	Quantity ☐
Refer to page 55 of the HP 3000 Ordering Guide for Hardware Return Credits Good Toward the Purchase of a New HP 3000 Series 900 System			
C1064A	#	13. Optional - Select terminals - May order minimum of 20 up to maximum of 64 units with Menu and Terminal Promotion discounts. Order appropriate keyboard localization option a. ☐ 700/96 terminal with amber screen	Quantity ☐
C1064G	#	b. ☐ 700/96 terminal with green screen	Quantity ☐
C1064W	#	c. ☐ 700/96 terminal with white screen	Quantity ☐
C1084W	#	d. ☐ 700/96ES terminal with white screen	Quantity ☐

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

HP's policy for upgrading HP 3000 systems mandates that systems must be returned for credit and must have

been installed at customer's site at least six months. Customer must provide documentation of installation

date or proof of support for at least six months.

Description	Product No./ Option No.	PRICE
HP 3000 SERIES 955 AND 960		
Series 955 System*	A1109A	
Includes MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL software with a Class License to Use on Series 955.		
HP PA-RISC System Processor		
Floating point coprocessor		
96 Mb memory (six 16 Mb cards)		
One Memory Controller Card		
Dual Channel I/O Buses (CIBs)		
Two CTB adapters and ten I/O slots		
Two HP-IB device adapters		
6 Meter AUI cable, ThickMAU and tap for SPU attachment for ThickLAN cable; ThinMAU with integrated AUI cable for attachment to ThinLAN cable		
Powerfail battery backup system		
Support Tape media	Opt AAH	
Configures system to 380 VAC, 50Hz	Opt 015	
Configures system to 415 VAC, 50Hz	Opt 016	
Server version	Opt 100	
Add-on 16 Mb memory. An additional memory controller (P/N A1103A) required to support memory sizes greater than 128 Mb.	Opt 500	
Substitute one HP-FL channel for one HP-IB channel	Opt 550	
Delete TurboIMAGE (SQL-only)	Opt 910	
Delete ALLBASE/SQL (TurboIMAGE-only)	Opt 915	
Delete TurboIMAGE and ALLBASE/SQL (MPE-only)	Opt 920	
Series 955 System*	A1109AH	
Includes MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL software with a Class License to Use on Series 955.		
HP PA-RISC System Processor		
Floating point coprocessor		
96 Mb memory (six 16 Mb cards)		
One Memory Controller Card		
Dual Channel I/O Buses (CIBs)		
Two CTB adapters and ten I/O slots		
Two HP-IB device adapters		
6 Meter AUI cable, ThickMAU and tap for SPU attachment for ThickLAN cable; ThinMAU with integrated AUI cable for attachment to ThinLAN cable		
Powerfail battery backup system		
Support Tape media	Opt AAH	
Configures system to 380 VAC, 50Hz	Opt 015	
Configures system to 415 VAC, 50Hz	Opt 016	
Server version	Opt 100	
Add-on 16 Mb memory. An additional memory controller (P/N A1103A) is required to support memory sizes greater than 128 Mb.	Opt 500	
Substitute one HP-FL channel for one HP-IB channel. Customers can return additional memory through memory expansion return credits.	Opt 550	
Return credit 4 Mb memory with MICRO LX/GX/RX	Opt 700	
Return credit 81 Mb disk with MICRO LX	Opt 701	
Return credit 152 Mb disk with MICRO LX/GX/RX	Opt 702	
Return credit 304 Mb disk with MICRO LX/GX/RX	Opt 703	
Upgrade from MICRO 3000 or 3000LX with 2 Mb	Opt 704	

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Description	Product No./ Option No.	PRICE
Series 955 System (cont'd)	A1109AH	
Upgrade from MICRO 3000 with 4 Mb 3000GX/RX with 2 Mb	Opt 705	
Upgrade from MICRO 3000XE	Opt 706	
Upgrade from pre-Series II/30/33, HP 2000	Opt 707	
Upgrade from Series III	Opt 708	
Upgrade from HP 250	Opt 709	
Upgrade from HP 260	Opt 710	
Upgrade from Series 37, 37XE, 39, 40 with no memory	Opt 711	
Upgrade from Series 39HP, 42, 44 with no memory	Opt 712	
Upgrade from Series 48, with 1 Mb memory	Opt 713	
Upgrade from 42XP, 52 with 4 Mb memory	Opt 714	
Upgrade from Series 58 with 4 Mb memory	Opt 715	
Upgrade from Series 64 with 2 Mb memory	Opt 716	
Upgrade from Series 68 with 2 Mb memory	Opt 717	
Upgrade from Series 70 with 4 Mb memory	Opt 718	
Upgrade from Series 925LX with 24 Mb memory	Opt 719	
Upgrade from Series 925 with 32 Mb memory	Opt 720	
Upgrade from Series 935 with 48 Mb memory	Opt 721	
Return Series 922LX	Opt 723	
Return Series 922RX	Opt 724	
Return Series 922	Opt 725	
Return Series 932	Opt 726	
Return 304 Mb disk mechanism	Opt 727	
Return 670 Mb disk mechanism	Opt 728	
Delete TurboIMAGE (SQL-only)	Opt 910	
Delete ALLBASE/SQL (TurboIMAGE-only)	Opt 915	
Delete TurboIMAGE and ALLBASE/SQL (MPE-only)	Opt 920	
Series 960 System*	A1130A	
Includes MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL software with a Class License to Use on Series 960. HP PA-RISC System Processor Floating point coprocessor 128 Mb memory (eight 16 Mb cards) Two Memory Controller Cards Dual Channel I/O Buses (CIBs) Two CTB adapters and ten I/O slots Two HP-IB device adapters 6 Meter AUI cable, ThickMAU and tap for SPU attachment for ThickLAN cable; ThinMAU with integrated AUI cable for attachment to ThinLAN cable Powerfail battery backup system		
Support Tape media	Opt AAH	
Configures system to 380 VAC, 50Hz	Opt 015	
Configures system to 415 VAC, 50Hz	Opt 016	
Server version	Opt 100	
Add channel adapter	Opt 250	
Add-on 16 Mb memory. (See option 504)	Opt 500	
Add memory controller (necessary for configurations with more than 128 Mb memory)	Opt 504	
Substitute one HP-FL channel for one HP-IB channel.	Opt 550	
Return credit 4 Mb memory with MICRO LX/GX/RX	Opt 700	

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Description	Product No./ Option No.	PRICE
Series 960 System (cont'd)	A1130A	
Return credit 81 Mb disk with MICRO 3000 LX	Opt. 701	
Return credit 152 Mb disk with MICRO LX/GX/RX	Opt. 702	
Return credit 304 Mb disk with MICRO LX/GX/RX	Opt. 703	
Upgrade from MICRO 3000 or 3000LX with 2 Mb	Opt. 704	
Upgrade from MICRO 3000 with 4 Mb, 3000GX/RX with 2 Mb	Opt. 705	
Upgrade from MICRO 3000XE	Opt. 706	
Upgrade from pre-Series II/30/33, HP 2000	Opt. 707	
Upgrade from Series III	Opt. 708	
Upgrade from HP 250	Opt. 709	
Upgrade from HP 260	Opt. 710	
Upgrade from Series 37, 37XE, 39, 40 with no memory	Opt. 711	
Upgrade from Series 39HP, 42, 44 with no memory	Opt. 712	
Upgrade from Series 48, with 1 Mb memory	Opt. 713	
Upgrade from 42XP, 52 with 4 Mb memory	Opt. 714	
Upgrade from Series 58 with 4 Mb memory	Opt. 715	
Upgrade from Series 64 with 2 Mb memory	Opt. 716	
Upgrade from Series 68 with 2 Mb memory	Opt. 717	
Upgrade from Series 70 with 4 Mb memory	Opt. 718	
Upgrade from Series 925LX with 24 Mb memory	Opt. 719	
Upgrade from Series 925 with 32 Mb memory	Opt. 720	
Upgrade from Series 935 with 48 Mb memory	Opt. 721	
Return Series 922LX	Opt. 723	
Return Series 922RX	Opt. 724	
Return Series 922	Opt. 725	
Return Series 932	Opt. 726	
Return 304 Mb disk mechanism	Opt. 727	
Return 670 Mb disk mechanism	Opt. 728	
Return Series 920	Opt. 731	
Delete TurboIMAGE (SQL-only)	Opt. 910	
Delete ALLBASE/SQL (TurboIMAGE-only)	Opt. 915	
Delete TurboIMAGE and ALLBASE/SQL (MPE-only)	Opt. 920	

Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Description	Product No./ Option No.	PRICE
HP 3000 SERIES 980/100, SERIES 980/200, AND SERIES 980/300		
Series 980/100 System* Includes MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL software with a Class License to Use on Series 980/100. HP PA-RISC System Processor Floating point coprocessor 192 Mb memory (two 64 Mb cards, four 16 Mb cards) Two Memory Controller Cards Dual Channel I/O Buses (CIBs) Two CTB adapters and ten I/O slots Two HP-IB device adapters 6 Meter AUI cable, ThickMAU and tap for SPU attachment for ThickLAN cable; ThinMAU with integrated AUI cable for attachment to ThinLAN cable Powerfail battery backup system	A1134A	
Support Tape media	Opt. AAH	
Configures system to 380 VAC, 50Hz	Opt. 015	
Configures system to 415 VAC, 50Hz	Opt. 016	
Add-on 16 Mb memory	Opt. 500	
Add-on 64 Mb memory	Opt. 502	
Delete one 16 Mb memory board	Opt. 503	
Substitute one HP-FL channel for one HP-IB channel. (Customers can return additional memory through memory expansion return credits.)	Opt. 550	
Return credit 4 Mb memory with MICRO LX/GX/RX	Opt. 700	
Return credit 81 Mb disk with MICRO 3000 LX	Opt. 701	
Return credit 152 Mb disk with MICRO LX/GX/RX	Opt. 702	
Return credit 304 Mb disk with MICRO LX/GX/RX	Opt. 703	
Upgrade from MICRO 3000 or 3000LX with 2 Mb	Opt. 704	
Upgrade from MICRO 3000 with 4 Mb, 3000GX/RX with 2 Mb	Opt. 705	
Upgrade from MICRO 3000XE	Opt. 706	
Upgrade from pre-Series II/30/33, HP 2000	Opt. 707	
Upgrade from Series III	Opt. 708	
Upgrade from HP 250	Opt. 709	
Upgrade from HP 260	Opt. 710	
Upgrade from Series 37, 37XE, 39, 40 with no memory	Opt. 711	
Upgrade from Series 39HP, 42, 44 with no memory	Opt. 712	
Upgrade from Series 48, with 1 Mb memory	Opt. 713	
Upgrade from 42XP, 52 with 4 Mb memory	Opt. 714	
Upgrade from Series 58 with 4 Mb memory	Opt. 715	
Upgrade from Series 64 with 2 Mb memory	Opt. 716	
Upgrade from Series 68 with 2 mb memory	Opt. 717	
Upgrade from Series 70 with 4 mb memory	Opt. 718	
Upgrade from Series 925LX with 24 Mb memory	Opt. 719	
Upgrade from Series 925 with 32 Mb memory	Opt. 720	
Upgrade from Series 935 with 48 Mb memory	Opt. 721	
Upgrade from Series 949 with 64 Mb memory	Opt. 722	
Return Series 922LX	Opt. 723	
Return Series 922RX	Opt. 724	
Return Series 922	Opt. 725	
Return Series 932	Opt. 726	

* Select a System Support Option. Refer to Table 1 on page 49.



HP 3000 900 Series Business Systems and Servers (cont'd)

Description	Product No./ Option No.	PRICE
Series 980/100 System (cont'd)	A1134A	
Return 304 Mb disk mechanism	Opt. 727	
Return 670 Mb disk mechanism	Opt. 728	
Return Series 948	Opt. 729	
Return Series 958	Opt. 730	
Return Series 920	Opt. 731	
Delete TurboIMAGE (SQL-only)	Opt. 910	
Delete ALLBASE/SQL (TurboIMAGE-only)	Opt. 915	
Delete TurboIMAGE and ALLBASE/SQL (MPE-only)	Opt. 920	
Series 980/200 System*	A1149A	
Includes MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL software with a Class License to Use on Series 980/200.		
Two HP PA-RISC System Processors		
Floating point coprocessor		
256 Mb memory (four 64 Mb cards)		
Two Memory Controller Cards		
Dual Channel I/O Buses (CIBs)		
Two CTB adapters and ten I/O slots		
Two HP-IB device adapters		
6 Meter AUI cable, ThickMAU and tap for SPU attachment for ThickLAN cable; ThinMAU with integrated AUI cable for attachment to ThinLAN cable		
Powerfail battery backup system		
Support Tape media	Opt. AAH	
Configures system to 380 VAC, 50Hz	Opt. 015	
Configures system to 415 VAC, 50Hz	Opt. 016	
Add-on 16 Mb memory	Opt. 500	
Add-on 64 Mb memory	Opt. 502	
Substitute one HP-FL channel for one HP-IB channel. (Customers can return additional memory through memory expansion return credits.)	Opt. 550	
Return credit 4 Mb memory with MICRO LX/GX/RX	Opt. 700	
Return credit 81 Mb disk with MICRO 3000 LX	Opt. 701	
Return credit 152 Mb disk with MICRO LX/GX/RX	Opt. 702	
Return credit 304 Mb disk with MICRO LX/GX/RX	Opt. 703	
Upgrade from MICRO 3000 or 3000LX with 2 Mb	Opt. 704	
Upgrade from MICRO 3000 with 4 Mb, 3000GX/RX with 2 Mb	Opt. 705	
Upgrade from MICRO 3000XE	Opt. 706	
Upgrade from pre-Series II/30/33, HP 2000	Opt. 707	
Upgrade from Series III	Opt. 708	
Upgrade from HP 250	Opt. 709	
Upgrade from HP 260	Opt. 710	
Upgrade from Series 37, 37XE, 39, 40 with no memory	Opt. 711	
Upgrade from Series 39HP, 42, 44 with no memory	Opt. 712	
Upgrade from Series 48, with 1 Mb memory	Opt. 713	
Upgrade from 42XP, 52 with 4 Mb memory	Opt. 714	
Upgrade from Series 58 with 4 Mb memory	Opt. 715	
Upgrade from Series 64 with 2 Mb memory	Opt. 716	
Upgrade from Series 68 with 2 Mb memory	Opt. 717	
Upgrade from Series 70 with 4 Mb memory	Opt. 718	
Upgrade from Series 925LX with 24 Mb memory	Opt. 719	
Upgrade from Series 925 with 32 Mb memory	Opt. 720	

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Description	Product No./ Option No.	PRICE
Series 980/200 System (cont'd)	A1149A	
Upgrade from Series 935 with 48 Mb memory	Opt 721	
Upgrade from Series 949 with 64 Mb memory	Opt 722	
Return Series 922LX	Opt 723	
Return Series 922RX	Opt 724	
Return Series 922	Opt 725	
Return Series 932	Opt 726	
Return 304 Mb disk mechanism	Opt 727	
Return 670 Mb disk mechanism	Opt 728	
Return Series 948	Opt 729	
Return Series 958	Opt 730	
Return Series 920	Opt 731	
Delete TurboIMAGE (SQL-only)	Opt 910	
Delete ALLBASE/SQL (TurboIMAGE-only)	Opt 915	
Delete TurboIMAGE and ALLBASE/SQL (MPE-only)	Opt 920	
Series 980/300 System*	A1150A	
Includes 320 Mb memory (four 64 Mb cards and four 16 Mb cards), MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL software with a Class License to Use on Series 980/300.		
Support Tape media	Opt AAH	
Configures system to 380 VAC, 50Hz	Opt 015	
Configures system to 415 VAC, 50Hz	Opt 016	
Add-on 16 Mb memory	Opt 500	
Add-on 64 Mb memory	Opt 502	
Replace four 16 Mb cards (standard) with one 64 Mb card. (NOTE: Some performance degradation with odd number of 16 Mb or 64 Mb cards.)	Opt 522	
Substitute one HP-FL channel for one HP-IB channel. (Customers can return additional memory through memory expansion return credits.)	Opt 550	
Return credit 4 Mb memory with MICRO LX/GX/RX	Opt 700	
Return credit 81 Mb disk with MICRO 3000 LX	Opt 701	
Return credit 152 Mb disk with MICRO LX/GX/RX	Opt 702	
Return credit 304 Mb disk with MICRO LX/GX/RX	Opt 703	
Upgrade from MICRO 3000 or 3000LX with 2 Mb	Opt 704	
Upgrade from MICRO 3000 with 4 Mb, 3000GX/RX with 2 Mb	Opt 705	
Upgrade from MICRO 3000XE	Opt 706	
Upgrade from pre-Series II/30/33, HP 2000	Opt 707	
Upgrade from Series III	Opt 708	
Upgrade from HP 250	Opt 709	
Upgrade from HP 260	Opt 710	
Upgrade from Series 37, 37XE, 39, 40 with no memory	Opt 711	
Upgrade from Series 39HP, 42, 44 with no memory	Opt 712	
Upgrade from Series 48, with 1 Mb memory	Opt 713	
Upgrade from 42XP, 52 with 4 Mb memory	Opt 714	
Upgrade from Series 58 with 4 Mb memory	Opt 715	
Upgrade from Series 64 with 2 Mb memory	Opt 716	
Upgrade from Series 68 with 2 Mb memory	Opt 717	

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Description	Product No./ Option No.	PRICE
Series 980/300 System (cont'd)	A1150A	
Upgrade from Series 70 with 4 Mb memory	Opt. 718	
Upgrade from Series 925LX with 24 Mb memory	Opt. 719	
Upgrade from Series 925 with 32 Mb memory	Opt. 720	
Upgrade from Series 935 with 48 Mb memory	Opt. 721	
Upgrade from Series 949 with 64 Mb memory	Opt. 722	
Return Series 922LX	Opt. 723	
Return Series 922RX	Opt. 724	
Return Series 922	Opt. 725	
Return Series 932	Opt. 726	
Return 340 Mb disk mechanism	Opt. 727	
Return 670 Mb disk mechanism	Opt. 728	
Return Series 948	Opt. 729	
Return Series 958	Opt. 730	
Return Series 920	Opt. 731	
Delete TurboIMAGE (SQL-only)	Opt. 910	
Delete ALLBASE/SQL (TurboIMAGE-only)	Opt. 915	
Delete TurboIMAGE and ALLBASE/SQL (MPE-only)	Opt. 920	
Series 980/400 System*	A1151A	
Includes 384 Mb memory (six 64 Mb cards), MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL software with a Class License to Use on Series 980/400.		
Support Tape media	Opt. AAH	
Configures system to 380 VAC, 50Hz	Opt. 015	
Configures system to 415 VAC, 50Hz	Opt. 016	
Add-on 16 Mb memory	Opt. 500	
Add-on 64 Mb memory	Opt. 502	
Substitute one HP-FL channel for one HP-IB channel	Opt. 550	
Return credit 4 Mb memory with MICRO LX/GX/RX	Opt. 700	
Return credit 81 Mb disk with MICRO 3000 LX	Opt. 701	
Return credit 152 Mb disk with MICRO LX/GX/RX	Opt. 702	
Return credit 304 Mb disk with MICRO LX/GX/RX	Opt. 703	
Upgrade from MICRO 3000 or 3000LX with 2 Mb	Opt. 704	
Upgrade from MICRO 3000 with 4 Mb, 3000GX/RX with 2 Mb	Opt. 705	
Upgrade from MICRO 3000XE	Opt. 706	
Upgrade from pre-Series II/30/33, HP 2000	Opt. 707	
Upgrade from Series III	Opt. 708	
Upgrade from HP 250	Opt. 709	
Upgrade from HP 260	Opt. 710	
Upgrade from Series 37, 37XE, 39, 40 with no memory	Opt. 711	
Upgrade from Series 39HP, 42, 44 with no memory	Opt. 712	
Upgrade from Series 48, with 1 Mb memory	Opt. 713	
Upgrade from 42XP, 52 with 4 Mb memory	Opt. 714	
Upgrade from Series 58 with 4 Mb memory	Opt. 715	
Upgrade from Series 64 with 2 Mb memory	Opt. 716	
Upgrade from Series 68 with 2 Mb memory	Opt. 717	
Upgrade from Series 70 with 4 Mb memory	Opt. 718	

* Select a System Support Option. Refer to Table 1 on page 49.

HP 3000 900 Series Business Systems and Servers (cont'd)

Description	Product No./ Option No.	PRICE	
Series 980/400 System (cont'd)	A1151A		
Upgrade from Series 925LX with 24 Mb memory	Opt 719		
Upgrade from Series 925 with 32 Mb memory	Opt 720		
Upgrade from Series 935 with 48 Mb memory	Opt 721		
Upgrade from Series 949 with 64 Mb memory	Opt 722		
Return Series 922LX	Opt 723		
Return Series 922RX	Opt 724		
Return Series 922	Opt 725		
Return Series 932	Opt 726		
Return 340 Mb disk mechanism	Opt 727		
Return 670 Mb disk mechanism	Opt 728		
Return Series 948	Opt 729		
Return Series 958	Opt 730		
Return Series 920	Opt 731		
Delete TurbolIMAGE (SQL-only)	Opt 910		
Delete ALLBASE/SQL, includes MPE/XL and System Dictionary (IMAGE/SQL-only system)	Opt 915		
Delete TurbolIMAGE, ALLBASE/SQL, and System Dictionary (MPE-only system)	Opt 920		

*** Select a System Support Option. Refer to Table 1 on page 49.**

HP 3000 Corporate Business Systems

Description	Product No./ Option No.	PRICE
HP 3000 Corporate Business System DX* Standard System Software includes: Systems Management Software TurboSTORE/XL II w/on-line backup for rewritable optical disk AutoRestart/XL ThinLAN 3000/XL Management Node Software for the OpenView console OpenView console software Performance Management Software HP LaserRX/MPE RX Forecast GlancePLUS/XL Standard Integrated Hardware includes: Central Processing Unit and SPU cabinet Error correcting memory with on-board memory controllers One 802.3 Local Area Network (LAN) Interface Channel/ Console Card for Network and Datacomm. and Terminal Controller (DTC) communications and console attachment Power supply Integrated powerfail battery backup system One Small Computer System Interface (SCSI) card One HP-IB Interface with Precision Bus adapter (PBA-IB) One HP-FL Fiber-optic link peripheral interface card (PB-FL) Embedded HP-PB (Precision Bus) I/O card cage with seven remaining single-high card slots available Floating point coprocessor on each processor Vectra PC Console	A1809A	
The following options are for systems with a Class/Concurrent License to Use MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL		
Processors:		
990 DX with 128 Mb main memory for 1-100 users	Opt. 820	
992/100 DX with 128 Mb main memory for 1-100 users	Opt. 821	
992/200 DX with 128 Mb main memory for 1-100 users	Opt. 822	
992/300 DX with 128 Mb main memory for 1-100 users	Opt. 823	
992/400 DX with 128 Mb main memory for 1-100 users	Opt. 824	
User License Upgrades:		
Upgrade 100 to 160 user license	Opt. U01	
Upgrade to 256 user license	Opt. U02	
Upgrade to 384 user license	Opt. U03	
Upgrade to unlimited user license	Opt. U04	
The following options are for systems with a Class/Concurrent License to Use MPE/iX FOS and IMAGE/SQL		
Processors:		
990 DX with 128 Mb main memory for 1-100 users	Opt. 825	
992/100 DX with 128 Mb Main Memory for 1-100 users	Opt. 826	
992/200 DX with 128 Mb main memory for 1-100 users	Opt. 827	
992/300 DX with 128 Mb main memory for 1-100 users	Opt. 828	
992/400 DX with 128 Mb main memory for 1-100 users	Opt. 829	
User License Upgrades:		
Upgrade 100 to 160 user license	Opt. U06	
Upgrade to 256 user license	Opt. U07	
Upgrade to 384 user license	Opt. U08	
Upgrade to unlimited user license	Opt. U09	

* Select HP Premier Account Support. Refer to Table 1.2 on page 52.

HP 3000 Corporate Business Systems (cont'd)

Description	Product No./ Option No.	PRICE
HP 3000 Corporate Business System DX (cont'd)		
A1809A		
The following options are for systems with a Class/Concurrent License to Use MPE/iX FOS and ALLBASE/SQL		
Processors:		
990 DX with 128 Mb main memory for 1-100 users	Opt. 830	
992/100 DX with 128 Mb main memory for 1-100 users	Opt. 831	
992/200 DX with 128 Mb main memory for 1-100 users	Opt. 832	
992/300 DX with 128 Mb main memory for 1-100 users	Opt. 833	
992/400 DX with 128 Mb main memory for 1-100 users	Opt. 834	
User License Upgrades:		
Upgrade 100 to 160 user license	Opt. U11	
Upgrade to 256 user license	Opt. U12	
Upgrade to 384 user license	Opt. U13	
Upgrade to unlimited user license	Opt. U14	
The following options are for systems with a Class/Concurrent License to Use MPE/iX FOS		
Processors:		
990 DX with 128 Mb main memory for 1-100 users	Opt. 835	
992/100 DX with 128 Mb main memory for 1-100 users	Opt. 836	
992/200 DX with 128 Mb main memory for 1-100 users	Opt. 837	
992/300 DX with 128 Mb main memory for 1-100 users	Opt. 838	
992/400 DX with 128 Mb main memory for 1-100 users	Opt. 839	
User License Upgrades:		
Upgrade 100 to 160 user license	Opt. U16	
Upgrade to 256 user license	Opt. U17	
Upgrade to 384 user license	Opt. U18	
Upgrade to unlimited user license	Opt. U19	
COMMON OPTIONS		
Consulting:		
Consulting Implementation Services	Opt. 0NS	
Power -- Must order one of Options 017 or 018		
200-240 VAC 50/60 Hz single phase for Europe	Opt. 017	
200-240 VAC 50/60 Hz single phase for North America and Asia	Opt. 018	
Memory:		
Add 64 Mb	Opt. 503	
Replace 128 Mb with 256 card	Opt. 522	
Add 128 Mb	Opt. 504	
Add 256 Mb	Opt. 505	
Add 384 Mb	Opt. 506	
Add 512 Mb	Opt. 507	
Add 640 Mb	Opt. 508	
Add 768 Mb	Opt. 509	
Add 1,024 Mb	Opt. 511	

* Select HP Premier Account Support. Refer to Table 1.2 on page 52.

HP 3000 Corporate Business Systems (cont'd)

Description	Product No./ Option No.	PRICE
HP 3000 Corporate Business System DX (cont'd)	A1809A	
Upgrade Options:		
Return MICRO 3000/3000LX	Opt 704	
Return MICRO 3000GX/RX	Opt 705	
Return MICRO 3000XE	Opt 706	
Return Series II, III, 30, 33, 37, 37XE	Opt 707	
Return HP 250/260	Opt 708	
Return Series 39, 40, 42, 44, 48	Opt 709	
Return Series 42XP, 52, 58	Opt 710	
Return Series 64, 68	Opt 711	
Return Series 70	Opt 712	
Return Series 920 or 917LX	Opt 713	
Return Series 925LX	Opt 714	
Return Series 922LX or 927LX	Opt 715	
Return Series 925, 922RX, 922 or 937LX	Opt 716	
Return Series 935, 932, 947LX or 937	Opt 717	
Return Series 949, 948	Opt 718	
Return Series 955 or 967LX	Opt 719	
Return Series 960, 958	Opt 720	
Return Series 950, 947 or 957LX	Opt 721	
Return Series 957	Opt 722	
Return Series 967	Opt 723	
Return Series 977	Opt 724	
Return Series 980/100	Opt 725	
Return Series 980/200	Opt 726	
Return Series 980/300	Opt 727	
Return Series 980/400	Opt 728	
Software Delete Options:		
Delete Systems Management S/W and Vectra PC Console	Opt 931	
Delete Performance Management Software	Opt 932	
Country/Language	Language Options	
U.S. English localized keyboard, power cord	Opt ABA	
English/Europe localized keyboard, power cord	Opt ABB	
German localized keyboard, power cord, manuals	Opt ABD	
Spanish localized keyboard, power cord	Opt ABE	
French localized keyboard, power cord, manuals	Opt ABF	
Australian localized keyboard, power cord	Opt ABG	
Dutch localized keyboard, power cord	Opt ABH	
Spanish/Latin American localized keyboard, power cord	Opt ABM	
Norwegian localized keyboard, power cord	Opt ABN	
Swiss/German localized keyboard, power cord	Opt ABP	
Swiss/French localized keyboard, power cord	Opt ABQ	
Swedish localized keyboard, power cord	Opt ABS	
English (UK) localized keyboard, power cord	Opt ABU	
Flemish localized keyboard, power cord	Opt ABW	
Finnish localized keyboard, power cord	Opt ABX	
Danish localized keyboard, power cord	Opt ABY	
Italian localized keyboard, power cord	Opt ABZ	
NOTE: A console localization option is required.		

* Select HP Premier Account Support. Refer to Table 1.2 on page 52.

HP 3000 Corporate Business Systems (cont'd)

Description	Product No./ Option No.	PRICE
HP 3000 Corporate Business System* Standard Integrated Hardware includes: Central Processing Unit and SPU cabinet Error correcting memory with on-board memory controllers One 802.3 Local Area Network (LAN) Interface Channel Console Card for Network and Datacomm. and Terminal Controller (DTC) communications and console attachment Power supply Integrated powerfail battery backup system One Small Computer System Interface (SCSI) card One HP-IB Interface with Precision Bus adapter (PBA-IB) One HP-FL Fiber-optic link peripheral interface card Embedded HP-PB (Precision Bus) I/O card cage with seven remaining single-high card slots available Floating point coprocessor on each processor HP 700/96 Console	A1811A	

The following options are for systems with a Class/Concurrent License to Use MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL

Processors:		
990 with 128 Mb main memory for 1-100 users	Opt. 820	
992/100 with 128 Mb main memory for 1-100 users	Opt. 821	
992/200 with 128 Mb main memory for 1-100 users	Opt. 822	
992/300 with 128 Mb main memory for 1-100 users	Opt. 823	
992/400 with 128 Mb main memory for 1-100 users	Opt. 824	
User License Upgrades:		
Upgrade 100 to 160 user license	Opt. U01	
Upgrade to 256 user license	Opt. U02	
Upgrade to 384 user license	Opt. U03	
Upgrade to unlimited user license	Opt. U04	

The following options are for systems with a Class/Concurrent License to Use MPE/iX FOS and IMAGE/SQL

Processors:		
990 with 128 Mb main memory for 1-100 users	Opt. 825	
992/100 with 128 Mb main memory for 1-100 users	Opt. 826	
992/200 with 128 Mb main memory for 1-100 users	Opt. 827	
992/300 with 128 Mb main memory for 1-100 users	Opt. 828	
992/400 with 128 Mb main memory for 1-100 users	Opt. 829	
User License Upgrades:		
Upgrade 100 to 160 user license	Opt. U06	
Upgrade to 256 user license	Opt. U07	
Upgrade to 384 user license	Opt. U08	
Upgrade to unlimited user license	Opt. U09	

The following options are for systems with a Class/Concurrent License to Use MPE/iX FOS and ALLBASE/SQL

Processors:		
990 with 128 Mb main memory for 1-100 users	Opt. 830	
992/100 with 128 Mb main memory for 1-100 users	Opt. 831	
992/200 with 128 Mb main memory for 1-100 users	Opt. 832	
992/300 with 128 Mb main memory for 1-100 users	Opt. 833	
992/400 with 128 Mb main memory for 1-100 users	Opt. 834	

* Select HP Premier Account Support. Refer to Table 1.2 on page 52.

HP 3000 Corporate Business Systems (cont'd)

Description	Product No/ Option No.	PRICE	
HP 3000 Corporate Business System (cont'd)	A1811A		
User License Upgrades:			
Upgrade 100 to 160 user license	Opt. U11		
Upgrade to 256 user license	Opt. U12		
Upgrade to 384 user license	Opt. U13		
Upgrade to unlimited user license	Opt. U14		
The following options are for systems with a Class/Concurrent License to Use MPE/iX FOS			
Processors:			
990 with 128 Mb main memory for 1-100 users	Opt. 835		
992/100 with 128 Mb main memory for 1-100 users	Opt. 836		
992/200 with 128 Mb main memory for 1-100 users	Opt. 837		
992/300 with 128 Mb main memory for 1-100 users	Opt. 838		
992/400 with 128 Mb main memory for 1-100 users	Opt. 839		
User License Upgrades:			
Upgrade 100 to 160 user license	Opt. U16		
Upgrade to 256 user license	Opt. U17		
Upgrade to 384 user license	Opt. U18		
Upgrade to unlimited user license	Opt. U19		
COMMON OPTIONS			
Consulting:			
Consulting Implementation Services	Opt. 0NS		
Hardware Delete Option:			
Delete System Console	Opt. 1B6		
Power -- Must order one of Options 017 or 018			
200-240 VAC 50/60 Hz single phase for Europe	Opt. 017		
200-240 VAC 50/60 Hz single phase for North America and Asia	Opt. 018		
Memory:			
Add 64 Mb	Opt. 503		
Replace 128 Mb with 256 card	Opt. 522		
Add 128 Mb	Opt. 504		
Add 256 Mb	Opt. 505		
Add 384 Mb	Opt. 506		
Add 512 Mb	Opt. 507		
Add 640 Mb	Opt. 508		
Add 768 Mb	Opt. 509		
Add 1,024 Mb	Opt. 511		
Upgrade Credits:			
Return MICRO 3000/3000LX	Opt. 704		
Return MICRO 3000GX/RX	Opt. 705		
Return MICRO 3000XE	Opt. 706		
Return Series II, III, 30, 33, 37, 37XE	Opt. 707		
Return HP 250/260	Opt. 708		
Return Series 39, 40, 42, 44, 48	Opt. 709		
Return Series 42XP, 52, 58	Opt. 710		

* Select HP Premier Account Support. Refer to Table 1.2 on page 52.

HP 3000 Corporate Business Systems (cont'd)

Description	Product No./ Option No.	PRICE	
HP 3000 Corporate Business System (cont'd)	A1811A		
Return Series 64, 68	Opt 711		
Return Series 70	Opt 712		
Return Series 920 or 917LX	Opt 713		
Return Series 925LX	Opt 714		
Return Series 922LX or 927LX	Opt 715		
Return Series 925, 922RX, 922 or 937LX	Opt 716		
Return Series 935, 932, 947LX or 937	Opt 717		
Return Series 949, 948	Opt 718		
Return Series 955 or 967LX	Opt 719		
Return Series 960, 958	Opt 720		
Return Series 950, 947 or 957LX	Opt 721		
Return Series 957	Opt 722		
Return Series 967	Opt 723		
Return Series 977	Opt 724		
Return Series 980/100	Opt 725		
Return Series 980/200	Opt 726		
Return Series 980/300	Opt 727		
Return Series 980/400	Opt 728		
Country/Language	Language Options		
U.S. English localized keyboard, power cord	Opt ABA		
English/Europe localized keyboard, power cord	Opt ABB		
French-Canadian localized keyboard, N. American power cord, French manuals	Opt ABC		
German localized keyboard, power cord, manuals	Opt ABD		
Spanish localized keyboard, power cord	Opt ABE		
French localized keyboard, power cord, manuals	Opt ABF		
Australian localized keyboard, power cord	Opt ABG		
Dutch localized keyboard, power cord	Opt ABH		
U.S. keyboard, manual, local power cord	Opt ACF		
Canadian-English localized keyboard, power cord	Opt ABL		
Spanish/Latin American localized keyboard, power cord	Opt ABM		
Norwegian localized keyboard, power cord	Opt ABN		
Swiss/German localized keyboard, power cord	Opt ABP		
Swiss/French localized keyboard, power cord	Opt ABQ		
Republic of South Africa (U.S. keyboard and manual, local power cord)	Opt ABR		
Swedish localized keyboard, power cord	Opt ABS		
English (UK) localized keyboard, power cord	Opt ABU		
Flemish localized keyboard, power cord	Opt ABV		
Finnish localized keyboard, power cord	Opt ABX		
Danish localized keyboard, power cord	Opt ABY		
Italian localized keyboard, power cord	Opt ABZ		
UK Ireland (U.S. keyboard and manual, local power cord)	Opt ACC		
Swiss (U.S. keyboard and manual, local power cord)	Opt ACD		
Denmark (U.S. keyboard and manual, local power cord)	Opt ACE		
Japan (U.S. keyboard and manual, local power cord)	Opt ACF		
NOTE: A console localization option is required.			

* Select HP Premier Account Support. Refer to Table 1.2 on page 52.

Structured Solution Bundle

System Number: **B2345A**
Solution Adjustment: 20%
Description: LAN Manager for the HP 3000
Revision Date: November 1, 1992

Required or Optional Choices	Product Group	Number of Choices Selected	Description	Product No./ Option No.
Required: 1 Maximum: N/A	Shared File/Print Services	☐	HP Resource Sharing	B1718A
Required: 1 Maximum: N/A	Client Software and API Services	☐	HP LAN Manager/XL	32015A
Required: 0 Maximum: N/A	PC Networking Services	☐	HP PC ARPA and Network Services	J2246A

Table 1. HP 3000 900 Series Business Systems and Servers Support Options

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
2345A									
28616A	PB-FL HP-FL Device adapter								
28642A	SCSI 2 Device adapter (NIO SCSI)								
32015A	HP LAN Manager/XL								
36923A	ThinLAN 3000/XL network link								
51453B	MPE/iX Media product								
7980A	Magnetic tape drive								
7980XC	Magnetic tape drive								
A1109A	Series 955 system								
A1109AH	Series 955 system								
A1130A	Series 960 system								
A1134A	Series 980/100 system								
A1149A	Series 980/200 system								
A1150A	Series 980/300 system								
A1151A	Series 980/400 system								
A1747A	PBA-IB Chan-span/HP-IB device adapter								
A1809A	For Premier Account Support, see Table 1.1			For System Support Options see Table 1.2					
A1811A	For Premier Account Support, see Table 1.1			For System Support Options see Table 1.2					
A1884A				For System Support Options see Table 4.1					
A2231AZ	16 MB Memory module								
A2232AZ	32 MB Memory module								
A2293A	Floating point coprocessor								
A2376A	SPU 917LX MPE/IMAGE/ALLBASE								
A2377A	SPU 917LX MPE/IMAGE								
A2378A	SPU 917LX MPE/ALLBASE								
A2379A	SPU 917LX MPE								
A2380A	SPU 927LX MPE/IMAGE/ALLBASE								
A2381A	SPU 927LX MPE/IMAGE								
A2382A	SPU 927LX MPE/ALLBASE								
A2383A	SPU 927LX MPE								
A2384A	SPU 937LX/RX/SX MPE/IMAGE/ALLBASE								
A2385A	SPU 937LX/RX/SX MPE/IMAGE								
A2386A	SPU 937LX/RX/SX MPE/ALLBASE								
A2387A	SPU 937LX/RX/SX MPE								
A2388A	SPU 947LX/RX/SX MPE/IMAGE/ALLBASE								
A2389A	SPU 947LX/RX/SX MPE/IMAGE								
A2390A	SPU 947LX/RX/SX MPE/ALLBASE								
A2391A	SPU 947LX/RX/SX MPE								
A2393A	SPU 957RX/SX MPE/IMAGE/ALLBASE								
A2394A	SPU 957RX/SX MPE/IMAGE								
A2395A	SPU 957RX/SX MPE/ALLBASE								
A2396A	SPU 957RX/SX MPE								
A2397A	SPU 967RX/SX MPE/IMAGE/ALLBASE								
A2398A	SPU 967RX/SX MPE/IMAGE								
A2399A	SPU 967RX/SX MPE/ALLBASE								
A2400A	SPU 967RX/SX MPE								
A2405A	SPU 987RX/SX MPE/IMAGE/ALLBASE								
A2406A	SPU 987RX/SX MPE/IMAGE								
A2407A	SPU 987RX/SX MPE/ALLBASE								
A2408A	SPU 987RX/SX MPE								
A2413A	917LX 2-Slot chassis								
A2414A	927LX 2-Slot chassis								
A2415A	937LX 2-Slot chassis								
A2416A	937RX 4-Slot chassis								

OS0: LTU SW/Next Day HW
OS1: LTU SW/Same Day HW

OS2: Tel SW/Next Day HW
OS3: Tel SW/Same Day HW

OS4: Inst./Ntwk. Conf. Cust. Inst. Prod.
OS5: LTU SW/24 x 7 HW

OS6: Tel SW/24 x 7 HW
OSZ: Ntwk. Conf. - HP Inst. Prod.

Table 1. HP 3000 900 Series Business Systems and Servers Support Options (cont'd)

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
A2417A	937SX 12-Slot chassis								
A2418A	947LX 2-Slot chassis								
A2419A	947RX 4-Slot chassis								
A2420A	947SX 12-Slot chassis								
A2421A	957RX 4-Slot chassis								
A2422A	957SX 12-Slot chassis								
A2423A	967RX 4-Slot chassis								
A2424A	967SX 12-Slot chassis								
A2425A	977SX 12-Slot chassis								
A2426A	987SX 12-Slot chassis								
A2445A	1.0 GB Disk drive								
A2446A	Replace 1.0 GB disk drive with 2.0 GB disk drive								
A2511AZ	Replace 32 MB memory with 64 MB module								
A2516AZ	Replace 32 MB memory with 128 MB module								
A2901A	947LX/RX/SX MPE/IMAGE/ALLBASE/SM/PM								
A2902A	947LX/RX/SX MPE/IMAGE/SM/PM								
A2903A	947LX/RX/SX MPE/IMAGE/ALLBASE/SM								
A2904A	947LX/RX/SX MPE/IMAGE/SM								
A2906A	957RX/SX MPE/IMAGE/ALLBASE/SM/PM								
A2907A	957RX/SX MPE/IMAGE/SM/PM								
A2908A	957RX/SX MPE/IMAGE/ALLBASE/SM								
A2909A	957RX/SX MPE/IMAGE/SM								
A2911A	967RX/SX MPE/IMAGE/ALLBASE/SM/PM								
A2912A	967RX/SX MPE/IMAGE/SM/PM								
A2913A	967RX/SX MPE/IMAGE/ALLBASE/SM								
A2914A	967RX/SX MPE/IMAGE/SM								
A2921A	987RX/SX MPE/IMAGE/ALLBASE/SM/PM								
A2922A	987RX/SX MPE/IMAGE/SM/PM								
A2923A	987RX/SX MPE/IMAGE/ALLBASE/SM								
A2924A	987RX/SX MPE/IMAGE/SM								
A3000A	987RX 4-Slot chassis								
A3005A	987/150RX 4-Slot chassis								
A3006A	987/150SX 12-Slot chassis								
A3007A	SPU 987RX/SX 150 MPE/IMAGE/ALLBASE								
A3008A	SPU 987RX/SX 150 MPE/IMAGE								
A3009A	SPU 987RX/SX 150 MPE/ALLBASE								
A3010A	SPU 987RX/SX 150 MPE								
A3016A	SPU 987RX/SX 150 MPE/IMG/ALLBS/SM/PM								
A3017A	SPU 987RX/SX 150 MPE/IMAGE/SM/PM								
A3018A	SPU 987RX/SX 150 MPE/IMG/ALLBASE/SM								
A3019A	SPU 987RX/SX 150 MPE/IMAGE/SM								
B1718A	HP Resource Sharing								
C1001A/G/W	700/92 Terminal								
C1002A/G/W	700/94 Terminal								
C1064A	700/96 Terminal								
C1064AZ	700/96 Terminal								
C1064G	700/96 Terminal								
C1064GZ	700/96 Terminal								
C1064W	700/96 Terminal								
C1064WZ	700/96 Terminal								
C1065A/G/W	700/98 Terminal								
C1084W	700/96ES Terminal								
C1085W	700/98ES Terminal								
C2201A	670 MB Disk drive								

OS0: LTU SW/Next Day HW

OS2: Tel SW/Next Day HW

OS4: Inst./Ntwk. Config. Cust. Inst. Prod.

OS6: Tel SW/24 x 7 HW

OS1: LTU SW/Same Day HW

OS3: Tel SW/Same Day HW

OS5: LTU SW/24 x 7 HW

OSZ: Ntwk. Config. - HP Inst. Prod.

Table 1. HP 3000 900 Series Business Systems and Servers Support Options (cont'd)

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
C2252B	2.7 GB Disk drive								
C2252HA	2.7 GB High availability disk drive								
C2254B	5.4 GB Disk drive								
C2254HA	5.4 GB High availability disk drive								
C2477SZ	2.0 GB DDS DAT Tape drive								
C2476SZ	CD-ROM Drive								
C2797AZ	Rack mount kit								
C2798AZ	Rack mount kit								
J2167A	Token Ring 3000/iX network link								
OS0: LTU SW/Next Day HW		OS2: Tel SW/Next Day HW		OS4: Inst/Ntwk. Config. Cust. Inst. Prod.			OS6: Tel SW/24 x 7 HW		
OS1: LTU SW/Same Day HW		OS3: Tel SW/Same Day HW		OS5: LTU SW/24 x 7 HW			OSZ: Ntwk. Config. - HP Inst. Prod.		

Table 1.1. HP 3000 Corporate Business System Support

Model/ Option No.	Description	Price
H5357A	HP System Support for Premier Accounts	
H5331A	CS 992/100 HP Premier Account Support for regular and DX Systems	
H5332A	CS 992/200 HP Premier Account Support for regular and DX Systems	
H5333A	CS 992/300 HP Premier Account Support for regular and DX Systems	
H5334A	CS 992/400 HP Premier Account Support for regular and DX Systems	
H5340A	CS 990 HP Premier Account Support for regular and DX Systems	
H5677A		
Opt. OPD	CS 992/100 HP Premier Account Support for regular and DX Systems	
Opt. OPE	CS 992/200 HP Premier Account Support for regular and DX Systems	
Opt. OPF	CS 992/300 HP Premier Account Support for regular and DX Systems	
Opt. OPG	CS 992/400 HP Premier Account Support for regular and DX Systems	
Opt. OPH	CS 990 HP Premier Account Support for regular and DX Systems	
H5678A		
Opt. OPN	CS 992/100 HP Premier Account Support for regular and DX Systems	
Opt. OPP	CS 992/200 HP Premier Account Support for regular and DX Systems	
Opt. OPQ	CS 992/300 HP Premier Account Support for regular and DX Systems	
Opt. OPR	CS 992/400 HP Premier Account Support for regular and DX Systems	
Opt. OPS	CS 990 HP Premier Account Support for regular and DX Systems	

HP 3000 900 Series Business Systems and Servers

Product numbers A1809A and A1811A require System Support Options 0 (x) (alpha).

3. Choose one of the System Support Options associated with that processor option.

To order the correct System Support Option:

1. Select appropriate processor option.
2. Determine desired level of support.

Each 0 (x) (alpha) System Support Option description will specifically reference the processor option the support is being purchased for.
(NOTE: The support deliverables are the same as those for 0S0-0S6 and are referenced in the column heading.

EXAMPLE:

"EMERALD"

	Product No./ Option No.	PRICE
HP 3000 Corporate Business System DX	A1809A	
Includes MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL		
990 DX	Opt. 820	
	Opt. 0SD	

Option 0SD System Support: Telephone/4 hr. Support for A1809A, Opt. 820

Table 1.2. System Support Options -- HP 3000 Corporate Business Systems

Order w/Prod. Number	Prod. Opt.	These options equivalent to:											
		0S0 LTU/ND	Price	0S1 LTU/4HR	Price	0S2 TEL/ND	Price	0S3 TEL/4 HR	Price	0S5 LTU/24	Price	0S6 TEL/24	Price
A1809A	820	0SA		0SB		0SC		0SD		0TA		0TB	
	821	0SE		0SF		0SG		0SH		0TC		0TD	
	822	0SJ		0SK		0SL		0SM		0TE		0TF	
	823	0SN		0SP		0SQ		0SR		0TG		0TH	
	824	0SS		0ST		0SU		0SV		0TJ		0TK	
	825	0TL		0TM		0TN		0TP		0TQ		0TR	
	826	0TS		0TT		0TU		0TV		0TW		0TX	
	827	0TY		0TZ		0UA		0UB		0UC		0UD	
	828	0UE		0UF		0UG		0UH		0UJ		0UK	
	829	0UL		0UM		0UN		0UP		0UQ		0UR	
	830	0US		0UT		0UU		0UV		0UW		0UX	
	831	0UY		0UZ		0VA		0VB		0VC		0VD	
	832	0VE		0VF		0VG		0VH		0VJ		0VK	
	833	0VL		0VM		0VN		0VP		0VQ		0VR	
	834	0VS		0VT		0VU		0VV		0VW		0VX	
	835	0VY		0VZ		0WA		0WB		0WC		0WD	
	836	0WD		0WF		0WG		0WH		0WJ		0WK	
	837	0WL		0WM		0WN		0WP		0WQ		0WR	
	838	0WS		0WT		0WU		0WV		0WW		0WX	
	839	0WY		0WZ		0XA		0XB		0XC		0XD	

Table 1.2. System Support Options -- HP 3000 Corporate Business Systems (cont'd)

Order w/Prod. Number	Prod. Opt.	These options equivalent to:											
		0S0		0S1		0S2		0S3		0S5		0S6	
		LTU/ND	Price	LTU/4HR	Price	TEL/ND	Price	TEL/4 HR	Price	LTU/24	Price	TEL/24	Price
A1811A	820	0SA		0SB		0SC		0SD		0TA		0TB	
	821	0SE		0SF		0SG		0SH		0TC		0TD	
	822	0SJ		0SK		0SL		0SM		0TE		0TF	
	823	0SN		0SP		0SQ		0SR		0TG		0TH	
	824	0SS		0ST		0SU		0SV		0TJ		0TK	
	825	0TL		0TM		0TN		0TP		0TQ		0TR	
	826	0TS		0TT		0TU		0TV		0TW		0TX	
	827	0TY		0TZ		0UA		0UB		0UC		0UD	
	828	0UE		0UF		0UG		0UH		0UJ		0UK	
	829	0UL		0UM		0UN		0UP		0UQ		0UR	
	830	0US		0UT		0UU		0UV		0UW		0UX	
	831	0UY		0UZ		0VA		0VB		0VC		0VD	
	832	0VE		0VF		0VG		0VH		0VJ		0VK	
	833	0VL		0VM		0VN		0VP		0VQ		0VR	
	834	0VS		0VT		0VU		0VV		0VW		0VX	
	835	0VY		0VZ		0WA		0WB		0WC		0WD	
	836	0WD		0WF		0WG		0WH		0WJ		0WK	
	837	0WL		0WM		0WN		0WP		0WQ		0WR	
	838	0WS		0WT		0WU		0WV		0WW		0WX	
	839	0WY		0WZ		0XA		0XB		0XC		0XD	

900 Series Upgrades

Upgrade Credit/Board Upgrade Matrix

	917LX	927LX	937RX	937LX	947RX	947LX	957RX	957LX	967RX	967LX	977RX	977LX	987RX	987LX	990	992/100	992/200	992/300	992/400
Series 11/111/30/33																			
Series 37, 37XE																			
MICRO 3000																			
MICRO 3000LX																			
MICRO 3000GX																			
MICRO 3000RX																			
MICRO 3000XE																			
Series 39, 40, 44																			
Series 42																			
Series 48																			
Series 42XP, 52																			
Series 58																			
Series 64																			
Series 68																			
Series 70																			
Series 920																			
Series 922LX																			
Series 922RX																			
Series 922																			
Series 932																			
Series 948																			
Series 958																			
Series 925LX																			
Series 925																			
Series 935																			
Series 949																			
Series 950																			
Series 955																			
Series 960																			
Series 957RX/SX																			
Series 967RX/SX																			
Series 977SX																			
Series 987RX/SX																			
Series 980/100																			
Series 980/200																			
Series 980/300																			
Series 980/400																			

900 Series Return Credits

Description	Product No./ Option No.	PRICE
Return MICRO 3000, 3000LX/GX/RX with 2 Mb	32535AN	
Upgrade to Series 917LX (2-slot chassis)	Opt. 100	
Upgrade to Series 927LX (2-slot chassis)	Opt. 101	
Upgrade to Series 937LX (2-slot chassis)	Opt. 102	
Upgrade to Series 937RX (4-slot chassis)	Opt. 103	
Upgrade to Series 937SX (12-slot chassis)	Opt. 104	
Upgrade to Series 947RX (4-slot chassis)	Opt. 105	
Upgrade to Series 947SX (12-slot chassis)	Opt. 106	
Upgrade to Series 957RX (4-slot chassis)	Opt. 107	
Upgrade to Series 957SX (12-slot chassis)	Opt. 108	
Upgrade to Series 967RX (4-slot chassis)	Opt. 109	
Upgrade to Series 967SX (12-slot chassis)	Opt. 110	
Upgrade to Series 987SX (12-slot chassis)	Opt. 112	
Upgrade to Series 947LX (2-slot chassis)	Opt. 113	
Upgrade to Series 987RX (4-slot chassis)	Opt. 114	
Upgrade to Series 987/150RX (4-slot chassis)	Opt. 115	
Return MICRO 3000XE	32545AN	
Upgrade to Series 917LX (2-slot chassis)	Opt. 100	
Upgrade to Series 927LX (2-slot chassis)	Opt. 101	
Upgrade to Series 937LX (2-slot chassis)	Opt. 102	
Upgrade to Series 937RX (4-slot chassis)	Opt. 103	
Upgrade to Series 937SX (12-slot chassis)	Opt. 104	
Upgrade to Series 947RX (4-slot chassis)	Opt. 105	
Upgrade to Series 947SX (12-slot chassis)	Opt. 106	
Upgrade to Series 957RX (4-slot chassis)	Opt. 107	
Upgrade to Series 957SX (12-slot chassis)	Opt. 108	
Upgrade to Series 967RX (4-slot chassis)	Opt. 109	
Upgrade to Series 967SX (12-slot chassis)	Opt. 110	
Upgrade to Series 987SX (12-slot chassis)	Opt. 112	
Upgrade to Series 947LX (2-slot chassis)	Opt. 113	
Upgrade to Series 987RX (4-slot chassis)	Opt. 114	
Upgrade to Series 987/150RX (4-slot chassis)	Opt. 115	
Return pre-Series II, Series III, 30, 33, 37, 37XE, 250/260	32459AN	
Upgrade to Series 917LX (2-slot chassis)	Opt. 100	
Upgrade to Series 927LX (2-slot chassis)	Opt. 101	
Upgrade to Series 937LX (2-slot chassis)	Opt. 102	
Upgrade to Series 937RX (4-slot chassis)	Opt. 103	
Upgrade to Series 937SX (12-slot chassis)	Opt. 104	
Upgrade to Series 947RX (4-slot chassis)	Opt. 105	
Upgrade to Series 947SX (12-slot chassis)	Opt. 106	
Upgrade to Series 957RX (4-slot chassis)	Opt. 107	
Upgrade to Series 957SX (12-slot chassis)	Opt. 108	
Upgrade to Series 967RX (4-slot chassis)	Opt. 109	
Upgrade to Series 967SX (12-slot chassis)	Opt. 110	
Upgrade to Series 987SX (12-slot chassis)	Opt. 112	
Upgrade to Series 947LX (2-slot chassis)	Opt. 113	
Upgrade to Series 987RX (4-slot chassis)	Opt. 114	
Upgrade to Series 987/150RX (4-slot chassis)	Opt. 115	

900 Series Return Credits (cont'd)

Description	Product No./ Option No.	PRICE
Return Series 39, 39HP, 40, 42, 44, 48	32542AN	
Upgrade to Series 927LX (2-slot chassis)	Opt. 101	
Upgrade to Series 937LX (2-slot chassis)	Opt. 102	
Upgrade to Series 937RX (4-slot chassis)	Opt. 103	
Upgrade to Series 937SX (12-slot chassis)	Opt. 104	
Upgrade to Series 947RX (4-slot chassis)	Opt. 105	
Upgrade to Series 947SX (12-slot chassis)	Opt. 106	
Upgrade to Series 957RX (4-slot chassis)	Opt. 107	
Upgrade to Series 957SX (12-slot chassis)	Opt. 108	
Upgrade to Series 967RX (4-slot chassis)	Opt. 109	
Upgrade to Series 967SX (12-slot chassis)	Opt. 110	
Upgrade to Series 987SX (12-slot chassis)	Opt. 112	
Upgrade to Series 947LX (2-slot chassis)	Opt. 113	
Upgrade to Series 987RX (4-slot chassis)	Opt. 114	
Upgrade to Series 987/150RX (4-slot chassis)	Opt. 115	
Return Series 42XP, 52, 58	32552AN	
Upgrade to Series 937LX (2-slot chassis)	Opt. 102	
Upgrade to Series 937RX (4-slot chassis)	Opt. 103	
Upgrade to Series 937SX (12-slot chassis)	Opt. 104	
Upgrade to Series 947RX (4-slot chassis)	Opt. 105	
Upgrade to Series 947SX (12-slot chassis)	Opt. 106	
Upgrade to Series 957RX (4-slot chassis)	Opt. 107	
Upgrade to Series 957SX (12-slot chassis)	Opt. 108	
Upgrade to Series 967RX (4-slot chassis)	Opt. 109	
Upgrade to Series 967SX (12-slot chassis)	Opt. 110	
Upgrade to Series 987SX (12-slot chassis)	Opt. 112	
Upgrade to Series 947LX (2-slot chassis)	Opt. 113	
Upgrade to Series 987RX (4-slot chassis)	Opt. 114	
Upgrade to Series 987/150RX (4-slot chassis)	Opt. 115	
Return Series 64, 68, 70	A2478AN	
Upgrade to Series 937LX (2-slot chassis)	Opt. 102	
Upgrade to Series 937RX (4-slot chassis)	Opt. 103	
Upgrade to Series 937SX (12-slot chassis)	Opt. 104	
Upgrade to Series 947RX (4-slot chassis)	Opt. 105	
Upgrade to Series 947SX (12-slot chassis)	Opt. 106	
Upgrade to Series 957RX (4-slot chassis)	Opt. 107	
Upgrade to Series 957SX (12-slot chassis)	Opt. 108	
Upgrade to Series 967RX (4-slot chassis)	Opt. 109	
Upgrade to Series 967SX (12-slot chassis)	Opt. 110	
Upgrade to Series 987SX (12-slot chassis)	Opt. 112	
Upgrade to Series 947LX (2-slot chassis)	Opt. 113	
Upgrade to Series 987RX (4-slot chassis)	Opt. 114	
Upgrade to Series 987/150RX (4-slot chassis)	Opt. 115	

900 Series Return Credits (cont'd)

Description	Product No/ Option No.	PRICE
Return Series 920, 922LX	A1702AN	
Upgrade to Series 937LX (2-slot chassis)	Opt. 102	
Upgrade to Series 937RX (4-slot chassis)	Opt. 103	
Upgrade to Series 937SX (12-slot chassis)	Opt. 104	
Upgrade to Series 947RX (4-slot chassis)	Opt. 105	
Upgrade to Series 947SX (12-slot chassis)	Opt. 106	
Upgrade to Series 957RX (4-slot chassis)	Opt. 107	
Upgrade to Series 957SX (12-slot chassis)	Opt. 108	
Upgrade to Series 967RX (4-slot chassis)	Opt. 109	
Upgrade to Series 967SX (12-slot chassis)	Opt. 110	
Upgrade to Series 987SX (12-slot chassis)	Opt. 112	
Upgrade to Series 947LX (2-slot chassis)	Opt. 113	
Upgrade to Series 987RX (4-slot chassis)	Opt. 114	
Upgrade to Series 987/150RX (4-slot chassis)	Opt. 115	
Return Series 925LX, 925	A1032AN	
Upgrade to Series 937LX (2-slot chassis)	Opt. 102	
Upgrade to Series 937RX (4-slot chassis)	Opt. 103	
Upgrade to Series 937SX (12-slot chassis)	Opt. 104	
Upgrade to Series 947RX (4-slot chassis)	Opt. 105	
Upgrade to Series 947SX (12-slot chassis)	Opt. 106	
Upgrade to Series 957RX (4-slot chassis)	Opt. 107	
Upgrade to Series 957SX (12-slot chassis)	Opt. 108	
Upgrade to Series 967RX (4-slot chassis)	Opt. 109	
Upgrade to Series 967SX (12-slot chassis)	Opt. 110	
Upgrade to Series 987SX (12-slot chassis)	Opt. 112	
Upgrade to Series 947LX (2-slot chassis)	Opt. 113	
Upgrade to Series 987RX (4-slot chassis)	Opt. 114	
Upgrade to Series 987/150RX (4-slot chassis)	Opt. 115	
Return Series 922RX, 922	A1033AN	
Upgrade to Series 937LX (2-slot chassis)	Opt. 102	
Upgrade to Series 937RX (4-slot chassis)	Opt. 103	
Upgrade to Series 937SX (12-slot chassis)	Opt. 104	
Upgrade to Series 947RX (4-slot chassis)	Opt. 105	
Upgrade to Series 947SX (12-slot chassis)	Opt. 106	
Upgrade to Series 957RX (4-slot chassis)	Opt. 107	
Upgrade to Series 957SX (12-slot chassis)	Opt. 108	
Upgrade to Series 967RX (4-slot chassis)	Opt. 109	
Upgrade to Series 967SX (12-slot chassis)	Opt. 110	
Upgrade to Series 987SX (12-slot chassis)	Opt. 112	
Upgrade to Series 947LX (2-slot chassis)	Opt. 113	
Upgrade to Series 987RX (4-slot chassis)	Opt. 114	
Upgrade to Series 987/150RX (4-slot chassis)	Opt. 115	

900 Series Return Credits (cont'd)

Description	Product No./ Option No.	PRICE
Return Series 932, 935	A1041AN	
Upgrade to Series 947RX (4-slot chassis)	Opt. 105	
Upgrade to Series 947SX (12-slot chassis)	Opt. 106	
Upgrade to Series 957RX (4-slot chassis)	Opt. 107	
Upgrade to Series 957SX (12-slot chassis)	Opt. 108	
Upgrade to Series 967RX (4-slot chassis)	Opt. 109	
Upgrade to Series 967SX (12-slot chassis)	Opt. 110	
Upgrade to Series 987SX (12-slot chassis)	Opt. 112	
Upgrade to Series 947LX (2-slot chassis)	Opt. 113	
Upgrade to Series 987RX (4-slot chassis)	Opt. 114	
Upgrade to Series 987/150RX (4-slot chassis)	Opt. 115	
Return Series 948, 949	A1700AN	
Upgrade to Series 967RX (4-slot chassis)	Opt. 109	
Upgrade to Series 967SX (12-slot chassis)	Opt. 110	
Upgrade to Series 987SX (12-slot chassis)	Opt. 112	
Upgrade to Series 987RX (4-slot chassis)	Opt. 114	
Upgrade to Series 987/150RX (4-slot chassis)	Opt. 115	
Return Series 950	32490AN	
Upgrade to Series 947RX (4-slot chassis)	Opt. 105	
Upgrade to Series 947SX (12-slot chassis)	Opt. 106	
Upgrade to Series 957RX (4-slot chassis)	Opt. 107	
Upgrade to Series 957SX (12-slot chassis)	Opt. 108	
Upgrade to Series 967RX (4-slot chassis)	Opt. 109	
Upgrade to Series 967SX (12-slot chassis)	Opt. 110	
Upgrade to Series 987SX (12-slot chassis)	Opt. 112	
Upgrade to Series 987RX (4-slot chassis)	Opt. 114	
Upgrade to Series 987/150RX (4-slot chassis)	Opt. 115	
Return Series 955	A1109AN	
Upgrade to Series 957RX (4-slot chassis)	Opt. 107	
Upgrade to Series 957SX (12-slot chassis)	Opt. 108	
Upgrade to Series 967RX (4-slot chassis)	Opt. 109	
Upgrade to Series 967SX (12-slot chassis)	Opt. 110	
Upgrade to Series 987SX (12-slot chassis)	Opt. 112	
Upgrade to Series 987RX (4-slot chassis)	Opt. 114	
Upgrade to Series 987/150RX (4-slot chassis)	Opt. 115	
Return Series 958, 960	A1701AN	
Upgrade to Series 967RX (4-slot chassis)	Opt. 109	
Upgrade to Series 967SX (12-slot chassis)	Opt. 110	
Upgrade to Series 987SX (12-slot chassis)	Opt. 112	
Upgrade to Series 987RX (4-slot chassis)	Opt. 114	
Upgrade to Series 987/150RX (4-slot chassis)	Opt. 115	

917-987/150 Family Upgrades

How to Order:

These two examples are designed to help you use the ordering menus on the following pages.

EXAMPLE 1:

1. You now have a 917LX with an 8 user license for MPE/iX and IMAGE/SQL.
2. You want a 937SX with a 32 user license for MPE/iX and IMAGE/SQL.
3. You should order: Product no. A1790B; Chassis Product no. A2497A; Opt. no. 851 plus User License Upgrade (Col. B) no. A2487A; Opt. no. 131.

Select from column D (A2491A) if upgrading from system with MPE/iX FOS only

Select from column C (A2489A) if upgrading from system with MPE/iX and ALLBASE/SQL

Select from column B (A2487A) if upgrading from system with MPE/iX and IMAGE/SQL

Select from column A (A2485A) if upgrading from system with MPE/iX, IMAGE/SQL and ALLBASE/SQL

Option No.	Upgrade from System/User Lic.	Upgrade to S937RX/User Lic.	A	B	C	D
			A2485A	A2487A	A2489A	A2491A
131	S917 8 user	32 user				
231	S927 20 user	32 user				
331	S937 32 user	32 user				
332	S937 40 user	40 user				
333	S937 64 user	64 user				

Example of CPU Upgrade Table



EXAMPLE 2:

To increase the number of users beyond a standard user base that comes with the SPU, you need to purchase incrementally upgraded user licenses. In this example, the desired increase is from 64 to 256 users. The CPU Upgrade table provides a user license upgrade from 64 to 100 users. The Additional User License Upgrade table provides the upgrade from 100 to 160 users and the upgrade from 160 to 256 users. To determine the total cost, combine the prices of all these upgrades.

1. You now have a 947LX with a 64 user license for MPE/iX, IMAGE/SQL and ALLBASE/SQL.
2. You want a 967RX with a 256 user license for the same software as above.
3. You should order: Product no. A2484A; Chassis Product no. A2928A; Opt. no. 856 plus User License Upgrades:
 - 64 to 100 User License no. A2485A (Col. A of CPU Upgrade table); Opt. no. 404.
 - 100 to 160 User License no. A3020A (Col. A of User License Upgrade table); Opt. no. UCN.
 - 160 to 256 User License no. A2486A (Column A of User License Upgrade table); Opt. no. UAD.

Additional User License Upgrade Table

Option No.	Increase S967RX User License	A	B	C	D
		A3020A	A3021A	A3022A	A2492A
UCN	Increase 100 user to 160 user license				
UAD	Increase 160 user to 256 user license				
UAT	Increase 256 user to Unlimited user license				

9x7 Field Upgrade Path Summary

(Summary of chassis and/or process upgrades supported)

To From	917LX	927LX	937LX	947LX	937RX	947RX	957RX	967RX	987RX	987/150RX	937SX	947SX	957SX	967SX	987SX	987/150SX
917LX		X	X		X						X					
927LX			X	X	X	X					X	X				
937LX				X	X	X	X				X	X	X			
947LX						X	X	X	X			X	X	X	X	
957LX							X	X	X				X	X	X	
967LX								X	X	X				X	X	X
937RX						X	X				X	X	X			
947RX							X	X	X			X	X	X	X	
957RX								X	X				X	X	X	
967RX									X	X				X	X	X
987RX										X					X	X
987/150RX																X
937/937SX												X	X			
947/947SX													X	X	X	
957/957SX														X	X	
967/967SX															X	X
977/977SX															X	X
987/987SX																X
987/150SX																

900 Series Upgrades

9x7LX/RX/SX series field upgrades require the return of ALL boards removed and/or replaced. This

includes the processor board. De-installed boards become the property of HP and per Condition

of Sale must be returned to Support Materials Organization (SMO, C200).

Field upgrade to HP 3000 Series 927LX Main Product Number: A1789B															
For field upgrades, must select one product/option from section 1 AND from section 2. In section 2: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL Select from column B if upgrading system with IMAGE/SQL Select from column C if upgrading system with ALLBASE/SQL Select from column D if upgrading system with MPE/iX FOS only.															
1. Select the chassis to be upgraded to S927LX 2-slot chassis.															
A2494A Opt. 851 Series 917LX 2-slot chassis			Price												
2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 927LX.															
Option No.	Upgrade from System/User Lic.	Upgrade to S927LX/User Lic.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">A</th> <th style="width: 15%;">B</th> <th style="width: 15%;">C</th> <th style="width: 15%;">D</th> </tr> <tr> <td style="text-align: center;">A2485A</td> <td style="text-align: center;">A2487A</td> <td style="text-align: center;">A2489A</td> <td style="text-align: center;">A2491A</td> </tr> <tr> <td style="text-align: center;">120</td> <td style="text-align: center;">S917 8 user</td> <td style="text-align: center;">20 user</td> <td></td> </tr> </table>	A	B	C	D	A2485A	A2487A	A2489A	A2491A	120	S917 8 user	20 user	
A	B	C	D												
A2485A	A2487A	A2489A	A2491A												
120	S917 8 user	20 user													
3. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.															
			Price												
A2231A	16MB memory module	Quantity	[]												
A2232A	32MB memory module	Quantity	[]												
A2511A	64MB memory module	Quantity	[]												
A2516A	128MB memory module	Quantity	[]												
4. Optional - May order field-installed floating point coprocessor.															
A2293A Opt. 001 Floating point coprocessor (for current system shipped after 3/15/92). Opt. 101 Floating point coprocessor (for current system shipped on or before 3/15/92).															
5. Must select if current processor is a server.															
A2493A Opt. 100 Server version															

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 937LX

Main Product Number: A1791B

For field upgrade, must select one product/option from section 1 AND from section 2.

In sections 2 and 3: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL
 Select from column B if upgrading system with IMAGE/SQL
 Select from column C if upgrading system with ALLBASE/SQL
 Select from column D if upgrading system with MPE/iX FOS only.

1. Select the chassis to be upgraded to S937LX 2-slot chassis.

Price

A2495A

Opt. 851 Series 917LX 2-slot chassis
 Opt. 852 Series 927LX 2-slot chassis

2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 937LX.

Option No.	Upgrade from System/User Lic.	Upgrade to S937LX/User Lic.	A	B	C	D
			A2485A	A2487A	A2489A	A2491A
131	S917 8 user	32 user				
231	S927 20 user	32 user				

3. Optional - Add additional users to the Series 937LX. Users are added in increments. May order more than one option to add large number of users at once.

NOTE: For field upgrades, the user license for the S937LX is initially set at the license level defined in section 2.
 If more users are needed, then select the appropriate product and option.

Option No.	Increase S937LX User License	A	B	C	D
		A2486A	A2488A	A2490A	A2492A
UCY	Increase 32 user to 40 user license				
UA9	Increase 40 user to 64 user license				

4. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.

Price

A2231A	16MB memory module	Quantity	[]
A2232A	32MB memory module	Quantity	[]
A2511A	64MB memory module	Quantity	[]
A2516A	128MB memory module	Quantity	[]

5. Optional - May order field-installed floating point coprocessor.

A2293A

Opt. 001 Floating point coprocessor (for current system shipped after 3/15/92).
 Opt. 101 Floating point coprocessor (for current system shipped on or before 3/15/92).

6. Must select if current processor is a server.

A2493A

Opt. 100 Server version

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 937RX

Main Product Number: A2481A

For field upgrades, must select one product/option from section 1 AND from section 2.

For S937RX user license upgrade only, select a product/option directly from section 3.

In sections 2 and 3: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL
 Select from column B if upgrading system with IMAGE/SQL
 Select from column C if upgrading system with ALLBASE/SQL
 Select from column D if upgrading system with MPE/iX FOS only.

1. Select the chassis to be upgraded to S937RX 4-slot chassis.

Price

A2496A

Opt. 851 S917LX 2-slot chassis
 Opt. 852 S927LX 2-slot chassis
 Opt. 853 S937LX 2-slot chassis

2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 937RX.

Option No.	Upgrade from System/User Lic.	Upgrade to S937RX/User Lic.	A	B	C	D
			A2485A	A2487A	A2489A	A2491A
131	S917 8 user	32 user				
231	S927 20 user	32 user				
331	S937 32 user	32 user				
332	S937 40 user	40 user				
333	S937 64 user	64 user				

3. Optional - add additional users to the Series 937RX. Users are added in increments. May order more than one option to add large number of users at once.

NOTE: For field upgrades, the user license for the S937RX is initially set at the license level defined in section 2.

If more users are needed, then select the appropriate product and option.

Option No.	Increase S937RX User License	A	B	C	D
		A2486A	A2488A	A2490A	A2492A
UCY	Increase 32 user to 40 user license				
UA9	Increase 40 user to 64 user license				

4. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.

Price

A2231A	16MB memory module	Quantity	[]
A2232A	32MB memory module	Quantity	[]
A2511A	64MB memory module	Quantity	[]
A2516A	128MB memory module	Quantity	[]

5. Optional - May order field-installed floating point coprocessor.

A2293A

Opt. 001 Floating point coprocessor (for current system shipped after 3/15/92).
 Opt. 101 Floating point coprocessor (for current system shipped on or before 3/15/92).

6. Must select if current processor is a server.

A2493A

Opt. 100 Server version

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 937SX

Main Product Number: A1790B

For field upgrades, must select one product/option from section 1 AND from section 2.

For S937SX user license upgrade only, select a product/option directly from section 3.

In sections 2 and 3: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL
Select from column B if upgrading system with IMAGE/SQL
Select from column C if upgrading system with ALLBASE/SQL
Select from column D if upgrading system with MPE/iX FOS only.

1. Select the chassis to be upgraded to S937SX 12-slot chassis.

Price

A2497A

Opt. 851 S917LX 2-slot chassis
Opt. 852 S927LX 2-slot chassis
Opt. 853 S937LX 2-slot chassis
Opt. 854 S937RX 4-slot chassis

2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 937SX.

Option No.	Upgrade from System/User Lic.	Upgrade to S937SX/User Lic.	A	B	C	D
			A2485A	A2487A	A2489A	A2491A
131	S917 8 user	32 user				
231	S927 20 user	32 user				
331	S937 32 user	32 user				
332	S937 40 user	40 user				
333	S937 64 user	64 user				

3. Optional - add additional users to the Series 937SX. Users are added in increments. May order more than one option to add large number of users at once.

NOTE: For field upgrades, the user license for the S937SX is initially set at the license level defined in section 2. If more users are needed, then select the appropriate product and option.

Option No.	Increase S937SX User License	A	B	C	D
		A2486A	A2488A	A2490A	A2492A
UCY	Increase 32 user to 40 user license				
UA9	Increase 40 user to 64 user license				

4. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.

Price

A2231A	16MB memory module	Quantity	[]
A2232A	32MB memory module	Quantity	[]
A2511A	64MB memory module	Quantity	[]
A2516A	128MB memory module	Quantity	[]

5. Optional - May order field-installed floating point coprocessor.

A2293A

Opt. 001 Floating point coprocessor (for current system shipped after 3/15/92).
Opt. 101 Floating point coprocessor (for current system shipped on or before 3/15/92).

6. Must select if current processor is a server.

A2493A

Opt. 100 Server version

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 947LX

Main Product Number: A1759C

For field upgrades, must select one product/option from section 1 AND from section 2.

For S947LX user license upgrade only, select a product/option directly from section 3.

In sections 2 and 3: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL
Select from column B if upgrading system with IMAGE/SQL
Select from column C if upgrading system with ALLBASE/SQL
Select from column D if upgrading system with MPE/iX FOS only.

1. Select the chassis to be upgraded to S947LX 2-slot chassis.

Price

A2498A

Opt. 852 S927LX 2-slot chassis

Opt. 853 S937LX 2-slot chassis

2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 947LX.

Option No.	Upgrade from System/User Lic.	Upgrade to S947LX/User Lic.	A	B	C	D
			A2485A	A2487A	A2489A	A2491A
244	S927 20 user	100 user				
304	S937 32 user	100 user				
314	S937 40 user	100 user				
344	S937 64 user	100 user				

3. Optional - add additional users to the Series 947LX. Users are added in increments. May order more than one option to add large number of users at once.

NOTE: For field upgrades, the user license for the S947LX is initially set at the license level defined in section 2. If more users are needed, then select the appropriate product and option.

Option No.	Increase S947LX User License	A	B	C	D
		A2486A	A2488A	A2490A	A2492A
UBD	Increase 64 user to 100 user license				
UCN	Increase 100 user to 160 user license				
UAD	Increase 160 user to 256 user license				
UAT	Increase 256 user to Unlimited user license				

4. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.

Price

A2231A	16MB memory module	Quantity	[]
A2232A	32MB memory module	Quantity	[]
A2511A	64MB memory module	Quantity	[]
A2516A	128MB memory module	Quantity	[]

5. Optional - May order field-installed floating point coprocessor.

A2293A

Opt. 001 Floating point coprocessor (for current system shipped after 3/15/92).

Opt. 101 Floating point coprocessor (for current system shipped on or before 3/15/92).

6. Must select if current processor is a server.

A2493A

Opt. 100 Server version

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 947RX

Main Product Number: A2482A

For field upgrades, must select one product/option from section 1 AND from section 2.

For S947RX user license upgrade only, select a product/option directly from section 3.

In sections 2 and 3: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL
Select from column B if upgrading system with IMAGE/SQL
Select from column C if upgrading system with ALLBASE/SQL
Select from column D if upgrading system with MPE/iX FOS only.

1. Select the chassis to be upgraded to S947RX 4-slot chassis.

Price

A2499A

Opt. 852 S927LX 2-slot chassis
Opt. 853 S937LX 2-slot chassis
Opt. 854 S937RX 4-slot chassis
Opt. 856 S947LX 2-slot chassis

2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 947RX.

Option No.	Upgrade from System/User Lic.	Upgrade to S947RX/User Lic.	A	B	C	D
			A2485A	A2487A	A2489A	A2491A
244	S927 20 user	100 user				
304	S937 32 user	100 user				
314	S937 40 user	100 user				
344	S937 64 user	100 user				
443	S947 64 user	64 user				
444	S947 100 user	100 user				
445	S947 160 user	160 user				
446	S947 256 user	256 user				
449	S947 Unlimited	Unlimited				

3. Optional - add additional users to the Series 947RX. Users are added in increments. May order more than one option to add large number of users at once.

NOTE: For field upgrades, the user license for the S947RX is initially set at the license level defined in section 2. If more users are needed, then select the appropriate product and option.

Option No.	Increase S947LX User License	A	B	C	D
		A2486A	A2488A	A2490A	A2492A
UBD	Increase 64 user to 100 user license				
UCN	Increase 100 user to 160 user license				
UAD	Increase 160 user to 256 user license				
UAT	Increase 256 user to Unlimited user license				

4. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.

Price

A2231A	16MB memory module	Quantity	[]
A2232A	32MB memory module	Quantity	[]
A2511A	64MB memory module	Quantity	[]
A2516A	128MB memory module	Quantity	[]

5. Optional - May order field-installed floating point coprocessor.

A2293A

Opt. 001 Floating point coprocessor (for current system shipped after 3/15/92).
Opt. 101 Floating point coprocessor (for current system shipped on or before 3/15/92).

6. Must select if current processor is a server.

A2493A

Opt. 100 Server version

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 947SX

Main Product Number: A1792C

For field upgrades, must select one product/option from section 1 AND from section 2.

For S947SX user license upgrade only, select a product/option directly from section 3.

In sections 2 and 3: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL
Select from column B if upgrading system with IMAGE/SQL
Select from column C if upgrading system with ALLBASE/SQL
Select from column D if upgrading system with MPE/iX FOS only.

1. Select the chassis to be upgraded to S947SX 12-slot chassis.

Price

A2925A

Opt. 852	S927LX 2-slot chassis
Opt. 853	S937LX 2-slot chassis
Opt. 854	S937RX 4-slot chassis
Opt. 855	S937SX/937 12-slot chassis
Opt. 856	S947LX 2-slot chassis
Opt. 857	S947RX 4-slot chassis



2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 947SX.

Option No.	Upgrade from System/User Lic.	Upgrade to S947SX/User Lic.	A	B	C	D
			A2485A	A2487A	A2489A	A2491A
244	S927 20 user	100 user				
304	S937 32 user	100 user				
314	S937 40 user	100 user				
344	S937 64 user	100 user				
443	S947 64 user	64 user				
444	S947 100 user	100 user				
445	S947 160 user	160 user				
446	S947 256 user	256 user				
449	S947 Unlimited	Unlimited				

3. Optional - add additional users to the Series 947SX. Users are added in increments. May order more than one option to add large number of users at once.

NOTE: For field upgrades, the user license for the S947SX is initially set at the license level defined in section 2.
If more users are needed, then select the appropriate product and option.

Option No.	Increase S947SX User License	A	B	C	D
		A2486A	A2488A	A2490A	A2492A
UBD	Increase 64 user to 100 user license				
UCN	Increase 100 user to 160 user license				
UAD	Increase 160 user to 256 user license				
UAT	Increase 256 user to Unlimited user license				

4. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.

Price

A2231A	16MB memory module	Quantity	[]
A2232A	32MB memory module	Quantity	[]
A2511A	64MB memory module	Quantity	[]
A2516A	128MB memory module	Quantity	[]

5. Optional - May order field-installed floating point coprocessor.

A2293A

Opt. 001	Floating point coprocessor (for current system shipped after 3/15/92).
Opt. 101	Floating point coprocessor (for current system shipped on or before 3/15/92).

6. Must select if current processor is a server.

A2493A

Opt. 100	Server version
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Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 957RX

Main Product Number: A2483A

For field upgrades, must select one product/option from section 1 AND from section 2.

For S957RX user license upgrade only, select a product/option directly from section 3.

In sections 2 and 3: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL.
Select from column B if upgrading system with IMAGE/SQL.
Select from column C if upgrading system with ALLBASE/SQL.
Select from column D if upgrading system with MPE/iX FOS only.

1. Select the chassis to be upgraded to S957RX 4-slot chassis.

Price

A2926A

Opt. 853 S937LX 2-slot chassis
Opt. 854 S937RX 4-slot chassis
Opt. 856 S947LX 2-slot chassis
Opt. 857 S947RX 4-slot chassis
Opt. 859 S957LX 2-slot chassis

2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 957RX.

Option No.	Upgrade from System/User Lic.	Upgrade to S957RX/User Lic.	A	B	C	D
			A2485A	A2487A	A2489A	A2491A
303	S937 32 user	64 user				
313	S937 40 user	64 user				
353	S937 64 user	64 user				
453	S947 64 user	64 user				
454	S947 100 user	100 user				
455	S947 160 user	160 user				
456	S947 256 user	256 user				
459	S947 Unlimited	Unlimited				
553	S957 64 user	64 user				
554	S957 100 user	100 user				
555	S957 160 user	160 user				
556	S957 256 user	256 user				
559	S957 Unlimited	Unlimited				

3. Optional - add additional users to the Series 957RX. Users are added in increments. May order more than one option to add large number of users at once.

NOTE: For field upgrades, the user license for the S957RX is initially set at the license level defined in section 2.

If more users are needed, then select the appropriate product and option.

Option No.	Increase S957RX User License	A	B	C	D
		A3020A	A3021A	A3022A	A2492A
UBD	Increase 64 user to 100 user license				
UCN	Increase 100 user to 160 user license				
UAD	Increase 160 user to 256 user license				
UAT	Increase 256 user to Unlimited user license				

4. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.

Price

A2231A	16MB memory module	Quantity	[]
A2232A	32MB memory module	Quantity	[]
A2511A	64MB memory module	Quantity	[]
A2516A	128MB memory module	Quantity	[]

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 957RX (cont'd)	
5. Optional - May order field-installed floating point coprocessor. Factory-installed with S937-947 upgrades to S957 and field-installed with S957 upgrade to S957.	
A2293A	
Opt. 00U	Floating point coprocessor (for 937-947 upgrades)
Opt. 003	Floating point coprocessor (for 957 upgrade)
6. Must select if current processor is a server.	
A2493A	
Opt. 100	Server version

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 957SX

Main Product Number: A1761B

For field upgrades, must select one product/option from section 1 AND from section 2.

For S957SX user license upgrade only, select a product/option directly from section 3.

In sections 2 and 3: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL
Select from column B if upgrading system with IMAGE/SQL
Select from column C if upgrading system with ALLBASE/SQL
Select from column D if upgrading system with MPE/iX FOS only.

1. Select the chassis to be upgraded to S957SX 12-slot chassis.

Price

A2927A

Opt. 853	S937LX 2-slot chassis
Opt. 854	S937RX 4-slot chassis
Opt. 855	S937SX/937 12-slot chassis
Opt. 856	S947LX 2-slot chassis
Opt. 857	S947RX 4-slot chassis
Opt. 858	S947SX/947 12-slot chassis
Opt. 859	S957LX 2-slot chassis
Opt. 860	S957RX 4-slot chassis

2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 957SX.

Option No.	Upgrade from System/User Lic.	Upgrade to S957SX/User Lic.	A	B	C	D
			A2485A	A2487A	A2489A	A2491A
303	S937 32 user	64 user				
313	S937 40 user	64 user				
353	S937 64 user	64 user				
453	S947 64 user	64 user				
454	S947 100 user	100 user				
455	S947 160 user	160 user				
456	S947 256 user	256 user				
459	S947 Unlimited	Unlimited				
553	S957 64 user	64 user				
554	S957 100 user	100 user				
555	S957 160 user	160 user				
556	S957 256 user	256 user				
559	S957 Unlimited	Unlimited				

3. Optional - add additional users to the Series 957SX. Users are added in increments. May order more than one option to add large number of users at once.

NOTE: For field upgrades, the user license for the S957SX is initially set at the license level defined in section 2.

If more users are needed, then select the appropriate product and option.

Option No.	Increase S957SX User License	A	B	C	D
		A3020A	A3021A	A3022A	A2492A
UBD	Increase 64 user to 100 user license				
UCN	Increase 100 user to 160 user license				
UAD	Increase 160 user to 256 user license				
UAT	Increase 256 user to Unlimited user license				

4. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.

Price

A2231A	16MB memory module	Quantity	[]
A2232A	32MB memory module	Quantity	[]
A2511A	64MB memory module	Quantity	[]
A2516A	128MB memory module	Quantity	[]

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 957SX (cont'd)

5. Optional - May order field-installed floating point coprocessor. Factory-installed with S937-947 upgrades to S957 and field-installed with S957 upgrade to S957.

A2293A

Opt. 0DU Floating point coprocessor (for 937-947 upgrades)

Opt. 003 Floating point coprocessor (for 957 upgrade)

6. Must select if current processor is a server.

A2493A

Opt. 100 Server version

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 967RX

Main Product Number: A2484A

For field upgrades, must select one product/option from section 1 AND from section 2.

For S967RX user license upgrade only, select a product/option directly from section 3.

In sections 2 and 3: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL.
Select from column B if upgrading system with IMAGE/SQL.
Select from column C if upgrading system with ALLBASE/SQL.
Select from column D if upgrading system with MPE/iX FOS only.

1. Select the chassis to be upgraded to S967RX 4-slot chassis.

Price

A2928A

Opt. 856	S947LX 2-slot chassis
Opt. 857	S947RX 4-slot chassis
Opt. 859	S957LX 2-slot chassis
Opt. 860	S957RX 4-slot chassis
Opt. 862	S967LX 2-slot chassis

2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 967RX.

Option No.	Upgrade from System/User Lic.	Upgrade to S967RX/User Lic.	A	B	C	D
			A2485A	A2487A	A2489A	A2491A
404	S947 64 user	100 user				
464	S947 100 user	100 user				
465	S947 160 user	160 user				
466	S947 256 user	256 user				
469	S947 Unlimited	Unlimited				
504	S957 64 user	100 user				
564	S957 100 user	100 user				
565	S957 160 user	160 user				
566	S957 256 user	256 user				
569	S957 Unlimited	Unlimited				
664	S967 100 user	100 user				
665	S967 160 user	160 user				
666	S967 256 user	256 user				
669	S967 Unlimited	Unlimited				

3. Optional - add additional users to the Series 967RX. Users are added in increments. May order more than one option to add large number of users at once.

NOTE: For field upgrades, the user license for the S967RX is initially set at the license level defined in section 2.

If more users are needed, then select the appropriate product and option.

Option No.	Increase S967RX User License	A	B	C	D
		A3020A	A3021A	A3022A	A2492A
UCN	Increase 100 user to 160 user license				
UAD	Increase 160 user to 256 user license				
UAT	Increase 256 user to Unlimited user license				

4. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.

Price

A2231A	16MB memory module	Quantity	[]
A2232A	32MB memory module	Quantity	[]
A2511A	64MB memory module	Quantity	[]
A2516A	128MB memory module	Quantity	[]

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 967RX (cont'd)	
5. Optional - May order field-installed floating point coprocessor. Factory-installed with S947-957 upgrades to S967 and field-installed with S967 upgrade to S967.	
A2293A	
Opt. 00V	Floating point coprocessor (for 947-957 upgrades)
Opt. 004	Floating point coprocessor (for 967 upgrade)
6. Must select if current processor is a server.	
A2493A	
Opt. 100	Server version

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 967SX

Main Product Number: A1762B

For field upgrades, must select one product/option from section 1 AND from section 2.

For S967SX user license upgrade only, select a product/option directly from section 3.

In sections 2 and 3: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL.
Select from column B if upgrading system with IMAGE/SQL.
Select from column C if upgrading system with ALLBASE/SQL.
Select from column D if upgrading system with MPE/iX FOS only.

1. Select the chassis to be upgraded to S967SX 12-slot chassis.

Price

A2929A

Opt. 856	S947LX 2-slot chassis
Opt. 857	S947RX 4-slot chassis
Opt. 858	S947SX/947 12-slot chassis
Opt. 859	S957LX 2-slot chassis
Opt. 860	S957RX 4-slot chassis
Opt. 861	S957SX/957 12-slot chassis
Opt. 862	S967LX 2-slot chassis
Opt. 863	S967RX 4-slot chassis

2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 967SX.

Option No.	Upgrade from System/User Lic.	Upgrade to S967SX/User Lic.	A	B	C	D
			A2485A	A2487A	A2489A	A2491A
404	S947 64 user	100 user				
464	S947 100 user	100 user				
465	S947 160 user	160 user				
466	S947 256 user	256 user				
469	S947 Unlimited	Unlimited				
504	S957 64 user	100 user				
564	S957 100 user	100 user				
565	S957 160 user	160 user				
566	S957 256 user	256 user				
569	S957 Unlimited	Unlimited				
664	S967 100 user	100 user				
665	S967 160 user	160 user				
666	S967 256 user	256 user				
669	S967 Unlimited	Unlimited				

3. Optional - add additional users to the Series 967SX. Users are added in increments. May order more than one option to add large number of users at once.

NOTE: For field upgrades, the user license for the S967SX is initially set at the license level defined in section 2. If more users are needed, then select the appropriate product and option.

Option No.	Increase S967SX User License	A	B	C	D
		A3020A	A3021A	A3022A	A2492A
UCN	Increase 100 user to 160 user license				
UAD	Increase 160 user to 256 user license				
UAT	Increase 256 user to Unlimited user license				

4. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.

Price

A2231A	16MB memory module	Quantity	[]
A2232A	32MB memory module	Quantity	[]
A2511A	64MB memory module	Quantity	[]
A2516A	128MB memory module	Quantity	[]

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 967SX (cont'd)	
5. Optional - May order field-installed floating point coprocessor. Factory-installed with S947-957 upgrades to S967 and field-installed with S967 upgrade to S967.	
A2293A	
Opt. 0DV	Floating point coprocessor (for 947-957 upgrades)
Opt. 004	Floating point coprocessor (for 967 upgrade)
6. Must select if current processor is a server.	
A2493A	
Opt. 100	Server version

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 987RX

Main Product Number: A3001A

For field upgrades, must select one product/option from section 1 AND from section 2.

For S977SX user license upgrade only, select a product/option directly from section 3.

In sections 2 and 3: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL
Select from column B if upgrading system with IMAGE/SQL
Select from column C if upgrading system with ALLBASE/SQL
Select from column D if upgrading system with MPE/iX FOS only.

1. Select the chassis to be upgraded to S987RX 12-slot chassis.

Price

A3002A

Opt. 856	S947LX	2-slot chassis
Opt. 857	S947RX	4-slot chassis
Opt. 859	S957LX	2-slot chassis
Opt. 860	S957RX	4-slot chassis
Opt. 862	S967LX	2-slot chassis
Opt. 863	S967RX	4-slot chassis

2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 987RX.

Option No.	Upgrade from System/User Lic.	Upgrade to S987RX/User Lic.	A	B	C	D
			A2485A	A2487A	A2489A	A2491A
424	S947 64 user	100 user				
484	S947 100 user	100 user				
485	S947 160 user	160 user				
486	S947 256 user	256 user				
489	S947 Unlimited	Unlimited				
524	S957 64 user	100 user				
584	S957 100 user	100 user				
585	S957 160 user	160 user				
586	S957 256 user	256 user				
589	S957 Unlimited	Unlimited				
684	S967 100 user	100 user				
685	S967 160 user	160 user				
686	S967 256 user	256 user				
689	S967 Unlimited	Unlimited				

3. Optional - add additional users to the Series 987RX. Users are added in increments. May order more than one option to add large number of users at once.

NOTE: For field upgrades, the user license for the S987RX is initially set at the license level defined in section 2.

If more users are needed, then select the appropriate product and option.

Option No.	Increase S987RX User License	A	B	C	D
		A3020A	A3021A	A3022A	A2492A
UCN	Increase 100 user to 160 user license				
UAD	Increase 160 user to 256 user license				
UAT	Increase 256 user to Unlimited user license				

4. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.

Price

A2231A	16MB memory module	Quantity	[]
A2232A	32MB memory module	Quantity	[]
A2511A	64MB memory module	Quantity	[]
A2516A	128MB memory module	Quantity	[]

5. Must select if current processor is a server.

A2493A

Opt. 100	Server version
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Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 987SX

Main Product Number: A2318B

For field upgrades, must select one product/option from section 1 AND from section 2.

For S987SX user license upgrade only, select a product/option directly from section 3.

In sections 2 and 3: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL
Select from column B if upgrading system with IMAGE/SQL
Select from column C if upgrading system with ALLBASE/SQL
Select from column D if upgrading system with MPE/iX FOS only.

1. Select the chassis to be upgraded to S987SX 12-slot chassis.

Price

A2931A

Opt. 856	S947LX 2-slot chassis
Opt. 857	S947RX 4-slot chassis
Opt. 858	S947SX/947 12-slot chassis
Opt. 859	S957LX 2-slot chassis
Opt. 860	S957RX 4-slot chassis
Opt. 861	S957SX/957 12-slot chassis
Opt. 862	S967LX 2-slot chassis
Opt. 863	S967RX 4-slot chassis
Opt. 864	S967SX/967 12-slot chassis
Opt. 865	S977SX/977 12-slot chassis
Opt. 866	S987RX 4-slot chassis

2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 987SX.

Option No.	Upgrade from System/User Lic.	Upgrade to S987SX/User Lic.	A	B	C	D
			A2485A	A2487A	A2489A	A2491A
424	S947 64 user	100 user				
484	S947 100 user	100 user				
485	S947 160 user	160 user				
486	S947 256 user	256 user				
489	S947 Unlimited	Unlimited				
524	S957 64 user	100 user				
584	S957 100 user	100 user				
585	S957 160 user	160 user				
586	S957 256 user	256 user				
589	S957 Unlimited	Unlimited				
684	S967 100 user	100 user				
685	S967 160 user	160 user				
686	S967 256 user	256 user				
689	S967 Unlimited	Unlimited				
784	S977 100 user	100 user				
785	S977 160 user	160 user				
786	S977 256 user	256 user				
789	S977 Unlimited	Unlimited				
884	S987 100 user	100 user				
885	S987 160 user	160 user				
886	S987 256 user	256 user				
889	S987 Unlimited	Unlimited				

3. Optional - add additional users to the Series 987SX. Users are added in increments. May order more than one option to add large number of users at once.

NOTE: For field upgrades, the user license for the S987SX is initially set at the license level defined in section 2. If more users are needed, then select the appropriate product and option.

Option No.	Increase S987SX User License	A	B	C	D
		A3020A	A3021A	A3022A	A2492A
UCN	Increase 100 user to 160 user license				
UAD	Increase 160 user to 256 user license				
UAT	Increase 256 user to Unlimited user license				

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 987SX (cont'd)				
4. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.				
				Price
A2231A	16MB memory module	Quantity	[]	
A2232A	32MB memory module	Quantity	[]	
A2511A	64MB memory module	Quantity	[]	
A2516A	128MB memory module	Quantity	[]	
5. Must select if current processor is a server.				
A2493A				
Opt. 100	Server version			

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 987/150RX

Main Product Number: A3011A

For field upgrades, must select one product/option from section 1 AND from section 2.

For S987/150SX user license upgrade only, select a product/option directly from section 3.

In sections 2 and 3: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL
Select from column B if upgrading system with IMAGE/SQL
Select from column C if upgrading system with ALLBASE/SQL
Select from column D if upgrading system with MPE/iX FOS only.

1. Select the chassis to be upgraded to S987/150RX 4-slot chassis.

Price

A3012A

Opt. 862 S967LX 2-slot chassis
Opt. 863 S967RX 4-slot chassis
Opt. 866 S987RX 4-slot chassis

2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 987/150RX.

Option No.	Upgrade from System/User Lic.	Upgrade to S987/150RX/User Lic.	A A2485A	B A2487A	C A2489A	D A2491A
694	S967 100 user	100 user				
695	S967 160 user	160 user				
696	S967 256 user	256 user				
699	S967 Unlimited	Unlimited				
794	S977 100 user	100 user				
795	S977 160 user	160 user				
796	S977 256 user	256 user				
799	S977 Unlimited	Unlimited				
894	S987 100 user	100 user				
895	S987 160 user	160 user				
896	S987 256 user	256 user				
899	S987 Unlimited	Unlimited				

3. Optional - add additional users to the Series 987/150RX. Users are added in increments. May order more than one option to add large number of users at once.

NOTE: For field upgrades, the user license for the S987/150RX is initially set at the license level defined in section 2. If more users are needed, then select the appropriate product and option.

Option No.	Increase S987/150RX User License	A A3020A	B A3021A	C A3022A	D A2492A
UCN	Increase 100 user to 160 user license				
UAD	Increase 160 user to 256 user license				
UAT	Increase 256 user to Unlimited user license				

4. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.

Price

A2231A	16MB memory module	Quantity	[]
A2232A	32MB memory module	Quantity	[]
A2511A	64MB memory module	Quantity	[]
A2516A	128MB memory module	Quantity	[]

5. Must select if current processor is a server.

A2493A

Opt. 100 Server version

Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Field upgrade to HP 3000 Series 987/150SX

Main Product Number: A3013A

For field upgrades, must select one product/option from section 1 AND from section 2.

For S987/150SX user license upgrade only, select a product/option directly from section 3.

In sections 2 and 3: Select from column A if upgrading system with IMAGE/SQL & ALLBASE/SQL
Select from column B if upgrading system with IMAGE/SQL
Select from column C if upgrading system with ALLBASE/SQL
Select from column D if upgrading system with MPE/iX FOS only.

1. Select the chassis to be upgraded to S987/150SX 12-slot chassis.

Price

A3014A

Opt. 862	S967LX 2-slot chassis
Opt. 863	S967RX 4-slot chassis
Opt. 864	S967SX/967 12-slot chassis
Opt. 865	S977SX/977 12-slot chassis
Opt. 866	S987RX 4-slot chassis
Opt. 867	S987SX/987 12-slot chassis
Opt. 868	S987/150RX 4-slot chassis

2. Select the product and option to receive the appropriate hardware and specified user license for MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL for the Series 987/150SX.

Option No.	Upgrade from System/User Lic.	Upgrade to S987/150SX/User Lic.	A	B	C	D
			A2485A	A2487A	A2489A	A2491A
694	S967 100 user	100 user				
695	S967 160 user	160 user				
696	S967 256 user	256 user				
699	S967 Unlimited	Unlimited				
794	S977 100 user	100 user				
795	S977 160 user	160 user				
796	S977 256 user	256 user				
799	S977 Unlimited	Unlimited				
894	S987 100 user	100 user				
895	S987 160 user	160 user				
896	S987 256 user	256 user				
899	S987 Unlimited	Unlimited				
094	S987/150 100 user	100 user				
095	S987/150 160 user	160 user				
096	S987/150 256 user	256 user				
099	S987/150 Unlimited	Unlimited				

3. Optional - add additional users to the Series 987/150SX. Users are added in increments. May order more than one option to add large number of users at once.

NOTE: For field upgrades, the user license for the S987/150SX is initially set at the license level defined in section 2.

If more users are needed, then select the appropriate product and option.

Option No.	Increase S987/150SX User License	A	B	C	D
		A3020A	A3021A	A3022A	A2492A
UCN	Increase 100 user to 160 user license				
UAD	Increase 160 user to 256 user license				
UAT	Increase 256 user to Unlimited user license				

4. Optional - Additional field-installed memory may be ordered. Check the Configuration Guide for maximum memory capacity.

Price

A2231A	16MB memory module	Quantity	[]
A2232A	32MB memory module	Quantity	[]
A2511A	64MB memory module	Quantity	[]
A2516A	128MB memory module	Quantity	[]

5. Must select if current processor is a server.

A2493A

Opt. 100	Server version
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Installation is associated with chassis products.

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Description	Product No./ Option No.	PRICE
HP 3000 SERIES 920, 922LX, 922RX, 922, 932, 944 AND 958		
Field Upgrade to Series 922LX Includes a Class/Concurrent License to Use MPE/iX on Series 922LX by 1-32 users.	A1711B	
Add 335 Mb disk	Opt. 003	
Add 670 Mb disk	Opt. 004	
Add-on CIO HP-IB channel	Opt. 402	
Add-on 8 Mb memory	Opt. 508	
Add-on 16 Mb memory	Opt. 516	
Add-on 32 Mb memory	Opt. 532	
From Server 920. Requires return of Series 920 processor.	Opt. 830	
From Series 920. Requires return of Series 920 processor.	Opt. 840	
Field Upgrade to Series 922RX Includes a Class/Concurrent License to Use MPE/iX on Series 922RX by 1-64 users.	A1175B	
Add 335 Mb disk	Opt. 003	
Add 670 Mb disk	Opt. 004	
Add-on CIO HP-IB channel	Opt. 402	
Add-on 8 Mb memory	Opt. 508	
Add-on 16 Mb memory	Opt. 516	
Add-on 32 Mb memory	Opt. 532	
From Server 920. Requires return of Series 920 processor.	Opt. 830	
From Server 922LX	Opt. 831	
From Series 920. Requires return of Series 920 processor.	Opt. 840	
From Server 922LX	Opt. 841	
Field Upgrade to Series 922 Includes a Class License to Use MPE/iX on Series 922.	A1177B	
Add 335 Mb disk	Opt. 003	
Add 670 Mb disk	Opt. 004	
Add-on CIO HP-IB channel	Opt. 402	
Add-on 8 Mb memory	Opt. 508	
Add-on 16 Mb memory	Opt. 516	
Add-on 32 Mb memory	Opt. 532	
From Server 920. Requires return of Series 920 processor.	Opt. 830	
From Server 922LX	Opt. 831	
From Server 922RX	Opt. 832	
From Series 920. Requires return of Series 920 processor.	Opt. 840	
From Series 922LX	Opt. 841	
From Series 922RX	Opt. 842	
Field Upgrade to Series 932 Includes a Class License to Use MPE/iX on Series 932 by 1-64 users.	A1176C	
Unlimited User License	Opt. UAT	
Add 335 Mb disk	Opt. 003	
Add 670 Mb disk	Opt. 004	
Add-on CIO HP-IB channel	Opt. 402	
Add-on 8 Mb memory	Opt. 508	
Add-on 16 Mb memory	Opt. 516	

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Description	Product No./ Option No.	PRICE
Field Upgrade to Series 932 (cont'd)	A1176C	
Add-on 32 Mb memory	Opt. 532	
From Server 920. Requires return of Series 920 processor.	Opt. 830	
From Server 922LX. Requires return of Series 922LX processor.	Opt. 831	
From Server 922RX. Requires return of Series 922RX processor.	Opt. 832	
From Server 922. Requires return of Series 922 processor.	Opt. 833	
From Series 920. Requires return of Series 920 processor.	Opt. 840	
From Series 922LX. Requires return of Series 922LX processor.	Opt. 841	
From Series 922RX. Requires return of Series 922RX processor.	Opt. 842	
From Series 922. Requires return of Series 922 processor.	Opt. 843	
Field Upgrade to Series 948	A1742A	
Includes a Class/Concurrent License to Use MPE/iX on Series 948 by 1-64 users.		
Upgrade to Unlimited User License	Opt. UAT	
Credit for Unlimited User License on Series 932 with board upgrade to Series 948	Opt. UCL	
Add 670 Mb disk	Opt. 004	
Add HP-IB	Opt. 402	
Add 32 Mb memory	Opt. 532	
Add HP-FL	Opt. 551	
Add floating point coprocessor	Opt. 827	
From Server 922LX. Requires return of Series 922LX processor.	Opt. 831	
From Server 922RX. Requires return of Series 922RX processor.	Opt. 832	
From Server 922. Requires return of Series 922 processor.	Opt. 833	
From Server 932. Requires return of Series 932 processor.	Opt. 834	
From Series 922LX. Requires return of Series 922LX processor.	Opt. 841	
From Series 922RX. Requires return of Series 922RX processor.	Opt. 842	
From Series 922. Requires return of Series 922 processor.	Opt. 843	
From Series 932. Requires return of Series 932 processor.	Opt. 844	
Field Upgrade to Series 958	A1743A	
Includes a Class License to Use MPE/iX on Series 958.		
Credit for Unlimited User License on Series 932 with board upgrade to Series 958	Opt. UCL	
Credit for Unlimited User License on Series 948 with board upgrade to Series 958	Opt. UCM	
Add 670 Mb disk	Opt. 004	
Add HP-IB	Opt. 402	
Add 32 Mb memory	Opt. 532	
Add HP-FL	Opt. 551	
Add floating point coprocessor	Opt. 827	
From Server 922LX. Requires return of Series 922LX processor.	Opt. 831	
From Server 922RX. Requires return of Series 922RX processor.	Opt. 832	
From Server 922. Requires return of Series 922 processor.	Opt. 833	
From Server 932. Requires return of Series 932 processor.	Opt. 834	
From Server 948. Requires return of Series 948 processor.	Opt. 835	
From Series 922LX. Requires return of Series 922LX processor.	Opt. 841	
From Series 922RX. Requires return of Series 922RX processor.	Opt. 842	
From Series 922. Requires return of Series 922 processor.	Opt. 843	
From Series 932. Requires return of Series 932 processor.	Opt. 844	
From Series 948. Requires return of Series 948 processor.	Opt. 845	

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Description	Product No./ Option No.	PRICE
HP 3000 SERIES 925, 935 AND 949		
Series 925 Field Upgrade Includes 8 Mb memory and a Class License to Use MPE/iX on Series 925.	A1016A	
Add Expander Bay and CIB adapter	Opt. 003	
16 Mb Memory exchange	Opt. 016	
Add-on 8 Mb memory	Opt. 501	
Delete 8 Mb memory	Opt. 507	
Add-on 16 Mb memory	Opt. 516	
Add-on 32 Mb memory	Opt. 532	
Series 935 Field Upgrade Includes a Class License to Use MPE/iX on Series 935.	A1062A	
16 Mb Memory exchange	Opt. 016	
Add-on 8 Mb memory	Opt. 501	
Delete 8 Mb memory	Opt. 507	
Add-on 16 Mb memory	Opt. 516	
Delete 16 Mb memory	Opt. 518	
Substitute 32 Mb memory array for 16 Mb memory array	Opt. 521	
Add-on 32 Mb memory	Opt. 532	
Upgrade from Series 925LX with 24 Mb. Requires return of Series 925LX processor and PDH board.	Opt. 840	
Upgrade from Series 925 with 16 Mb. Requires return of Series 925 processor and PDH board.	Opt. 841	
Upgrade from Server 925 to Server 935. Requires return of Series 925 processor and PDH board.	Opt. 884	
Series 949 Field Upgrade Includes a Class/Concurrent License to Use MPE/iX on Series 949 by 1-100 users.	A1601B	
Unlimited User License	Opt. UAT	
Add A1065A CIB expander	Opt. 003	
Racking hardware for A1065A expander in A1001A cabinet	Opt. 004	
Add-on 8 Mb memory	Opt. 501	
Add-on 16 Mb memory	Opt. 516	
Delete 16 Mb memory	Opt. 518	
Delete 32 Mb memory	Opt. 519	
Delete 8 Mb memory	Opt. 520	
Substitute 32 Mb memory array for 16 Mb memory array with upgrade. Can only be ordered in conjunction with Opt. 843.	Opt. 521	
Add-on 32 Mb memory	Opt. 532	
Upgrade from Series 925LX. Includes one 2 Mb memory and one 8 Mb memory. Requires return of Series 925LX boards.	Opt. 840	
Upgrade from Series 925. Includes one 32 Mb memory. Requires return of Series 925 boards.	Opt. 841	
Upgrade from Series 935. Includes one 16 Mb memory. Requires return of Series 935 boards.	Opt. 843	
Upgrade from Server 925 to Server 949. Requires return of Series 925 processor and PDH board.	Opt. 884	
Upgrade from Server 935 to Server 949. Requires return of Series 935 processor and PDH board.	Opt. 885	

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Description	Product No./ Option No.	PRICE
HP 3000 SERIES 955, 960, 980/100-400, 990 AND 992		
Series 950 to 955 Field Upgrade	A1117A	
Includes 32 Mb memory and a Class License to Use MPE/iX on Series 955. Requires return of Series 950 processor and PDH board.		
Server version	Opt. 100	
Add-on 16 Mb memory. An additional memory controller (P/N A1103A) is required to support memory sizes greater than 128 Mb.	Opt. 500	
Delete 16 Mb memory	Opt. 503	
Series 950 to 960 Field Upgrade	A1132A	
Includes 64 Mb memory and a Class License to Use MPE/iX on Series 960. Requires return of Series 950 processor PDH board.		
Server version	Opt. 100	
Add-on 16 Mb memory. An additional memory controller (P/N A1103A) is required to support memory sizes greater than 128 Mb.	Opt. 500	
Delete 16 Mb memory	Opt. 503	
Series 955 to 960 Field Upgrade	A1133A	
Includes 32 Mb memory and a Class License to Use MPE/iX on Series 960. Requires return of Series 955 processor and PDH board.		
Server version	Opt. 100	
Add-on 16 Mb memory. An additional memory controller (P/N A1103A) is required to support memory sizes greater than 128 Mb.	Opt. 500	
Delete 16 Mb memory	Opt. 503	
Field Upgrade to Series 980/100	A1137A	
Includes a Class License to Use MPE/iX on Series 980/100.		
DDS Support Tape media	Opt. AAH	
Add-on 16 Mb memory	Opt. 500	
Add-on 64 Mb memory	Opt. 502	
Delete 16 Mb memory (Available with Opt. 872 only)	Opt. 503	
Delete 64 Mb memory	Opt. 509	
Return MICRO 3000 or 3000LX with 2 Mb	Opt. 704	
Return MICRO 3000GX/RX with 2 Mb	Opt. 705	
Return MICRO 3000XE	Opt. 706	
Return pre-Series II, 30, 33, HP 2000	Opt. 707	
Return Series III	Opt. 708	
Return HP 250	Opt. 709	
Return HP 260	Opt. 710	
Return Series 37, 37XE, 39, 40 without memory	Opt. 711	
Return Series 39HP, 42, 44 without memory	Opt. 712	
Return Series 48 with 1 Mb	Opt. 713	
Return Series 42XP, 52 with 4 Mb	Opt. 714	
Return Series 58 with 4 Mb	Opt. 715	
Return Series 64 with 2 Mb	Opt. 716	
Return Series 68 with 2 Mb	Opt. 717	
Return Series 70 with 4 Mb	Opt. 718	
Upgrade from Series 950, includes 128 Mb memory. Requires return of Series 950 processor board and standard memory controller.	Opt. 871	
Upgrade from Series 955, includes 96 Mb memory. Requires return of Series 955 processor board and standard memory controller.	Opt. 872	
Upgrade from Series 960, includes 64 Mb memory. Requires return of Series 960 processor board and standard memory controller.	Opt. 873	

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Description	Product No./ Option No.	PRICE
Field Upgrade to Series 980/200	A1138A	
Includes 64 Mb memory and a Class License to Use MPE/iX on Series 980/200. Must order one of Opt. 020 or 021 and one of Opt. 874 or 875.		
DDS Support Tape media	Opt. AAH	
Required power option for SPU with serial code prefix (first 4 numbers) of 2844 or less.	Opt. 020	
Required power option for SPU with serial code prefix (first 4 numbers) of 2845 or greater.	Opt. 021	
Add-on 16 Mb memory	Opt. 500	
Add-on 64 Mb memory	Opt. 502	
Delete 64 Mb memory	Opt. 509	
Return MICRO 3000 or 3000LX with 2 Mb	Opt. 704	
Return MICRO 3000GX/RX with 2 Mb	Opt. 705	
Return MICRO 3000XE	Opt. 706	
Return pre-Series II, 30, 33, HP 2000	Opt. 707	
Return Series III	Opt. 708	
Return HP 250	Opt. 709	
Return HP 260	Opt. 710	
Return Series 37, 37XE, 39, 40 without memory	Opt. 711	
Return Series 39HP, 42, 44 without memory	Opt. 712	
Return Series 48 with 1 Mb	Opt. 713	
Return Series 42XP, 52 with 4 Mb	Opt. 714	
Return Series 58 with 4 Mb	Opt. 715	
Return Series 64 with 2 Mb	Opt. 716	
Return Series 68 with 2 Mb	Opt. 717	
Return Series 70 with 4 Mb	Opt. 718	
Upgrade from Series 980/100 with no Processor Reference Label (would be located near SPU serial number).	Opt. 874	
Upgrade from Series 980/100 with Processor Reference Label, PRL-V2 (located near SPU serial number).	Opt. 875	
Field Upgrade to Series 980/300	A1139A	
Includes a Class License to Use MPE/iX on Series 980/300. Must order one of Opt. 875, 876 or 877. (With Opt. 876 or 877, must order one of Opt. 020 or 021.)		
DDS Support Tape media	Opt. AAH	
Required power option for Series 980/100 SPU with serial code prefix (first 4 numbers) of 2844 or less.	Opt. 020	
Required power option for Series 980/100 SPU with serial code prefix (first 4 numbers) of 2845 or greater.	Opt. 021	
Add-on 16 Mb memory	Opt. 500	
Add-on 64 Mb memory	Opt. 502	
Delete 64 Mb memory	Opt. 509	
Return MICRO 3000 or 3000LX with 2 Mb	Opt. 704	
Return MICRO 3000GX/RX with 2 Mb	Opt. 705	
Return MICRO 3000XE	Opt. 706	
Return pre-Series II, 30, 33, HP 2000	Opt. 707	
Return Series III	Opt. 708	
Return HP 250	Opt. 709	
Return HP 260	Opt. 710	
Return Series 37, 37XE, 39, 40 without memory	Opt. 711	

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Description	Product No./ Option No.	PRICE
Field Upgrade to Series 980/300 (cont'd)	A1139A	
Return Series III	Opt 708	
Return HP 250	Opt 709	
Return HP 260	Opt 710	
Return Series 37, 37XE, 39, 40 without memory	Opt 711	
Return Series 39HP, 42, 44 without memory	Opt 712	
Return Series 48 with 1 Mb	Opt 713	
Return Series 42XP, 52 with 4 Mb	Opt 714	
Return Series 58 with 4 Mb	Opt 715	
Return Series 64 with 2 Mb	Opt 716	
Return Series 68 with 2 Mb	Opt 717	
Return Series 70 with 4 Mb	Opt 718	
Upgrade from Series 980/200, includes 64 Mb memory	Opt 875	
Upgrade from Series 980/100 with no Processor Reference Label (would be located near SPU serial number). Includes 128 Mb memory.	Opt 876	
Upgrade from Series 980/100 with Processor Reference Label, PRL-V2 (located near SPU serial number). Includes 128 Mb memory.	Opt 877	
Field Upgrade to Series 980/400	A1140A	
Includes a Class License to Use MPE/iX on Series 980/400. Must order one of Opt. 878, 879 or 880. (With Opt. 880 must order one of Opt. 020 or 021.)		
DDS Support Tape media	Opt. AAH	
Required power option for Series 980/100 SPU with serial code prefix (first 4 numbers) of 2844 or less.	Opt 020	
Required power option for Series 980/100 SPU with serial code prefix (first 4 numbers) of 2845 or greater.	Opt 021	
Cardcage upgrade option for system serial number prefix greater or equal to 3006 (Opt. 252 or 253 required)	Opt 252	
Cardcage upgrade option for system serial number prefix greater or equal to 3007 (Opt. 252 or 253 required)	Opt 253	
Add-on 16 Mb memory	Opt 500	
Add-on 64 Mb memory	Opt 502	
Delete 64 Mb memory	Opt 509	
Return MICRO 3000 or 3000LX with 2 Mb	Opt 704	
Return MICRO 3000GX/RX with 2 Mb	Opt 705	
Return MICRO 3000XE	Opt 706	
Return pre-Series II, 30, 33, HP 2000	Opt 707	
Return Series III	Opt 708	
Return HP 250	Opt 709	
Return HP 260	Opt 710	
Return Series 37, 37XE, 39, 40 without memory	Opt 711	
Return Series 39HP, 42, 44 without memory	Opt 712	
Return Series 48 with 1 Mb	Opt 713	
Return Series 42XP, 52 with 4 Mb	Opt 714	
Return Series 58 with 4 Mb	Opt 715	
Return Series 64 with 2 Mb	Opt 716	
Return Series 68 with 2 Mb	Opt 717	
Return Series 70 with 4 Mb	Opt 718	
Upgrade from Series 980/300, includes 64 Mb memory	Opt 878	
Upgrade from Series 980/200, includes 128 Mb memory	Opt 879	
Upgrade from Series 980/100, includes 192 Mb memory	Opt 880	

Select a System Support Option. Refer to Table 2 on page 89.

900 Series Upgrades (cont'd)

Description	Product No./ Option No.	PRICE
HP 3000 Corporate Business System Upgrade	A1810A	
The following options are for systems with a Class/Concurrent License to Use MPE/iX FOS, IMAGE/SQL and ALLBASE/SQL		
Processors:		
990 to 992/100	Opt. 801	
992/100 to 992/200	Opt. 822	
992/200 to 992/300	Opt. 803	
992/300 to 992/400	Opt. 804	
User License Upgrades:		
Upgrade 100 to 160 user license	Opt. U01	
Upgrade to 256 user license	Opt. U02	
Upgrade to 384 user license	Opt. U03	
Upgrade to Unlimited user license	Opt. U04	
Upgrade Credits:		
Credit prior purchase of 100 to 160 user license	Opt. U20	
Credit prior purchase of 256 user license	Opt. U22	
Credit prior purchase of 384 user license	Opt. U23	
The following options are for systems with a Class/Concurrent License to Use MPE/iX FOS and IMAGE/SQL		
Processors:		
990 to 992/100	Opt. 806	
992/100 to 992/200	Opt. 827	
992/200 to 992/300	Opt. 808	
992/300 to 992/400	Opt. 809	
User License Upgrades:		
Upgrade 100 to 160 user license	Opt. U06	
Upgrade to 256 user license	Opt. U07	
Upgrade to 384 user license	Opt. U08	
Upgrade to Unlimited user license	Opt. U09	
Upgrade Credits:		
Credit prior purchase of 100 to 160 user license	Opt. U25	
Credit prior purchase of 256 user license	Opt. U27	
Credit prior purchase of 384 user license	Opt. U28	
The following options are for systems with a Class/Concurrent License to Use MPE/iX FOS and ALLBASE/SQL		
Processors:		
990 to 992/100	Opt. 811	
992/100 to 992/200	Opt. 832	
992/200 to 992/300	Opt. 813	
992/300 to 992/400	Opt. 814	
User License Upgrades:		
Upgrade 100 to 160 user license	Opt. U11	
Upgrade to 256 user license	Opt. U12	
Upgrade to 384 user license	Opt. U13	
Upgrade to Unlimited user license	Opt. U14	
Upgrade Credits:		
Credit prior purchase of 100 to 160 user license	Opt. U30	
Credit prior purchase of 256 user license	Opt. U32	
Credit prior purchase of 384 user license	Opt. U33	

Select a System Support Option. Refer to Table 2.1 on page 90.

900 Series Upgrades (cont'd)

Description	Product No./ Option No.	PRICE
HP 3000 Corporate Business System Upgrade (cont'd)		A1810A
The following options are for systems with a Class/Concurrent License to Use MPE/iX F0S		
Processors:		
990 to 992/100	Opt. 816	
992/100 to 992/200	Opt. 837	
992/200 to 992/300	Opt. 818	
992/300 to 992/400	Opt. 819	
User License Upgrades:		
Upgrade 100 to 160 user license	Opt. U16	
Upgrade to 256 user license	Opt. U17	
Upgrade to 384 user license	Opt. U18	
Upgrade to Unlimited user license	Opt. U19	
Upgrade Credits:		
Credit prior purchase of 100 to 160 user license	Opt. U35	
Credit prior purchase of 256 user license	Opt. U37	
Credit prior purchase of 384 user license	Opt. U38	
COMMON OPTIONS		
Memory:		
Add 128 Mb	Opt. 528	
Add 256 Mb	Opt. 556	

Select a System Support Option. Refer to Table 2.1 on page 90.

Table 2. 900 Series Upgrades Support Options

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
32054MZ									
A1016A	Series 925 field upgrade								
A1062A	Series 935 field upgrade								
A1117A	Series 950 to 955 field upgrade								
A1132A	Series 950 to 960 field upgrade								
A1133A	Series 955 to 960 field upgrade								
A1137A	Field upgrade to Series 980/100								
A1138A	Field upgrade to Series 980/200								
A1139A	Field upgrade to Series 980/300								
A1140A	Field upgrade to Series 980/400								
A1175B	Field upgrade to Series 922RX								
A1176C	Field upgrade to Series 932								
A1177B	Field upgrade to Series 922								
A1601B	Series 949 field upgrade								
A1711B	Field upgrade to Series 922LX								
A1742A	Field upgrade to Series 948								
A1743A	Field upgrade to Series 958								
A1810A	Corporate Business System upgrade	For System Support Options see Table 2.1							
A2485A	System w/MPE/iX, IMAGE/SQL, ALLBASE/SQL								
A2487A	System with MPE/iX, IMAGE/SQL								
A2489A	System with MPE/iX, ALLBASE/SQL								
A2491A	System with MPE/iX FOS								
A2494A	Chassis to be upgraded to Series 927LX								
A2495A	Chassis to be upgraded to Series 937LX								
A2496A	Chassis to be upgraded to Series 937RX								
A2497A	Chassis to be upgraded to Series 937SX								
A2498A	Chassis to be upgraded to Series 947LX								
A2499A	Chassis to be upgraded to Series 947RX								
A2925A	Chassis to be upgraded to Series 947SX								
A2926A	Chassis to be upgraded to Series 957RX								
A2927A	Chassis to be upgraded to Series 957SX								
A2928A	Chassis to be upgraded to Series 967RX								
A2929A	Chassis to be upgraded to Series 967SX								
A2930A	Chassis to be upgraded to Series 977SX								
A2931A	Chassis to be upgraded to Series 987SX								
A3002A	Chassis to be upgraded to Series 987RX								
A3012A	Chassis to be upgraded to Series 987/150RX								
A3014A	Chassis to be upgraded to Series 987/150SX								

OS0: LTU SW/Next Day HW

OS2: Tel SW/Next Day HW

OS4: Inst./Ntwk. Config. Cust. Inst. Prod.

OS6: Tel SW/24 x 7 HW

OS1: LTU SW/Same Day HW

OS3: Tel SW/Same Day HW

OS5: LTU SW/24 x 7 HW

OSZ: Ntwk. Config. - HP Inst. Prod.

Product number A1810A requires System Support Options 0 (x) (alpha).

To order the correct System Support Option:

1. Select appropriate processor option.

2. Determine desired level of support.

3. Choose one of the System Support Options associated with that processor option.

Each 0 (x) (alpha) System Support Option description will specifically reference the processor option the

support is being purchased for. (NOTE: The support deliverables for 0 (x) (alpha) are the same as those for 0S0–0S6 and are referenced in the column heading.

Table 2.1. System Support Options -- HP 3000 Corporate Business System Upgrade

Order w/Prod. Number	Prod. Opt.	These options equivalent to:											
		0S0		0S1		0S2		0S3		0S5		0S6	
		LTU/ND	Price	LTU/4HR	Price	TEL/ND	Price	TEL/4 HR	Price	LTU/24	Price	TEL/24	Price
A1810A	821	0SA		0SB		0SC		0SD		0TA		0TB	
	822	0SE		0SF		0SG		0SH		0TC		0TD	
	823	0SJ		0SK		0SL		0SM		0TE		0TF	
	824	0SN		0SP		0SQ		0SR		0TG		0TH	
	826	0SS		0ST		0SU		0SV		0TJ		0TK	
	827	0SL		0TM		0TN		0TP		0TQ		0TR	
	828	0TS		0TT		0TU		0TV		0TW		0TX	
	829	0TY		0TZ		0UA		0UB		0UC		0UD	
	831	0UE		0UF		0UG		0UH		0UJ		0UK	
	832	0UL		0UM		0UN		0UP		0UQ		0UR	
	833	0US		0UT		0UU		0UV		0UW		0UX	
	834	0UY		0UZ		0VA		0VB		0VC		0VD	
	836	0VE		0VF		0VG		0VH		0VJ		0VK	
	837	0VL		0VM		0VN		0VP		0VQ		0VR	
	838	0VS		0VT		0VU		0VV		0VW		0VX	
	839	0VY		0VZ		0WA		0WB		0WC		0WD	

MPE, I/O and Memory Expansion

HP 3000 MPE FOS and Media

Description	Product No./ Option No.	PRICE
Add-on Terminal Support for Servers Includes a Class/Concurrent License to Use MPE/iX on specific Series 9xx.	A1153A	
Upgrades Server 917LX	Opt. 821	
Upgrades Server 927LX	Opt. 822	
Upgrades Server 920, 922LX, 937LX, 937	Opt. 839	
Upgrades Server 922RX	Opt. 841	
Upgrades Server 922, 925, 932	Opt. 842	
Upgrades Server 935, 947, 948	Opt. 852	
Upgrades Server 949, 957LX, 957	Opt. 853	
Upgrades Server 950, 955	Opt. 861	
Upgrades Server 958, 960	Opt. 863	
Upgrades Server 967LX, 967, 977	Opt. 864	
Fundamental Operating System (FOS) With a Class/Concurrent License to Use on Series 9xx includes MPE/iX operating system, VPLUS/V, KSAM, tools, utilities and Engineering software manual set.	32651B	
For use by 1 to 8 concurrent users	Opt. UA3	
For use by 1 to 20 users	Opt. OAF	
For use by 1 to 32 users	Opt. UA7	
For use by 1 to 40 users	Opt. UCY	
For use by 1 to 64 users	Opt. UA9	
For use by 1 to 100 users	Opt. UBD	
For use by 1 to 128 users	Opt. UAB	
For use by 1 to 160 users	Opt. UCN	
For use by 1 to 256 users	Opt. UAD	
For use by 1 to 384 users	Opt. UDW	
For use by unlimited users	Opt. UAT	
System Software Upgrade for MPE-only and SQL-only System Configurations Includes a Class/Concurrent License to Use on Series 9xx. It adds IMAGE/SQL database software to these systems.	32653B	
For use by 1 to 8 concurrent users	Opt. UA3	
For use by 1 to 20 users	Opt. OAF	
For use by 1 to 32 users	Opt. UA7	
For use by 1 to 40 users	Opt. UCY	
For use by 1 to 64 users	Opt. UA9	
For use by 1 to 100 users	Opt. UBD	
For use by 1 to 128 users	Opt. UAB	
For use by 1 to 160 users	Opt. UCN	
For use by 1 to 256 users	Opt. UAD	
For use by 1 to 384 users	Opt. UDW	
For use by unlimited users	Opt. UAT	
MPE/iX Server Media Product Must be ordered with a HP 3000 Server. MPE/iX Media Product (P/N 51453B) must also be ordered.	36396A	

Select a System Support Option. Refer to Table 3 on page 96.

HP 3000 MPE FOS and Media (cont'd)

Description	Product No./ Option No.	PRICE
HP 3000 MPE V/E Media Product	51450A	
Includes FOS tape, software installation procedures and manuals.		
CS80 Cartridge Tape media	Opt. AA0	
1600 bpi Magnetic Tape media	Opt. AA1	
CD-ROM (Europe only)	Opt. AAF	
English language version	Opt. ABA	
German language version (for Europe only)	Opt. ABD	
French language version (for Europe only)	Opt. ABF	
Delete manual	Opt. 0B0	
Delete FOS tape	Opt. 1C5	
Add-on software - current FOS (shipped from Europe)	Opt. 002	
Add-on software - update FOS (shipped from Europe)	Opt. 003	
MPE V/E Latest release	Opt. 200	
DOD Evaluated V-Delta-4 (28C2)	Opt. 345	
Release 1P	Opt. 360	
Release 2P	Opt. 365	
Release 30	Opt. 366	
Series 42 or higher	Opt. 911	
HP 3000 MPE/iX Media Product	51453B	
Includes FOS tape, software installation procedures and manuals.		
1600 bpi Magnetic Tape media	Opt. AA1	
6250 bpi Magnetic Tape media	Opt. AA2	
CD-ROM Update media	Opt. AAF	
Digital Data Storage (DDS) media	Opt. AAH	
English language version	Opt. ABA	
Delete manuals	Opt. 0B0	
Loaded FOS and SUBSYS on disk	Opt. 0D1	
Delete FOS tape	Opt. 1C5	
MPE/iX Latest platform release	Opt. 200	
MPE/iX Release 4.0	Opt. 240	
MPE/iX Release 4.5	Opt. 245	
Series 937RX/SX and 947RX/SX ALLBASE/SQL-only	Opt. 800	
Series 957RX/SX (or higher) ALLBASE/SQL-only	Opt. 801	
Series 9x7LX ALLBASE/SQL-only	Opt. 802	
Series 937RX/SX and 947RX/SX preconfigured	Opt. 810	
Series 957RX/SX (or higher) preconfigured	Opt. 811	
Series 9x7LX preconfigured	Opt. 812	
Series 937RX/SX and 947RX/SX MPE-only	Opt. 900	
Series 957RX/SX (or higher) MPE-only	Opt. 901	
Series 9x7LX MPE-only	Opt. 902	
Series 937RX/SX and 947RX/SX IMAGE/SQL-only	Opt. 910	
Series 957RX/SX (or higher) IMAGE/SQL-only	Opt. 911	
Series 9x7LX IMAGE/SQL-only	Opt. 912	

Select a System Support Option. Refer to Table 3 on page 96.

HP 3000 MPE FOS and Media (cont'd)

Description	Product No./ Option No.	PRICE
HP 3000 MPE/iX Media Product for Corporate Business System	51454B	
Includes FOS tape, software installation procedures and manuals.		
1600 bpi Magnetic Tape media	Opt. AA1	
6250 bpi Magnetic Tape media	Opt. AA2	
CD-ROM Update media	Opt. AAF	
Digital Data Storage (DDS) media	Opt. AAH	
English language version	Opt. ABA	
Loaded FOS and SUBSYS on disk	Opt. 0D1	
MPE/iX Latest platform release	Opt. 200	
MPE/iX Release 4.0	Opt. 240	
MPE/iX Release 4.5	Opt. 245	
Delete IMAGE/SQL (ALLBASE/SQL-only)	Opt. 910	
Delete ALLBASE/SQL (IMAGE/SQL-only)	Opt. 915	
Delete IMAGE/SQL and ALLBASE/SQL (MPE-only)	Opt. 920	
Delete Systems Management software	Opt. 931	
Delete Performance Management software	Opt. 932	
Basic Corporate Business System: no additional software	Opt. 933	

		Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX	948/935/ 64-70/ 957RX/SX	949/ 967RX/SX	958/950/ 955/960/ 977SX/987SX	980/100-400/ 990/992
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)	(350)
MPE/iX Developer Kit	36430A							
One RTU/Sublicense								
Credit for HP C/iX Comp., 31506A	Opt. 0CD							
Credit for HP C/iX Comp., 31506A	Opt. 0GJ							
Credit for HP C/iX Comp., 31506A	Opt. 0CE							
Credit for HP C/iX Comp., 31506A	Opt. 0CF							
Credit for HP C/iX Comp., 31506A	Opt. 0GL							
Credit for HP C/iX Comp., 31506A	Opt. 0GM							
Credit for HP C/iX Comp., 31506A	Opt. UEK							
HP Motif/iX Developer Kit	36394A							
Optional Documentation set	Opt. 001							
Architected Interface Facility	36374A							
Operating System								
One RTU/Sublicense								
DDS Training Tape	Opt. AA1							
1/2-inch Training Tape	Opt. AAH							
VHS Training Video Tape	Opt. 001							
NTSC format								
VHS Training Video Tape	Opt. 002							
P.A.L. format								
VHS Training Video Tape	Opt. 003							
SECAM format								
AIF: OS Additional	Opt. 004							
Reference Manual								
Architected Interface Facility:	36392A							
Measurement Interface								
AIF: MI Add'l Reference man.	Opt. 004							

Select a System Support Option. Refer to Table 3 on page 96.

HP 3000 MPE FOS and Media (cont'd)

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX (310)	947LX/ 922RX (315)	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX (320)	948/935/ 64-70/ 957RX/SX (330)	949/ 967RX/SX (335)	958/950/ 955/960/ 977SX/987SX (340)	980/100-400/ 990/992 (350)
Architected Interface Facility:	36429A							
Procedure Exits								
AIF: PE Add'l Reference man.	Opt. 004							
HP VPLUS/Windows	36393A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Single PC User License	Opt. 100							
10 User PC License	Opt. 200							

HP 3000 I/O

Description	Product No./ Option No.	PRICE
INTERFACE CARDS		
Series 95x and Series 85x Channel Adapter	A1101A	
PBA IB Chan-span with HP-IB Device Adapter	A1747A	
Includes 2m HP-IB cable.		
Delete HP-IB device adapter	Opt. 001	
Must order Corporate Business System (CS PBA with HP-IB card)	Opt. 002	
PBA FL Chan-span with HP-FL Device Adapter	A1748A	
Includes 30m fiber optic cable.		
Delete 30m fiber optic cable	Opt. 001	
12-inch Loopback cable	Opt. 002	
HP 3000 Corporate Business System Upper Bus Converter Card	A1829A	
Includes two bus converters per card.		
Series 9xx HP-IB Channel	27113A	
Includes 2m HP-IB cable.		
Hardware for Series 920, 922, 932, 948 and 958	Opt. 003	
CIO Fiber Optic Interface for Series 900	27115A	
Includes 30m fiber optic cable.		
Delete 30m fiber optic cable	Opt. 001	
12-inch Loopback cable	Opt. 002	
Hardware for Series 920, 922, 932, 948 and 958	Opt. 003	
Series 9xx SCSI CIO Channel	27251A	
Includes 2m SCSI cable.		
Hardware for Series 920, 922, 932, 948 and 958	Opt. 003	
PB FL-NIO Fiber Optic Interface (Series 9x7 or 99x)	28616A	
Includes 30m fiber optic cable.		
Delete 30m fiber optic cable	Opt. 001	
12-inch Loopback cable	Opt. 002	
SCSI 2 Device Adapter (NIO SCSI)	28642A	
Includes 1m SCSI cable.		
Replace 1m with 2.5m SCSI cable	Opt. ALX	

Select a System Support Option. Refer to Table 3 on page 96.

HP 3000 Memory Expansion

Description	Product No./ Option No.	PRICE	
8 Mb Memory for Series 925LX, 925, 935 and 949	A1010A		
Return Credit for 8 Mb ECC RAM	A1010AN		
16 Mb Memory for Series 925LX, 925, 935 and 949	A1037A		
Return Credit for 16 Mb Memory	A1037AN		
Series 95x and 960 Memory Controller	A1103A		
16 Mb Memory for Series 95x, 960 and 980	A1104A		
Return Credit for 16 Mb Memory	A1104AN		
64 Mb Memory for Series 980	A1152A		
Return Credit for 64 Mb Memory	A1152AN		
8 Mb ECC Memory Board	A1404A		
Return Credit for 8 Mb Memory	A1404AN		
16 Mb Memory for Series 920, 922LX, 922RX, 922 and 932	A1436A		
Return Credit for 16 Mb Memory	A1436AN		
32 Mb Memory for Series 920, 922LX, 922RX, 922 and 932	A1437A	\$ 70,000	\$49,800 - \$2,000
Return Credit for 32 Mb Memory	A1437AN		
32 Mb Memory for Series 925LX, 925, 935 and 949	A1623A		
Return Credit for 32 Mb Memory	A1623AN		
8 Mb Memory for 9x7LX and 9x7 Systems Supplied as two 4 Mb memory modules.	A2230A		
16 Mb Memory for 9x7 Systems Supplied as two 8 Mb memory modules.	A2231A		
32 Mb Memory for 9x7 Systems Supplied as two 16 Mb memory modules.	A2232A		
64 Mb Memory 9x7 Systems Supplied as two 32 Mb memory modules.	A2511A		
128 Mb Memory 9x7 Systems Supplied as two 64 Mb memory modules.	A2516A		
128 Mb Memory Card for HP 3000 CS 99x	A2233A		
256 Mb Memory Card for HP 3000 CS 99x	A2234A		
64 Mb Memory Card for HP 3000 CS 99x	A2570A		
Return Credit for 4 Mb Memory for Series 6x-70	30165AN		
Return Credit for 2 Mb Memory for Series 42xP/58	30173AN		
Return Credit for 2 Mb Memory for Series 37/37XE	30462AN		
Return Credit for 2 Mb Memory for Series 4x/5x	30478AN		
Return Credit for 4 Mb Memory for Series 4x/5x	30479AN		
Return Credit for 4 Mb Memory for MICRO 3000XE	30482AN		

Select a System Support Option. Refer to Table 3 on page 96.



Table 3. MPE, I/O and Memory Expansion Support Options

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
27113A	Series 9xx HP-IB card								
27115A	CIO Fiber optic interface for Series 900								
27251A	Series 9xx SCSI CIO channel								
28616A	PB FL-NIO Fiber optic interface								
28642A	SCSI 2 Device adapter (NIO SCSI)								
30165AN	Return credit for 4 MB memory for Series 6x-70								
30173AN	Return credit for 2 MB mem. for Series 42xP/58								
30462AN	Return credit for 2 MB mem. for Series 37/37XE								
30478AN	Return credit for 2 MB memory for Series 4x/5x								
30479AN	Return credit for 4 MB memory for Series 4x/5x								
30482AN	Return credit for 4 MB mem. for MICRO 3000XE								
32651B	Fundamental operating system (FOS)	Contact Sales Response Center or local SSO							
32653B	Sys. s/w upgrd. for MPE & SQL-only sys. config.								
36374A	Architected Interface Facility								
36392A	Architected Interface Facility: Meas. Interface								
36393A	HP VPLUS/Windows								
36394A	HP Motif/iX developer kit								
36396A	MPE/iX Server media product								
36429A	Architected Interface Facility: Procedure Exits								
36430A	MPE/iX Developer kit								
51450A	HP 3000 MPE V/E media product								
51453B	HP 3000 MPE/iX media product								
51454B	HP 3000 MPE/iX media prod. for Corp. Bus. Sys.								
A1010A	8 MB Memory for Series 925LX, 925, 935, 949								
A1010AN	Return credit for 8 MB ECC RAM								
A1037A	16 MB Memory for Series 925LX, 925, 935, 949								
A1037AN	Return credit for 16 MB ECC RAM								
A1101A	Series 95x and 85x channel adapter								
A1103A	Series 95x and 960 memory controller								
A1104A	16 MB Memory for Series 95x, 960, 980								
A1104AN	Return credit for 16 MB memory								
A1152A	64 MB Memory for Series 980								
A1152AN	Return credit for 64 MB memory								
A1153A	Add-on terminal support for servers								
A1404A	8 MB ECC Memory board								
A1404AN	Return credit for 8 MB memory								
A1436A	16 MB Mem. for S/920, 922LX, 922RX, 922, 932								
A1436AN	Return credit for 16 MB memory								
A1437A	32 MB Mem. for S/920, 922LX, 922RX, 922, 932								
A1437AN	Return credit for 32 MB memory								
A1623A	32 MB Mem. for Series 925LX, 925, 935, 949								
A1623AN	Return credit for 32 MB memory								
A1747A	PBA IB Chan-span with HP-IB device adapter								
A1748A	PBA FL Chan-span with HP-FL device adapter								
A1829A	HP 3000 Corp. Bus. Sys. upper bus convrt. card								
A2230A	8 MB Memory for 9x7LX and 9x7 systems								
A2231A	16 MB Memory for 9x7 systems								
A2232A	32 MB Memory for 9x7 systems								
A2233A	128 MB Memory card for HP 3000 CS 99x								
A2234A	256 MB Memory card for HP 3000 CS 99x								
A2511A	64 MB Memory for 9x7 systems								
A2516A	128 MB Memory for 9x7 systems								
A2570A	64 MB Memory card for HP 3000 CS 99x								

OS0: LTU SW/Next Day HW
OS1: LTU SW/Same Day HW

OS2: Tel SW/Next Day HW
OS3: Tel SW/Same Day HW

OS4: Inst./Ntwk. Config. Cust. Inst. Prod.
OS5: LTU SW/24 x 7 HW

OS6: Tel SW/24 x 7 HW
OSZ: Ntwk. Config. - HP Inst. Prod.

Peripherals and Accessories

For detailed information on these peripherals, please refer to the HP 3000 Series 900 Configuration Guide; available in the July 1993 edition, Publication Number 5091-7438E.

Peripheral, and accessory information in this document is for reference only. This information does NOT imply support on all SPUs

and operating systems.
All disk drive cabling must be ordered separately.

Cabinet Storage Systems

Description	Capacity	Product No./ Option No.	PRICE
STORAGE PRODUCTS FOR INSTALLATION INSIDE SPU PACKAGE			
3.5-inch Disk Drive	1.0 Gb	A2445A	
Includes install by field CE		Opt. 001	
No field CE install included		Opt. 002	
5.25-inch Disk Drive	2.0 Gb	A2446A	
Includes installation by field CE		Opt. 001	
No field CE installation included		Opt. 002	
5.25-inch Disk Drive (includes CE installation)	677 Mb	C2473S	
Includes installation by field CE		Opt. 001	
No field CE installation included		Opt. 002	
5.25-inch Disk Drive (includes CE installation)	1.355 Gb	C2474S	
Includes installation by field CE		Opt. 001	
No field CE installation included		Opt. 002	
3.5-inch DAT Tape	2.0 Gb	C2477SZ	
Includes installation by field CE		Opt. 001	
No field CE installation included		Opt. 002	
3.5-inch DAT Tape	up to 8.0 Gb	C2478SZ	
Includes installation by field CE		Opt. 001	
No field CE installation included		Opt. 002	
CD-ROM	600 Mb	C2476SZ	
Includes installation by field CE		Opt. 001	
No field CE installation included		Opt. 002	
INTEGRATED CABINET CONFIGURATIONS FOR 9x7 AND 99x AT THE FACTORY			
1100mm U 19-inch Computer Rack		A1883A*	
U.S. 100 - 120V power		Opt. ABA	
Add DTC 72 MX		J2070AZ	
Configure with 24 RS-232 direct connect RJ-45 ports		Opt. 001	
Configure with 48 RS-232 direct connect RJ-45 ports		Opt. 002	
Configure with 72 RS-232 direct connect RJ-45 ports		Opt. 003	
Replace 8 RJ-45 direct ports with 8 DB-25 modem ports		Opt. UG5**	
Add X.25 board with RS-232 interface		Opt. 1CW**	
Add X.25 board with V.35 interface		Opt. 1CX**	
Add Telnet Access board		Opt. 004**	
Racked DTC16iX LAN Manager		J2062AZ**	
Replace 8 direct with 8 modem ports		Opt. UG5**	
Add SCSI Disk (one 1.3 Gb disk drive)	1.3 Gb	C2461AZ	
Add SCSI Disk (two 1.3 Gb disk drives)	2.7 Gb	C2462AZ	
Add SCSI Disk (three 1.3 Gb disk drives)	4.0 Gb	C2463AZ	
Add SCSI Disk and One DDS Tape Drive	2.7 Gb	C2464BZ	
Add SCSI Disk (one 2.0 Gb disk drive)	2.0 Gb	C3023RZ	
Add SCSI Disk (two 2.0 Gb disk drives)	4.0 Gb	C3024RZ	
Add SCSI Disk (three 2.0 Gb disk drives)	6.0 Gb	C3025RZ	

Select appropriate language manual option when ordering (ABA, ABD, ABF, ABJ)

Select a System Support Option. Refer to Table 4 on page 112. * For A1883A, see Table 4.1 on page 116 for Support Options.

** Orderable July 1, 1993.

Cabinet Storage Systems (cont'd)

Description	Capacity	Product No./ Option No.	PRICE
1600mm U 19-inch Computer Rack		A1884A*	
U.S. 200 - 240V power		Opt. ABA	
European 200 - 240V power		Opt. ABB	
Add DTC 72 MX		J2070AZ	
Configure with 24 RS-232 direct connect RJ-45 ports		Opt. 001	
Configure with 48 RS-232 direct connect RJ-45 ports		Opt. 002	
Configure with 72 RS-232 direct connect RJ-45 ports		Opt. 003	
Replace 8 RJ-45 direct ports with 8 DB-25 modem ports		Opt. UG5**	
Add X.25 board with RS-232 interface		Opt. 1CW**	
Add X.25 board with V.35 interface		Opt. 1CX**	
Add Telnet Access board		Opt. 004**	
Racked DTC16iX LAN Manager		J2062AZ**	
Replace 8 direct with 8 modem ports		Opt. UG5**	
Add External HP-PB I/O Card Cage		A1828AZ	
With 14 single high card slots, interconnect cable and lower bus converter. Exclusively for use with the Corporate Business Systems 99x.			
Add High Availability HP-FL Disk Array	8.0 Gb	C2259HZ	
Add HP-FL Disk Array without Parity	8.0 Gb	C2259BZ	
Add High Availability HP-FL Disk Array	4.0 Gb	C2258HZ	
Add HP-FL Disk Array without Parity	4.0 Gb	C2258BZ	
Add High Availability HP-FL Disk Array	5.4 Gb	C2254HZ	
Add HP-FL Disk Array without Parity	5.4 Gb	C2254BZ	
Add High Availability HP-FL Disk Array	2.7 Gb	C2252HZ	
Add HP-FL Disk Array without Parity	2.7 Gb	C2252BZ	
Add SCSI Disk (one 1.3 Gb disk drive)	1.3 Gb	C2461AZ	
Add SCSI Disk (two 1.3 Gb disk drives)	2.7 Gb	C2462BZ	
Add SCSI Disk (three 1.3 Gb disk drives)	4.0 Gb	C2463AZ	
Add SCSI Disk and One DDS Tape Drive	2.7 Gb	C2464AZ	
Add SCSI Disk (one 2.0 Gb disk drive)	2.0 Gb	C3023RZ	
Add SCSI Disk (two 2.0 Gb disk drives)	4.0 Gb	C3024RZ	
Add SCSI Disk (three 2.0 Gb disk drives)	6.0 Gb	C3025RZ	
RACKMOUNT SCSI STORAGE SYSTEMS (For C2785A 1.1 meter and C2786A 1.6 meter standalone cabinets)			
Rackmount Storage System with 1 Gb Disk	1.0 Gb disk	C3022R, Opt. 002	
Must order field service installation for rackmount.			
Rackmount Storage System with 2 Gb Disk	2.0 Gb disk	C3023R, Opt. 002	
Must order field service installation for rackmount.			
Rackmount Storage System with Two 2 Gb Disks	4.0 Gb disk	C3024R, Opt. 002	
Must order field service installation for rackmount.			
Model 670 R Rackmount Disk Storage System	677 Mb disk	C2461R	
Includes installation by field CE.			
Model 1350 R Rackmount Disk Storage System	1.355 Gb disk	C2462R	
Includes installation by field CE.			
Model 2000D R Rackmount DAT Storage System	2.0 Gb DAT	C2464R	
Includes installation by field CE.			
Model 2002D R Rackmount DAT Storage System	4.0 Gb DAT	C2465R	
Two DAT drives. Includes installation by field CE.			
Model 8000D R Rackmount DC DAT Storage System	up to 8 Gb DAT	C2466R	
Includes installation by field CE.			

Select a System Support Option. Refer to Table 4 on page 112. * For A1884A, see Table 4.1 on page 116 for Support Options.

** Orderable July 1, 1993.

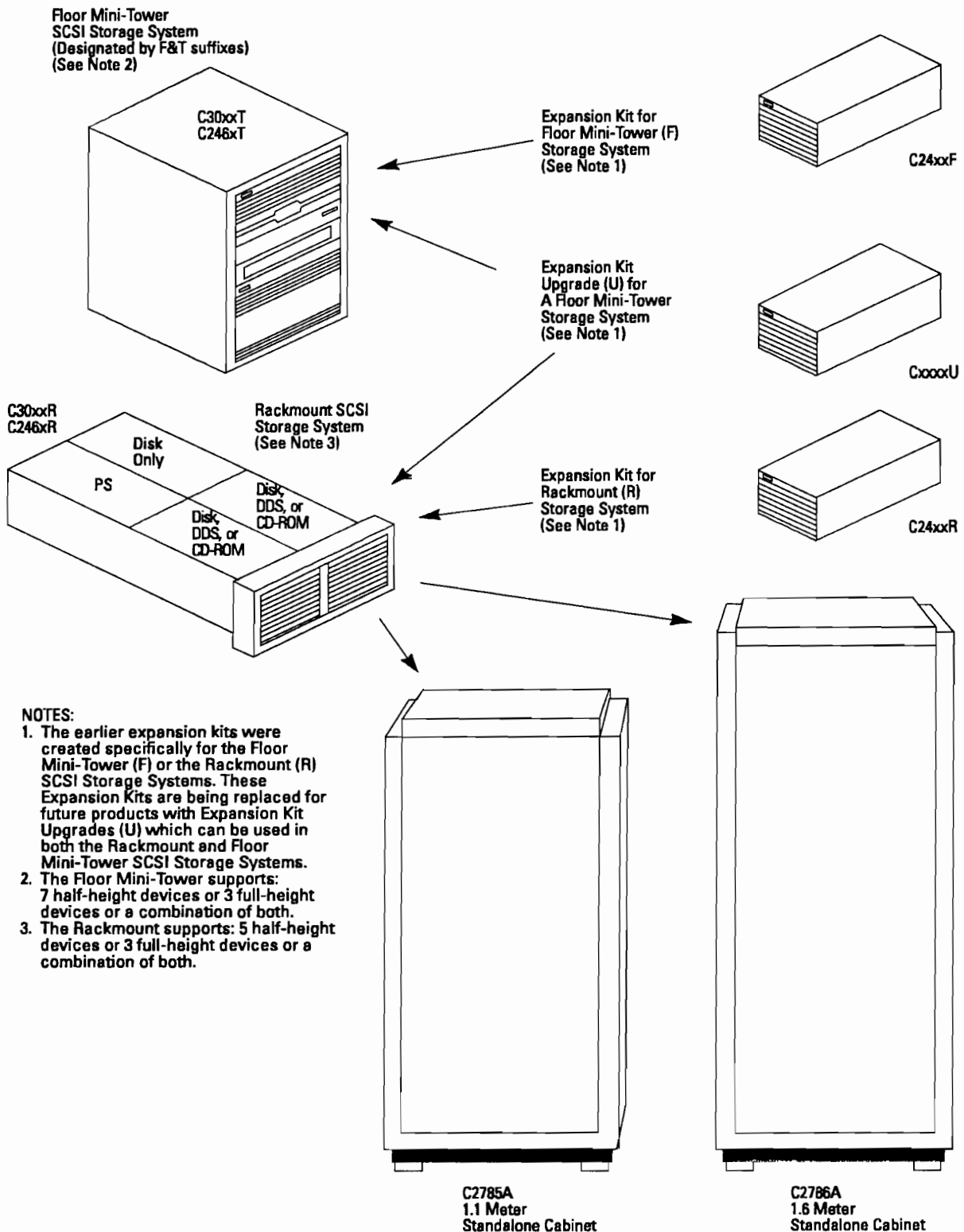
Cabinet Storage Systems (cont'd)

Description	Capacity	Product No./ Option No.	PRICE
FLOOR MINI-TOWER SCSI STORAGE SYSTEMS (F and T are suffix designators for Floor Mini-Tower)			
Mini-Tower Storage System with 1 Gb Disk	1.0 Gb disk	C3022T, Opt. 002	
Mini-Tower Storage System with 2 Gb Disk	2.0 Gb disk	C3023T, Opt. 002	
Mini-Tower Storage System with Two 2 Gb Disks	4.0 Gb disk	C3024T, Opt. 002	
Model 670 F Mini-Tower Disk Storage System	677 Mb disk	C2461F	
Model 1350 F Mini-Tower Disk Storage System	1.355 Gb disk	C2462F	
Model 2000D F Mini-Tower DAT Storage System	2.0 Gb DAT	C2464F	
Model 2002D F Mini-Tower DAT Storage System Two 2 Gb DAT drives.	4.0 Gb DAT	C2465F	
Model 8000D F Mini-Tower DC DAT Storage System	up to 8 Gb DAT	C2466F	
EXPANSION KITS FOR RACKMOUNT AND FLOOR MINI-TOWER STORAGE SYSTEMS* (Available in the C246x R/F or C302x R/T cabinets)			
3.5-inch DDS DAT Drive for Mini-Tower/Rackmount Storage Sys. Customer installation.	2.0 Gb	C2477U	
DDS-DC DAT Drive for Mini-Tower/Rackmount Storage System Customer installation.	up to 8.0 Gb	C2478U	
CD-ROM Drive for Mini-Tower/Rackmount Storage System Customer installation.	600 Mb	C2293U	
SCSI-2 Expansion Disk Must order field service installation into rackmount.	1.0 Gb	C3027U, Opt. 002	
SCSI-2 Expansion Disk Must order field service installation into rackmount.	2.0 Gb	C3028U, Opt. 002	
EXPANSION KITS FOR RACKMOUNT STORAGE SYSTEMS* (Available in the C246x R cabinets only)			
5.25-inch Disk Drive Includes installation by field CE.	677 Mb	C2473R	
Factory installation		Opt. 0D1	
5.25-inch Disk Drive Includes installation by field CE.	1.355 Gb	C2474R	
Factory installation		Opt. 0D1	
Half-Height CD-ROM Includes installation by field CE.	600 Mb	C2476R	
Factory installation		Opt. 0D1	
3.5-inch DAT Tape Includes installation by field CE.	2.0 Gb	C2477R	
Factory installation		Opt. 0D1	
DDS-DC DAT Drive Includes installation by field CE.	up to 8.0 Gb	C2478R	
Factory installation		Opt. 0D1	

* Expansion kits consist of the disk mechanism (no cabinet) and appropriate mounting bracket(s).

Select a System Support Option. Refer to Table 4 on page 112.

Series 6000 SCSI Mass Storage System



Cabinet Storage Systems (cont'd)

Description	Capacity	Product No/ Option No.	PRICE
EXPANSION KITS FOR FLOOR MINI-TOWER STORAGE SYSTEMS*			
(Available in the C246x F cabinets only)			
5.25-inch Disk Drive	677 Mb	C2473F	
Includes installation by field CE.			
Factory installation		Opt. 0D1	
5.25-inch Disk Drive	1.355 Gb	C2474F	
Includes installation by field CE.			
Factory installation		Opt. 0D1	
Half-Height CD-ROM (available for 246x cabinet only)	600 Mb	C2476F	
Includes installation by field CE.			
Factory installation		Opt. 0D1	
3.5-inch DAT Tape Drive		C2477F	
Includes installation by field CE.			
Factory installation		Opt. 0D1	
DDS-DC DAT Drive	up to 8 Gb	C2478F	
Factory installation		Opt. 0D1	

* Expansion kits consist of the disk mechanism (no cabinet) and appropriate mounting bracket(s).

Option 0DG has been replaced by System Support Option 0S4 (Field installation). Refer to Table 4 on page 112.

Standalone Cabinets and Peripherals

STANDALONE CABINET CONFIGURATIONS FOR 9x7 AND 99x AT THE FACTORY

Standalone Cabinet	1.1 m	C2785A	
100-120V North American power		Opt. ABA	
200-240V European power		Opt. ABB	
208-220V North American power (must order Opt. ABA also)		Opt. 0E3	
Adds six one-EIA-unit filler panels (order multiples of this option if more than six filler panels needed)		Opt. 1F9	
Extractor fan (compatible with cabinet voltage)		Opt. 1FA	
Front door with security lock		Opt. 1FC	
Standalone Cabinet	1.6 m	C2786A	
208-220V North American power		Opt. ABA	
200-240V European power		Opt. ABB	
100-120V North American power (must order Opt. ABA also)		Opt. 0E2	
Adds six one-EIA-unit filler panels (order multiples of this option if more than six filler panels needed)		Opt. 1F9	
Front door (can be locked for security purposes)		Opt. 1FC	
Generic Rail Kit for Non-Standard 19-inch Peripherals		C2788A	
ADP Rackmount Kit (for rear of cabinet)		C2792A	
Rackmount Kit for HP 3000 Series 9x7LX Systems		C2797A	
Rackmount Kit for HP 3000 Series 9x7RX and 9x7SX Systems		C2798A	
HP Series 6400 Mdl 2000 DDS Format Tape Drive w/SCSI Interface	2.0 Gb	C1520B	
Model 2000DC Standalone DAT Storage System*	up to 8 Gb	C1521B	
Data compression (must order Opt. AG9)		Opt. AG9	

* Option AG9 must be ordered as an interim solution on the Standalone DAT until host control of data compression is supported in the operating system.

Select a System Support Option. Refer to Table 4 on page 112.

Standalone Cabinets and Peripherals (cont'd)

Description	Capacity	Product No./ Option No.	PRICE
CD-ROM Standalone SCSI Drive	600 Mb	A1999A	
Rackmount Kit for HP 2340A DTC16		35199E	
Rackmount Kit for HP 2345A DTC48		C2799A	
14 Kg (30 lbs.) Anti-Tip Ballast		C2790A	
Package of Six One-EIA-Unit Filler Panels (Use this only when ordering separate from rack. Use Opt. 1F9 w/rack.)		C2791A	
C220xA Disk Rack Kit for HP7979A or 7980A/XC (1/2-inch tape drive)		19508A	
Long P-Bus Cable (Required when connecting one two-drive cabinet to another.)		19570A	
Fiberlink Interface Customer Cable Length (up to 500 meters) Refer to HP 27111A for ordering information. For more information, call your local HP sales office listed in your telephone directory or an HP reg. office for the location of your nearest sales office.		HFBR-AWDxxx (xxx denotes cable length)	

HP-FL Disk Arrays and Accessories

High Availability Disk Array Includes three 1.36 Gb disk drives (two for data storage and one data protection drive).	2.72 Gb	C2252HA*	
English language manual		Opt. ABA	
German language manual		Opt. ABD	
French language manual		Opt. ABF	
Japanese language manual		Opt. ABJ	
High Availability Disk Array Includes five 1.36 Gb disk drives (four for data storage and one data protection drive).	5.44 Gb	C2254HA*	
English language manual		Opt. ABA	
German language manual		Opt. ABD	
French language manual		Opt. ABF	
Japanese language manual		Opt. ABJ	
Disk Array Includes two 1.36 Gb disk drives.	2.72 Gb	C2252B*	
English language manual		Opt. ABA	
German language manual		Opt. ABD	
French language manual		Opt. ABF	
Japanese language manual		Opt. ABJ	
Disk Array Includes four 1.36 Gb disk drives.	5.44 Gb	C2254B*	
English language manual		Opt. ABA	
German language manual		Opt. ABD	
French language manual		Opt. ABF	
Japanese language manual		Opt. ABJ	
Disk Drive Array Module Can be used as a replacement disk drive, or as an upgrade.	1.3 Gb	C2251A	

* For accessories, refer to next page.

Select a System Support Option. Refer to Table 4 on page 112.

HP-FL Disk Arrays and Accessories (cont'd)

Description	Capacity	Product No./ Option No.	PRICE
NEW PERIPHERALS			
High Availability Disk Array Includes three 2.0 Gb disk drives (two for data storage and one data protection drive). Must order patch tape 4.0 for MPE/iX 4.0. (C3300A)	4.0 Gb	C2258HA	
High Availability Disk Array Includes five 2.0 Gb disk drives (four for data storage and one data protection drive). Must order patch tape 4.0 for MPE/iX 4.0. (C3300A)	8.0 Gb	C2259HA	
Disk Array Includes two 2.0 Gb disk drives. Must order patch tape 4.0 for MPE/iX 4.0. (C3300A)	4.0 Gb	C2258B	
Disk Array Includes four 2.0 Gb disk drives. Must order patch tape 4.0 for MPE/iX 4.0. (C3300A)	8.0 Gb	C2259B	
Disk Drive Array Module Can be used as a replacement disk drive, or as an upgrade.	2.0 Gb	C2257A	
ACCESSORIES			
Long P-Bus Cable To interconnect two disk arrays in two adjacent C2786A cabinets.		19572A	
Long P-Bus Cable To connect a disk array in a C2786A cabinet to an adjacent 7937FL or 1.34 FL product in a different cabinet or anytime you connect an array to a non-array FL disk.		19573A	
Short P-Bus Cable A .8 m P-bus cable used to connect the C225X HP-FL disk arrays to a C2204, C2201 or 7937FL		19573P	

Optical Storage

Model 20GB/A - Rewritable Optical Disk Library System Includes two rewritable disk drive, 32 optical disks, and installation. (No SCSI cable included.)	2.0 Gb	C1700A	
Deskside optical library with cabinet		Opt. 1AB	
Rackmount optical library with 1 m cabinet		Opt. 1AC	
Rackmount optical library with slides for installation in an existing 1 m cabinet (Opt. 1AC)		Opt. 133	
Include only one optical disk		Opt. 231	
Include 32 rewritable disks		Opt. 241	
Return Credit for 7970E toward C1700A Purchase		7970EN	
Return Credit for 7974A toward C1700A Purchase		7974AN	
Return Credit for 7978A/B toward C1700A Purchase		7978BN	
Model 10GB/A - Rewritable Optical Disk Library System Includes one rewritable disk drive, 32 optical disks, and installation. (No SCSI cable included.)	10 Gb	C1703A	
Deskside optical library with cabinet		Opt. 1AB	
Rackmount optical library with 1m cabinet		Opt. 1AC	
Rackmount optical library with slides for installation in an existing 1 m cabinet (Opt. 1AC)		Opt. 133	

Select appropriate manual option when ordering (ABA, ABD, ABF, ABJ).

Select a System Support Option. Refer to Table 4 on page 112.

Backup Tape Drives

Description	Capacity	Product No/ Option No.	PRICE
1/2-inch Streaming Magnetic Tape Subsystem with HP-IB Includes 1m cabinet.	1600 cpi	7979A	
Tape drive without cabinet for installation in A1001A cabinet		Opt. 1A4	
Add-on 7979A tape drive for installation in existing 1m cabinet		Opt. 133	
Kit to add 7936/7937 to 7979/7980 cabinet		Opt. 137	
Return Credit for 7979A toward C1700A Purchase		7979AN	
1/2-inch Streaming Magnetic Tape Subsystem with HP-IB Includes 1m cabinet.	1600/6250 cpi	7980A	
Tape drive without cabinet for installation in A1001A cabinet		Opt. 1A4	
Add-on 7980A tape drive for installation in existing 1m cabinet		Opt. 133	
Kit to add 7936/7937 to 7979/7980 cabinet		Opt. 137	
Return Credit for 7980A toward C1700A Purchase		7980AN	
1/2-inch Streaming Magnetic Tape Subsystem with HP-IB Includes 1m cabinet.	1600/6250/6250XC cpi	7980XC	
Tape drive without cabinet for installation in A1001A cabinet		Opt. 1A4	
Add-on 7980XC tape drive for installation in existing 1m cabinet		Opt. 133	
Kit to add 7936/7937 to 7979/7980 cabinet		Opt. 137	
Return Credit for 7980XC toward C1700A Purchase		7980XCN	
HP Series 6400 Model 2000DC Data compression (up to 8 Gb) DDS format tape drive with SCSI interface.		C1520B	
HP Series 6400 Model 2000DC Data compression (up to 8 Gb) DDS format tape drive with SCSI interface.		C1521B	
7978A to 7978B Upgrade Kit		88702A	
Add 6250 cpi GCR Format to 7979A		88703A	
Allows 7936/37 Installation in 7979/80 Cabinet Requires 19512A rackmount kit.		88704A	
7980A to 7980XC Upgrade Kit		88705A	
TAPE DRIVE RETURN CREDITS			
The following upgrade credits are available when trading up to a 7980A or 7980XC tape drive:			
Trade-in Credit		7970EN	
Trade-in Credit		7974AN	
Trade-in Credit		7978BN	

Printers

HP 5000 Model F100 Page Printer--60Hz Includes 16 Mb graphics memory.	C2753A	
HP 5000 Model F100 Page Printer--50Hz Includes 16 Mb graphics memory.	C2754A	
HP 5000 Model F100/Turbo Page Printer--60Hz Includes Turbo Controller, 16 Mb graphics memory.	C2753B	
HP 5000 Model F100/Turbo Page Printer--50Hz Includes Turbo Controller, 16 Mb graphics memory.	C2754B	
HP 5000 Model F135 Page Printer--60Hz Includes Turbo Controller, 16 Mb graphics memory.	C2776A	
HP 5000 Model F135 Page Printer--50Hz Includes Turbo Controller, 16 Mb graphics memory.	C2777A	
HP 5000 Model F100XP Page Printer--60Hz Includes Turbo Controller, 17-inch wide print, 16 Mb graphics memory.	C2772A	

Select a System Support Option. Refer to Table 4 on page 112.

Printers (cont'd)

Description	Product No/ Option No.	PRICE
HP 5000 Model F100XP Page Printer--50Hz Includes Turbo Controller, 17-inch wide print, 16 Mb graphics memory.	C2773A	
HP 5000 Model F135XP Page Printer--60Hz Includes Turbo Controller, 17-inch wide print, 16 Mb graphics memory.	C2755B	
HP 5000 Model F135XP Page Printer--50Hz Includes Turbo Controller, 17-inch wide print, 16 Mb graphics memory.	C2756B	
Return Credit for HP 2680A Printer Limit one credit per HP 5000 printer ordered, expires October 31, 1993.	2680AN	
16 Mb Graphics Memory Expansion HP 5000 printers accept up to three expansion modules.	C2758A	
Floor Feed External Paper Input	C2775A	
Center Feed External Paper Input	C2760A	
Splicing Station Requires a C2760A Center Feed External Paper Input	C2761A	
Center Cutter	C2762A	
Decurler	C2770A	
Voltage Selectable Transformer Required for HP 5000 printers in UK, Australia and some parts of Japan.	C2763A	
135 ppm Speed Upgrade--60Hz	C2768A	
135 ppm Speed Upgrade--50Hz	C2769A	
17-inch Wide Print Upgrade	C2774A	
Turbo Controller Upgrade For F100 models C2753A and C2754A only.	C2779A	
420 LPM Tabletop Line Printer Includes 7 character sets; must specify I/O.	2562C	
220 VAC, 50/60 Hz	Opt. 015	
100 VAC, 50/60 Hz	Opt. 016	
240 VAC, 50/60 Hz	Opt. 017	
Graphics option - HP Iable card	Opt. 024	
HP-IB I/O with 4m cable and documentation	Opt. 046	
Replaces standard with Katakana character sets	Opt. 047	
U.S. Postal Barcode character set	Opt. 048	
RS-232 Interface (cable not included)	Opt. 049	
RS-422 Interface (cable not included)	Opt. 050	
Centronics interface	Opt. 053	
16.7 cpi character set. Will replace 13.3 cpi	Opt. 060	
Service documentation	Opt. 715	
55 dBA Dot Matrix Line Printer (420 LPM) Includes quietized cabinet, sound abatement & passive paper stacker	2563C	
Line Draw, Math and Block	Opt. 001	
Replaces Standard with Katakana 8	Opt. 002	
OCR A & B	Opt. 003	
Near letter quality, HP Roman 8	Opt. 004	
Near letter quality, Italics HP Roman 8	Opt. 005	
Near letter quality, HP Katakana 8	Opt. 006	
Barcodes (3 of 9, 2 of 5, UPC, EAN)	Opt. 008	
12, 13.3 cpi Roman 8	Opt. 009	
12, 15 cpi Roman 8	Opt. 012	
13.3, 15 cpi Roman 8	Opt. 013	

Select a System Support Option. Refer to Table 4 on page 112.

Printers (cont'd)

Description	Product No./ Option No.	PRICE
55 dBA Dot Matrix Line Printer (420 LPM) (cont'd)	2563C	
220 VAC, 50/60 Hz	Opt 015	
100 VAC, 50/60 Hz	Opt 016	
240 VAC, 50/60 Hz	Opt 017	
HP Label card	Opt 024	
Cyrillic - ECMA 113/86	Opt 026	
Cyrillic high density - ECMA 113/86	Opt 027	
Cyrillic - ECMA 113/88	Opt 028	
Cyrillic high density - ECMA 113/88	Opt 029	
Line Draw, Arabic 8	Opt 030	
Near letter quality, Arabic 8	Opt 031	
USASCII, Line Draw, Turkish 8	Opt 032	
Near letter quality, USASCII Turkish 8	Opt 033	
USASCII, Line Draw, Greek 8	Opt 034	
Near letter quality, USASCII Greek 8	Opt 035	
USASCII, Line Draw, Hebrew 8	Opt 036	
Near letter quality, USASCII Hebrew 8	Opt 037	
Line Draw, Hebrew 7	Opt 038	
Near letter quality, Hebrew 7	Opt 039	
East European - ECMA 94/Latin2	Opt 043	
East European high density - ECMA 94/Latin2	Opt 044	
HP-IB I/O with 4m cable and documentation	Opt 046	
U.S. Postal Barcode character set	Opt 048	
RS-232 Interface (cable not included)	Opt 049	
RS-422 Interface (cable not included)	Opt 050	
Centronics interface	Opt 053	
HP 3000 Multipoint	Opt 055	
3-Pack ribbons (P/N 92158A)	Opt 068	
2608A Compatible interface	Opt 100	
HP-IB Interface for HP 9000 Basic or Pascal systems	Opt 200	
HP-IB Interface for HP 250/260 systems	Opt 250	
Extended capabilities (Opt. 004, 005, 008 and 068)	Opt 510	
Service documentation	Opt 715	
1200 LPM Line Printer	2566C	
Line Draw, Math and Block	Opt 001	
Replaces Standard with Katakana 8	Opt 002	
Near letter quality, HP Roman 8	Opt 004	
Near letter quality, Italics HP Roman 8	Opt 005	
Near letter quality, HP Katakana 8	Opt 006	
Barcodes (3 of 9, 2 of 5, UPC, EAN)	Opt 008	
12, 13.3 cpi Roman 8	Opt 009	
12, 15 cpi Roman 8	Opt 012	
13.3, 15 cpi Roman 8	Opt 013	
220 VAC, 50/60 Hz	Opt 015	
100 VAC, 50/60 Hz	Opt 016	
240 VAC, 50/60 Hz	Opt 017	

Select a System Support Option. Refer to Table 4 on page 112.

Printers (cont'd)

Description	Product No./ Option No.	PRICE
1200 LPM Line Printer (cont'd)	2566C	
Graphics option	Opt. 024	
Cyrillic - ECMA 113/86	Opt. 026	
Cyrillic high density - ECMA 113/86	Opt. 027	
Cyrillic - ECMA 113/88	Opt. 028	
Cyrillic high density - ECMA 113/88	Opt. 029	
Line Draw, Arabic 8	Opt. 030	
Near letter quality, Arabic 8	Opt. 031	
Near letter quality, USASCII, Line Draw, Turkish 8	Opt. 032	
Near letter quality, USASCII Turkish 8	Opt. 033	
Near letter quality, USASCII, Line Draw, Greek 8	Opt. 034	
Near letter quality, USASCII Greek 8	Opt. 035	
Near letter quality, USASCII, Line Draw, Hebrew 8	Opt. 036	
Near letter quality, USASCII Hebrew 8	Opt. 037	
Near letter quality, Line Draw, Hebrew 7	Opt. 038	
Near letter quality, Hebrew 7	Opt. 039	
East European - ECMA 94/Latin2	Opt. 043	
East European high density - ECMA 94/Latin2	Opt. 044	
HP-IB I/O with 4m cable and documentation	Opt. 046	
RS-232 Interface (cable not included)	Opt. 049	
RS-422 Interface (cable not included)	Opt. 050	
Deletes powered paper stacker	Opt. 060	
Service documentation	Opt. 715	
1600 LPM Line Printer	2567C	
Line Draw, Math and Block	Opt. 001	
Replaces Standard with Katakana 8	Opt. 002	
Near letter quality, HP Roman 8	Opt. 004	
Near letter quality, Italics HP Roman 8	Opt. 005	
Near letter quality, HP Katakana 8	Opt. 006	
Barcodes (3 of 9, 2 of 5, UPC, EAN)	Opt. 008	
12, 13.3 cpi Roman 8	Opt. 009	
12, 15 cpi Roman 8	Opt. 012	
13.3, 15 cpi Roman 8	Opt. 013	
220 VAC, 50/60 Hz	Opt. 015	
100 VAC, 50/60 Hz	Opt. 016	
240 VAC, 50/60 Hz	Opt. 017	
Graphics option	Opt. 024	
Cyrillic - ECMA 113/86	Opt. 026	
Cyrillic high density - ECMA 113/86	Opt. 027	
Cyrillic - ECMA 113/88	Opt. 028	
Cyrillic high density - ECMA 113/88	Opt. 029	
Line Draw, Arabic 8	Opt. 030	
Near letter quality, Arabic 8	Opt. 031	
Near letter quality, USASCII, Line Draw, Turkish 8	Opt. 032	
Near letter quality, USASCII Turkish 8	Opt. 033	
Near letter quality, USASCII, Line Draw, Greek 8	Opt. 034	
Near letter quality, USASCII Greek 8	Opt. 035	

Select a System Support Option. Refer to Table 4 on page 112.

Printers (cont'd)

Description	Product No./ Option No.	PRICE
1600 LPM Line Printer (cont'd)	2567C	
Near letter quality, USASCII, Line Draw, Hebrew 8	Opt. 036	
Near letter quality, USASCII Hebrew 8	Opt. 037	
Near letter quality, Line Draw, Hebrew 7	Opt. 038	
Near letter quality, Hebrew 7	Opt. 039	
East European - ECMA 94/Latin2	Opt. 043	
East European high density - ECMA 94/Latin2	Opt. 044	
HP-IB I/O with 4m cable and documentation	Opt. 046	
RS-232 Interface (cable not included)	Opt. 049	
RS-422 Interface (cable not included)	Opt. 050	
Deletes powered paper stacker	Opt. 060	
Service documentation	Opt. 715	
200/67/40 cps Dot Matrix Impact Printer	2934A	
With near letter/draft quality print. Courier cartridge, graphics, bar codes, RS-232/RS-422 interface.		
Centronics Parallel	Opt. 042	
Readback Functionality Card for LaserJet III and LaserJet IIID Printers	26013A	
LaserJet III 8 ppm Printer	33449A	
Power Envelope Feeder for LaserJet IIID	33458A	
LaserJet IIID 8 ppm Dual Bin Printer	33459A	
Adobe PostScript Cartridge from HP	33439A	
1 Mb Memory Board for LaserJet IIP, III and IIID Printers	33474B	
2 Mb Memory Board for LaserJet IIP, III and IIID Printers	33475B	
PaintJet Color Graphics Printer	3630A	
RS-232 C/V.24 I/O	Opt. 001	
HP-IB Interface	Opt. 002	
Centronics I/O	Opt. 004	
LaserJet IIISi Printer	33491A	
PostScript Upgrade	33494A	

Terminals

HP 700/96 Display Terminal--Amber Phosphor	C1064A	
U.S. Keyboard	Opt. ABA	
HP 700/96 Display Terminal--Green Phosphor	C1064G	
U.S. Keyboard	Opt. ABA	
HP 700/96 Display Terminal--Soft White Phosphor	C1064W	
U.S. Keyboard	Opt. ABA	
HP 700/98 Hi Performance Terminal--Amber Phosphor	C1065A	
U.S. Keyboard	Opt. ABA	
HP 700/98 Hi Performance Terminal--Green Phosphor	C1065G	
U.S. Keyboard	Opt. ABA	
HP 700/98 Hi Performance Terminal--Soft White Phosphor	C1065W	
U.S. Keyboard	Opt. ABA	
HP 700/96ES Display Terminal--Soft White Phosphor	C1084W	
U.S. Keyboard	Opt. ABA	
HP 700/98ES Hi Performance Terminal--Soft White Phosphor	C1085W	
U.S. Keyboard	Opt. ABA	

Select a System Support Option. Refer to Table 4 on page 112.

Peripheral Accessories

Plotter Accessories

Description	Product No./ Option No.	PRICE
24-inch Take-up Reel for HP7600 240D Electrostatic Plotter	C1621A	
36-inch Take-up Reel for HP7600 240E Electrostatic Plotter	C1622A	

Disk and Tape Drive Accessories

67.1 Mb Certified Tape Cartridge For 35401A, 7911, 7912, 7914, 9144A. Box of 5.	88140LC	
16.7 Mb Certified Tape Cartridge For 35401A, 7911, 7912, 7914, 9144A. Box of 5.	88140SC	
600-ft. 1/2-inch Magnetic Tape Reels Box of 10.	92150D	
1200-ft. 1/2-inch Magnetic Tape Reels Box of 10.	92150E	
2400-ft. 1/2-inch Magnetic Tape Reels Box of 10.	92150F	
133 Mb Certified Tape Cartridge for 9145A Box of 5.	92245L	
33 Mb Certified Tape Cartridge for 9145A Box of 5.	92245S	
404 Mb Removable Media Module for 7935H	97935A	
Rewritable Optical Disk 1024 Bytes/sector	92280A	
1.3 Gb DDS Cassettes For C1511A DDS format tape drives. 60M, box of 5.	92283A	
2.0 Gb DDS Cassettes For half height DDS format tape drives. 90M, box of 5.	92283B	
Write-Once Optical Disk, 1024 byte/sector	92290A	

Printer Accessories

HP LaserJet IIISi Printer Interface	C2059H	
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256x PRINTER ACCESSORIES

Font Cartridge	C1607A	
VRC ROM Cartridge	C1608A	
A Media Tray	C1609A	
A4 Media Tray	C1610A	
B-Size Media Kit	C1611A	
A3-Size Media Kit	C1612A	
A-Size Media Tray	C1634A	
A4-Size Media Tray	C1635A	
B-Size Media Kit	C1636A	
A3-Size Media Kit	C1637A	
Media Stacker	C1644A	

Select a System Support Option. Refer to Table 4 on page 112.

Printer Accessories (cont'd)

Description	Product No./ Option No.	PRICE
HP Label Card Graphics Upgrade Kit	26062A	
For 2563B printer	Opt. 002	
For 2564B printer	Opt. 004	
For 2566B printer	Opt. 007	
For 2567B printer	Opt. 008	
Interface Upgrade Kit for 256x Printers	26067B	
RS-232 Interface	Opt. 003	
RS-422 Interface	Opt. 004	
Printer Interface Kit	26099A	
Character Set Upgrade Kit for 256x Printers	26761B	
Line Draw, Math and Block	Opt. 001	
Katakana 8	Opt. 002	
OCR A & B	Opt. 003	
Near letter quality, HP Roman 8	Opt. 004	
Near letter quality, HP Roman 8 Italics	Opt. 005	
Near letter quality, HP Katakana 8	Opt. 006	
Bar Codes (3-of-9, 2-of-5, UPC, EAN)	Opt. 008	
12, 13.3 cpi Roman 8 (256x "B" only)	Opt. 009	
12, 15 cpi Roman 8 (256x "B" only)	Opt. 012	
13.3, 15 cpi Roman 8 (256x "B" only)	Opt. 013	
16.7 cpi for HP2562C printer only	Opt. 060	
Powered Paper Stacker Upgrade for 2566B/67B	26765C	
Hi-speed Draft Character Set Upgrade for 2566/7B	26766C	
Passive Stacking Aid Upgrade for 2563B/64B/64C	26770C	
Hi-speed Draft Character Set Upgrade for 2563B	26771C	
Hi-speed Draft Character Set Upgrade for 2564B	26772C	
Ribbon 2563/64 Longlife Text Only, 3-pack	92162A	
Ribbon--Text and Optical Mark Recognition	92162M	
For 2562/63/64 printers. Box of 3.		
Towel Ribbon for 2565/66/67	9282-0545	

293x PRINTER ACCESSORIES

2934A Interface Upgrade Kit	29086A	
Standard RS-422.		
Centronics interface upgrade kit	Opt. 042	
HP-IB interface upgrade kit	Opt. 046	
Print Head	92154B	
3-Ribbon Pack	92155L	
10 mil characters/ribbon.		
3-Ribbon Pack	92155M	
For OCR and bar code applications.		
Electrical Surge Suppressor-2	92165A	
Five 15R receptacles.		
Electrical Surge Suppressor-4	92165B	
Five 15R receptacles.		
Electrical Surge Suppressor-6	92165C	
Five 15R receptacles.		

Select a System Support Option. Refer to Table 4 on page 112.

Printer Accessories (cont'd)

Description	Product No./ Option No.	PRICE
RS-232 Data Port Surge Protector	92165R	
Paper Catcher Table top, for 293x printer.	92171G	
Courier 10 for 2934 Printer	92188A	
Courier 12	92188B	
Helv	92188E	
OCR A	92188G	
Italic 10	92188H	
Italic 12	92188J	
Orator	92188K	
Prestige Pica 10	92188M	
Prestige Elite 12	92188N	
Letter Gothic 12	92188R	
OCR B	92188T	
Arabic 8	92188U	
Greek 8	92188V	
Turkish 8	92188W	
Hebrew 7	92188X	
Hebrew 8	92188Y	
RS-232 ABC Switch With built-in surge protection.	92205E	
RS-232 Dual ABC Switch With built-in surge protection.	92205F	
HP-IB ABC Switch	92205Y	
Sound Enclosure for 293x Printer	92211W	
HP 5000 SERIES PRINTER ACCESSORIES		
HP 3000 CIO SCSI Host Adapter Card	27251A	
HP 3000 HP-PB SCSI Host Adapter Card	28642A	
HP 9000 HP-PB SCSI Host Adapter Card	28655A	
Fiber-Optic SCSI Extender	28643A	
50 meter fiber-optic cable	Opt. AFB	
100 meter fiber-optic cable	Opt. AFD	
0.5 meter SCSI Cable	92222A	
1.0 meter SCSI Cable	92222B	
2.0 meter SCSI Cable	92222C	
8 Kg Developer for HP 5000 Printers Estimated yield is 2.8 million pages.	35191A	
9 Kg Toner for HP 5000 Printers Estimated yield is 267,000 pages.	35192A	

Select a System Support Option. Refer to Table 4 on page 112.

Table 4. Peripheral and Peripheral Accessories Support Options

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
19508A	C220xA Disk rack kit for HP7979A or 7980A/XC								
19570A	Long P-bus cable								
19572A	Long P-bus cable								
19573A	Long P-bus cable								
19573P	Short P-bus cable								
2562C	420 LPM Tabletop line printer								
2563C	55 dBA Dot matrix line printer (420 LPM)								
2566C	1200 LPM Line printer								
2567C	1600 LPM Line printer								
26013A	Readback funct. card for LJ III & IIID printers								
26062A	HP Label card graphics upgrade kit								
26067B	Interface upgrade kit for 256x printers								
26099A	Printer interface kit								
26761B	Character set upgrade kit for 256x printers								
26765C	Powered paper stacker upgrade for 2566B/67B								
26766C	Hi-speed draft character set upgrd. for 2566/7B								
26770C	Passive stacking aid upgd. for 2563B/64B/64C								
26771C	Hi-speed draft character set upgrd. for 2563B								
26772C	Hi-speed draft character set upgrd. for 2564B								
2680AN	Return credit for HP 2680A printer								
27251A	HP 3000 CIO SCSI Host adapter card								
28642A	HP 3000 HP-PB SCSI Host adapter card								
28643A	Fiber optic SCSI extender								
28655A	HP 9000 HP-PB SCSI Host adapter card								
29086A	2934A Interface upgrade kit								
2934A	200/67/40 cps Dot matrix impact printer								
33439A	Adobe PostScript cartridge from HP								
33449A	LaserJet III 8 ppm printer								
33458A	Power envelope feeder for LaserJet IIID								
33459A	LaserJet IIID 8 ppm dual bin printer								
33474B	1 MB Mem. board for LJ IIP, III & IIID printers								
33475B	2 MB Mem. board for LJ IIP, III & IIID printers								
33491A	LaserJet IIISi printer								
33494A	PostScript upgrade								
35191A	8 Kg Developer for HP 5000 printers								
35192A	9 Kg Toner for HP 5000 printers								
35199E	Rackmount kit for HP 2340A DTC16								
3630A	PaintJet color graphics printer								
7970EN	Return credit for 7970E toward C1700A								
7974AN	Return credit for 7974A toward C1700A								
7978BN	Return credit for 7978A/B toward C1700A								
7979A	1/2-in. Streaming mag. tape subsys. with HP-IB								
7979AN	Return credit for 7979A toward C1700A								
7980A	1/2-in. Streaming mag. tape subsys. with HP-IB								
7980AN	Return credit for 7980A toward C1700A								
7980XC	1/2-in. Streaming mag. tape subsys. with HP-IB								
7980XCN	Return credit for 7980XC toward C1700A								
88140LC	67.1 MB Certified tape cartridge								
88140SC	16.7 MB Certified tape cartridge								
88702A	7978A to 7978B Upgrade kit								
88703A	Add 6250 cpi GCR format to 7979A								
88704A	Allows 7936/37 installation in 7979/80 cabinet								
88705A	7980A to 7980XC Upgrade kit								
92150D	600-ft. 1/2-inch Magnetic tape reels								

OS0: LTU SW/Next Day HW

OS2: Tel SW/Next Day HW

OS4: Inst/Ntwk. Conf. Cust. Inst. Prod.

OS6: Tel SW/24 x 7 HW

OS1: LTU SW/Same Day HW

OS3: Tel SW/Same Day HW

OS5: LTU SW/24 x 7 HW

OSZ: Ntwk. Conf. - HP Inst. Prod.

Table 4. Peripheral and Peripheral Accessories Support Options (cont'd)

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
92150E	1200-ft. 1/2-inch Magnetic tape reels								
92150F	2400-ft. 1/2-inch Magnetic tape reels								
92154B	Print head								
92155L	3-Ribbon pack								
92155M	3-Ribbon pack								
92162A	Ribbon 2563/64 longlife text only, 3-pack								
92162M	Ribbon--text and optical mark recognition								
92165A	Electrical surge suppressor-2								
92165B	Electrical surge suppressor-4								
92165C	Electrical surge suppressor-6								
92165R	RS-232 Data port surge protector								
92171G	Paper catcher								
92188A	Courier 10 for 2934 printer								
92188B	Courier 12								
92188E	Helv								
92188G	OCR A								
92188H	Italic 10								
92188J	Italic 12								
92188K	Orator								
92188M	Prestige Pica 10								
92188N	Prestige Elite 12								
92188R	Letter Gothic 12								
92188T	OCR B								
92188U	Arabic 8								
92188V	Greek 8								
92188W	Turkish 8								
92188X	Hebrew 7								
92188Y	Hebrew 8								
92205E	RS-232 ABC switch								
92205F	RS-232 Dual ABC switch								
92205Y	HP-IB ABC switch								
92211W	Sound enclosure for 293x printer								
92222A	0.5 meter SCSI cable								
92222B	1.0 meter SCSI cable								
92222C	2.0 meter SCSI cable								
92245L	133 MB Certified tape cartridge for 9145A								
92245S	33 MB Certified tape cartridge for 9145A								
92280A	Rewritable optical disk								
92283A	1.3 GB DDS Cassettes								
92283B	2.0 GB DDS Cassettes								
92290A	Write-once optical disk, 1024 byte/sector								
9282-0545	Towel ribbon for 2565/66/67								
97935A	404 MB Removable media module for 7935H								
A1828AZ	External HP-PB I/O card cage								
A1883A	1100mm U 19-inch computer rack	For System Support Options see Table 4.1							
A1884A	1600mm U 19-inch computer rack	For System Support Options see Table 4.1							
A1999A	CD-ROM standalone SCSI drive								
A2445A	3.5-inch Disk drive								
A2446A	5.25-inch Disk drive								
C1064A	HP 700/96 Terminal--amber phosphor								
C1064G	HP 700/96 Terminal--green phosphor								
C1064W	HP 700/96 Terminal--soft white phosphor								
C1065A	HP 700/98 Hi-perfm. Terminal--amber phosphor								
C1065G	HP 700/98 Hi-perfm. Terminal--green phosphor								

OS0: LTU SW/Next Day HW

OS2: Tel SW/Next Day HW

OS4: Inst/Ntwk. Config. Cust. Inst. Prod.

OS6: Tel SW/24 x 7 HW

OS1: LTU SW/Same Day HW

OS3: Tel SW/Same Day HW

OS5: LTU SW/24 x 7 HW

OSZ: Ntwk. Config. - HP Inst. Prod.

Table 4. Peripheral and Peripheral Accessories Support Options (cont'd)

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
C1065W	HP 700/98 Hi-perfm. Terminal--soft white phos.								
C1084W	HP 700/96ES Terminal--soft white phosphor								
C1085W	HP 700/98ES Hi-perfm. Terminal--soft wht phos.								
C1520B	HP Series 6400 Mdl 2000 DDS format tape drive								
C1521B	Model 2000DC standalone DAT storage system								
C1607A	Font cartridge								
C1608A	VRC ROM Cartridge								
C1609A	A Media tray								
C1610A	A4 Media tray								
C1611A	B-Size media kit								
C1612A	A3-Size media kit								
C1621A	24-in Take-up reel for HP7600 240D electr plot								
C1622A	36-in Take-up reel for HP7600 240E electr plot								
C1634A	A-Size media tray								
C1635A	A4-Size media tray								
C1636A	B-Size media kit								
C1637A	A3-Size media kit								
C1644A	Media stacker								
C1700A	Mdl 20GB/A - rewritable optical disk library sys.								
C1703A	Mdl 10GB/A - rewritable optical disk library sys.								
C2059H	HP LaserJet IIISi printer interface								
C2251A	Disk drive array module (1.3 GB)								
C2252B	Disk array (2.72 GB)								
C2252BZ	HP-FL disk array without parity (2.7 GB)								
C2252HA	High availability disk array (2.72 GB)								
C2252HZ	High availability HP-FL disk array (2.7 GB)								
C2254B	Disk array (5.44 GB)								
C2254BZ	HP-FL disk array without parity (5.4 GB)								
C2254HA	High availability disk array (5.44 GB)								
C2254HZ	High availability HP-FL disk array (5.4 GB)								
C2257A	Disk drive array module (2.0 GB)								
C2258B	Disk array (4.0 GB)								
C2258BZ	HP-FL disk array without parity (4.0 GB)								
C2258HA	High availability disk array (4.0 GB)								
C2258HZ	High availability HP-FL disk array (4.0 GB)								
C2259B	Disk array (8.0 GB)								
C2259BZ	HP-FL disk array without parity (8.0 GB)								
C2259HA	High availability disk array (8.0 GB)								
C2259HZ	High availability HP-FL disk array (8.0 GB)								
C2293U	CD-ROM drv for mini-tower/rackmount stor sys								
C2461AZ	SCSI disk (one 1.3 GB disk drive)								
C2461F	Model 670 F Mini-tower disk storage system								
C2461R	Model 670 R rackmount disk storage system								
C2462AZ	SCSI disk (two 1.3 GB disk drives)								
C2462F	Model 1350 F Mini-tower disk storage system								
C2462R	Model 1350 R rackmount disk storage system								
C2463AZ	SCSI disk (three 1.3 GB disk drives)								
C2464BZ	SCSI disk and one DDS tape drive								
C2464F	Model 2000D F Mini-tower DAT storage system								
C2464R	Model 2000D R rackmount DAT storage system								
C2465F	Model 2002D F Mini-tower DAT storage system								
C2465R	Model 2002D R rackmount DAT storage system								
C2466F	Model 8000D F Mini-tower DAT storage system								
C2466R	Model 8000D R rackmount DAT storage system								

OS0: LTU SW/Next Day HW

OS2: Tel SW/Next Day HW

OS4: Inst/Ntwk. Config. Cust. Inst. Prod.

OS6: Tel SW/24 x 7 HW

OS1: LTU SW/Same Day HW

OS3: Tel SW/Same Day HW

OS5: LTU SW/24 x 7 HW

OSZ: Ntwk. Config. - HP Inst. Prod.

Table 4. Peripheral and Peripheral Accessories Support Options (cont'd)

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
C2473F	5.25-inch Disk drive (677 MB)								
C2473R	5.25-inch Disk drive (677 MB)								
C2473S	5.25-inch Disk drive (677 MB)								
C2474F	5.25-inch Disk drive (1.355 GB)								
C2474R	5.25-inch Disk drive (1.355 GB)								
C2474S	5.25-inch Disk drive (1.355 GB)								
C2476F	CD-ROM hlf-ht (avail. for 246x only, 600 MB)								
C2476R	CD-ROM half-height (600 MB)								
C2476SZ	CD-ROM (For Series 9x7RX and 9x7SX only)								
C2477F	3.5-inch DAT tape (2.0 GB)								
C2477R	3.5-inch DAT tape (2.0 GB)								
C2477SZ	3.5-inch DAT tape (2.0 GB)								
C2477U	3.5-in DDS DAT drv for mini-twr/rckmnt stor sys								
C2478F	DDS-DC DAT drive (up to 8 GB)								
C2478R	DDS-DC DAT drive (up to 8 GB)								
C2478SZ	3.5-inch DAT tape								
C2478U	DDS-DC DAT drv for mini-twr/rckmnt stor sys								
C2753A	HP 5000 Model F100 page printer--60Hz								
C2753B	HP 5000 Model F100/Turbo page printer--60Hz								
C2754A	HP 5000 Model F100 page printer--50Hz								
C2754B	HP 5000 Model F100/Turbo page printer--50Hz								
C2755B	HP 5000 Model F135XP page printer--60Hz								
C2756B	HP 5000 Model F135XP page printer--50Hz								
C2758A	16 MB Graphics memory expansion								
C2760A	Center feed external paper input								
C2761A	Splicing station								
C2762A	Center cutter								
C2763A	Voltage selectable transformer								
C2768A	135 ppm Speed upgrade--60Hz								
C2769A	135 ppm Speed upgrade--50Hz								
C2770A	Decurler								
C2772A	HP 5000 Model F100XP page printer--60Hz								
C2773A	HP 5000 Model F100XP page printer--50Hz								
C2774A	17-inch Wide print upgrade								
C2775A	Floor feed external paper input								
C2776A	HP 5000 Model F135 page printer--60Hz								
C2777A	HP 5000 Model F135 page printer--50Hz								
C2779A	Turbo controller upgrade								
C2785A	Standalone cabinet (1.1 m)								
C2786A	Standalone cabinet (1.6 m)								
C2788A	Generic rail kit for non-standard 19-in periph.								
C2790A	14 Kg (30 lbs.) Anti-tip ballast								
C2791A	Package of six one-EIA-unit filler panels								
C2792A	ADP Rackmount kit (for rear of cabinet)								
C2797A	Rackmount kit for HP 3000 Series 9x7LX sys.								
C2798A	Rackmount kit for HP 3000 S/9x7RX, 9x7SX sys.								
C2799A	Rackmount kit for HP 2345A DTC48								
C3022R	Rackmount storage system (1.0 GB disk)								
C3022T	Mini-tower storage system (1 GB disk)								
C3023R	Rackmount storage system (2.0 GB disk)								
C3023RZ	SCSI disk (one 2.0 GB disk drive)								
C3023T	Mini-tower storage system (2 GB disk)								
C3024R	Rackmount storage system (two 2.0 GB disks)								
C3024RZ	SCSI disk (two 2.0 GB disk drives)								

OS0: LTU SW/Next Day HW

OS2: Tel SW/Next Day HW

OS4: Inst./Ntwk. Conf. Cust. Inst. Prod.

OS6: Tel SW/24 x 7 HW

OS1: LTU SW/Same Day HW

OS3: Tel SW/Same Day HW

OS5: LTU SW/24 x 7 HW

OSZ: Ntwk. Conf. - HP Inst. Prod.

Table 4. Peripheral and Peripheral Accessories Support Options (cont'd)

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
C3024T	Mini-tower storage system (two 2 GB disks)								
C3025RZ	SCSI disk (three 2.0 GB disk drives)								
C3027U	SCSI-2 Expansion disk (1.0 GB)								
C3028U	SCSI-2 Expansion disk (2.0 GB)								
J2070AZ	DTC 72 MX								
OS0: LTU SW/Next Day HW		OS2: Tel SW/Next Day HW		OS4: Inst./Ntwk. Config. Cust. Inst. Prod.			OS6: Tel SW/24 x 7 HW		
OS1: LTU SW/Same Day HW		OS3: Tel SW/Same Day HW		OS5: LTU SW/24 x 7 HW			OSZ: Ntwk. Config. - HP Inst. Prod.		

System Support Option prices for A1883A and A1884A rack products are based on the number of DTC options ordered. Select System Support Options as follows:

1. Determine the number of DTC options.
2. Determine the desired warranty response time (next-day, 4-hour, 24 x 7).
3. Select the appropriate option from the matrix. The XX in the matrix identify valid warranty

response/DTC option combinations. Select the System Support Option that appears in the row containing XX in both the "desired response time" and "number of options" cells. See the following example:

EXAMPLE:

You are ordering the A1883A rack with two 16-port DTCs (Opt. 316). You want next-day warranty response.

A. Number of DTC options = 2.

B. Warranty response = next-day.

C. Select your System Support Option. XX appears in both the "next-day" and "2 or 3 product options" columns in the row labeled "OSC". Order Opt. OSC to upgrade the warranty to next-day response.

Table 4.1. System Support Options for A1883A and A1884A

Product	Option	Price	These options equivalent to:			For the following number of product options:			
			OS0 or OS2	OS1 or OS3	OS5 or OS6	0 or 1	2 or 3	4 or 5	6 or more
			Next-Day	4-Hour	24 x 7				
A1883A	OSA		XX			XX			
	OSB			XX		XX			
	OSC		XX				XX		
	OSD			XX			XX		
	OSE		XX					XX	
	OSF			XX				XX	
	OSG				XX	XX			
	OSH				XX		XX		
	OSJ				XX			XX	
A1884A	OSA		XX			XX			
	OSB			XX		XX			
	OSC		XX				XX		
	OSD			XX			XX		
	OSE		XX					XX	
	OSF			XX				XX	
	OSG		XX						XX
	OSH			XX					XX
	OSJ				XX	XX			
	OSK				XX		XX		
	OSL				XX			XX	
	OSM				XX				XX

NOTES:

1. No software support is included in these System Support Options.
2. Other products purchased separately may be mounted into the rack. These products should not be counted as product options; System Support Options for these products must be ordered separately.

Networking

Datacomm and Terminal Controller Products (DTC)

Description	Product No./ Option No.	PRICE
Datacomm and Terminal Controller	2340A	
With up to 16 ports (DTC16). Must order one and only one LAN option (Opt. 640, 641, 642, 840, 841 or 842). The LAN option also provides the first six modem or eight direct connect ports. A maximum of one additional async option (Opt. 650 or 850) can be ordered. A maximum of one X.25 option (Opt. 310) can be ordered. Opt. 015 is required for 220V utilization.		
Set of 220V. (Required for Europe and some Asia/Pacific countries.)	Opt. 015	
RS-232 DTC16/X.25 Network Access Card in the DTC16	Opt. 310	
Configure DTC16 for ThickLAN and provides six RS-232-C 25-pin modem connections installed in the DTC16. (ThickMAU and 6m AUI cable provided.)	Opt. 640	
Configure DTC16 for AUI use and provides six RS-232-C 25-pin modem connections installed in the DTC16. (No MAU provided.)	Opt. 641	
Configure DTC16 for ThinLAN and provides six RS-232-C 25-pin modem connections installed in the DTC16. (BNC-T connector provided.)	Opt. 642	
Provides six additional RS-232-C 25-pin modem connections installed in the DTC16.	Opt. 650	
Configure DTC16 for ThickLAN and provides eight RS-232-C 25-pin direct connections installed in the DTC16. (ThickMAU and 6m AUI cable provided.)	Opt. 840	
Configure DTC16 for AUI use and provides eight RS-232-C 25-pin direct connections installed in the DTC16. (No MAU provided.)	Opt. 841	
Configure DTC16 for ThinLAN and provides eight RS-232-C 25-pin direct connections installed in the DTC16. (BNC-T connector provided.)	Opt. 842	
Provides eight additional RS-232-C 25-pin direct connections installed in the DTC16.	Opt. 850	
Add-on DTC16 Asynchronous Connector Card	2343A	
Provides eight additional RS-232-C 25-pin direct connections.		
Add-on DTC16 Asynchronous Connector Card	2343C	
Provides six additional RS-232-C 25-pin modem connections.		
Add-on RS-232 DTC16 X.25 Network Access Card	2343D	
Add-on DTC48 Asynchronous Connector Card	2346A	
Provides eight additional RS-232-C 3-pin direct connections.		
Add-on DTC48 Asynchronous Connector Card	2346B	
Provides eight additional RS-422 5-pin direct connections.		
Add-on DTC48 Asynchronous Connector Card	2346C	
Provides six additional RS-232-C 25-pin modem connections.		
Add-on RS-232 DTC48 X.25 Network Access Card	2346D	
Hardware Upgrade Kit (req'd for DTC48 with date code less than 2851)	Opt. 001	
Add-on V.35 DTC48 X.25 Network Access Card	2346E	
Hardware Upgrade Kit (req'd for DTC48 with date code less than 2851)	Opt. 001	
HP ARPA Telnet Access	2347A	
DTC48 Upgrade Kit Memory extension for the 2345A with date code less than 3110. Opt. 001 is required for any DTC48 with a date code less than 3110.	Opt. 001	
DTC Upgrade Kit Memory Extension	2348A	
For the 2345A with date code less than 3110.		

Select a System Support Option. Refer to Table 5 on page 143.

Datacomm and Terminal Controller Products (DTC) (cont'd)

Description	Product No./ Option No.	PRICE
DTC16iX LAN Multiplexer	J2062A	
Replace 8 direct with 8 modem ports	Opt. UG5	
DTC72MX Communication Server	J2070A	
Racking kit for 1100mm and 1600mm racks	Opt. 1AC	
24 RS-232 Direct connect ports	Opt. 001	
48 RS-232 Direct connect ports	Opt. 002	
72 RS-232 Direct connect ports	Opt. 003	
HP 3000 Telnet Access card	Opt. 004	
X.25/RS-232 Network Access card	Opt. 1CW	
X.25/V.35 Network Access card	Opt. 1CX	
24 RS-423 Direct connect ports	Opt. UG4	
Replace 8 direct with 8 modem ports	Opt. UG5	
24 RS-232 Direct Connect Card	J2076A	
Replace 8 direct with 8 modem ports	Opt. UG5	
24 RS-423 Direct Connect Card	J2077A	
HP 3000 Telnet Access Card	J2080A	
Modem Distribution Panel Racking Kit	J2084A	
Accessories for DTC16iX, 16TN and 72MX	J2085A	
8-Port RS-232 Modem distribution panel	Opt. 101	
8-Port RS-232 Direct distribution panel	Opt. 102	
24-Port RS-232 Direct distribution panel	Opt. 103	
8-Port Multiport cable with HP 3-pin connectors	Opt. 104	
Racked DTC16iX LAN Multiplexer	J2062AZ	
Replace 8 direct with 8 modem ports	Opt. UG5	
Racked DTC72MX Communication Server	J2070AZ	
24 RS-232 Direct connect ports	Opt. 001	
48 RS-232 Direct connect ports	Opt. 002	
72 RS-232 Direct connect ports	Opt. 003	
Replace 8 RJ-45 direct ports with 8 DB-25 modem ports	Opt. UG5	
Add X.25 board with RS-232 interface	Opt. 1CW	
Add X.25 board with V.35 interface	Opt. 1CX	
Add Telnet Access board	Opt. 004	
Add-On X.25 Network Access Card for DTC72MX	J2079A	
Add-on X.25 RS-232 Interface card for DTC72MX	Opt. 1CW	
Add-on X.25 V.35 Interface card for DTC72MX	Opt. 1CX	
HP OpenView Windows Workstation Upgrade Software	D1824C	
Upgrade to the OpenView Windows Workstation product (32054x)		
HP OpenView DTC Manager upgrade	Opt. 201	
HP OpenView System Manager upgrade	Opt. 202	
HP OpenView Switch/PAD Manager (1 - 4 nodes) upgrade	Opt. 204	
HP OpenView Switch/PAD Manager (5 - 10 nodes) upgrade	Opt. 205	
HP OpenView Switch/PAD Manager (10 nodes) upgrade	Opt. 206	
HP OpenView DTC Manager	D2355A	
DTC management software for the PC. If HP OpenView Windows Workstation is ordered with HP OpenView DTC Manager option (32054D, Opt. 201), this removes the need to order D2355A.		

Select a System Support Option. Refer to Table 5 on page 143.

Datacomm and Terminal Controller Products (DTC) (cont'd)

Description	Product No./ Option No.	PRICE	
HP OpenView Windows Workstation	32054D		
Application option (must order one Opt. 201 and one of the Opt. 204, 205 or 206 can be ordered concurrently.)			
HP OpenView DTC Manager software	Opt. 201		
HP OpenView System Manager software	Opt. 202		
HP OpenView Switch/PAD Manager (1 - 4 M45 nodes) software	Opt. 204		
HP OpenView Switch/PAD Manager (5 - 10 M45 nodes) software	Opt. 205		
HP OpenView Switch/PAD Manager (10 M45 nodes) software.	Opt. 206		
Network connection options. (Must order one; only one among Opt. 101, 102 or 103 may be ordered per workstation.)			
ThinLAN connection	Opt. 101		
ThickLAN connection	Opt. 102		
EtherTwist connection	Opt. 103		
Switch/PAD Manager connection (dual serial card, three serial cables)	Opt. 104		
Localization Options (must order one):			
U.S.	Opt. ABA		
Europe-English	Opt. ABB		
Germany	Opt. ABD		
Spain	Opt. ABE		
France	Opt. ABF		
Australia	Opt. ABG		
Netherlands	Opt. ABH		
Intercon	Opt. ABK		
Latin America	Opt. ABM		
Norway	Opt. ABN		
Switzerland (German)	Opt. ABP		
Switzerland (French)	Opt. ABQ		
Sweden	Opt. ABS		
U.K.	Opt. ABU		
Belgium	Opt. ABW		
Finland	Opt. ABX		
Denmark	Opt. ABY		
Italy	Opt. ABZ		
DTC SPECIFIC CABLES			
25-Pin Cable to 3-Pin Cable	40230A		
For back-to-back configuration between 3-pin interface on the DTC48/ATP and a 25-pin interface on a multiplexer/DTC.			
Modem Cable 25-Pin/25-Pin m/m	40233A		
For use between DTC and System multiplexer in back-to-back configuration where the DRS signal (pin 23) is used.			
Modem Cable 25-Pin/25-Pin m/m DRS Signal (pin 23)	40234A		
For use between DTC and devices.			

Select a System Support Option. Refer to Table 5 on page 143.

LAN Links

Description	Product No./ Option No.	PRICE
Token Ring 3000/iX Network Link	J2167A	
User License option must align with MPE/iX License.		
Hardware Option:		
Token Ring HP-PB adapter card	Opt. AL4	
Software Options:		
20-user License	Opt. OAF	
40-user License	Opt. UCY	
64-user License	Opt. UA9	
100-user License	Opt. UBD	
160-user License	Opt. UCN	
Unlimited user License	Opt. UAT	
Credit for 20-user license	Opt. UD8	
Credit for 40-user license	Opt. UCZ	
Credit for 64-user license	Opt. UB9	
Credit for 100-user license	Opt. UD9	
Credit for 160-user license	Opt. UDV	
Credit for Unlimited user license	Opt. UBP	
Upgrade credit for Option 310, Tier 1	Opt. OCD	
Upgrade credit for Option 315, Tier 2	Opt. OGJ	
Upgrade credit for Option 320, Tier 3	Opt. OCE	
Upgrade credit for Option 330, Tier 4	Opt. OCF	
Upgrade credit for Option 335, Tier 5	Opt. OGL	
Upgrade credit for Option 340, Tier 6	Opt. OGM	
Upgrade credit for Option 350, Tier 7	Opt. UEK	
Delete hardware/software manuals	Opt. OB0	
ThinLAN 3000/V Network Link	30240A	
For Series 37, MICRO 3000 or MICRO 3000XE	Opt. 100	
For EtherTwist	Opt. 142	
ThickLAN connection	Opt. 242	
For Series 39-42, 52	Opt. 300	
For Series 44, 48, 58	Opt. 400	
For Series 64-70	Opt. 500	
Return Credit for OfficeShare LAN	30240AN	
For Series 37, MICRO and MICRO XE	Opt. 100	
For Series 39-70	Opt. 200	
Return Credit for LAN	30242AN	
For Series 37 and MICRO's	Opt. 100	
For Series 39-70	Opt. 200	

Select a System Support Option. Refer to Table 5 on page 143.

LAN Links (cont'd)

Description	Product No./ Option No.	PRICE
ThinLAN 3000/iX Network Link	36923A	
User License option must align with MPE/iX License.		
Hardware Options:		
802.3 CIO LAN card	Opt. 001	
802.3 HP-PB LAN card	Opt. 002	
Software Options:		
20-user License	Opt. 0AF	
40-user License	Opt. UCY ✓	
64-user License	Opt. UA9	
100-user License	Opt. UBD	
160-user License	Opt. UCN	
Unlimited user License	Opt. UAT	
Credit for 20-user license	Opt. UD8	
Credit for 40-user license	Opt. UCZ	
Credit for 64-user license	Opt. UB9	
Credit for 100-user license	Opt. UD9	
Credit for 160-user license	Opt. UDV	
Credit for Unlimited user license	Opt. UBP	
Upgrade credit for Option 310, Tier 1	Opt. OCD	
Upgrade credit for Option 315, Tier 2	Opt. OGJ	
Upgrade credit for Option 320, Tier 3	Opt. OCE	
Upgrade credit for Option 330, Tier 4	Opt. OCF	
Upgrade credit for Option 335, Tier 5	Opt. OGL	
Upgrade credit for Option 340, Tier 6	Opt. OGM	
Upgrade credit for Option 350, Tier 7	Opt. UEK	
Credit for 99x DX	Opt. OHR	
Delete software manuals	Opt. OB0	
Return Credit for 802.3 CIO LAN Card	36923AN	

Select a System Support Option. Refer to Table 5 on page 143.

Wide Area Network Links

Description	Product No./ Option No.	PRICE
NS X.25 3000/V Network Link	24405A	
NS3000/V Documentation	Opt 001	
DS X.25 to NS X.25 Migration guide	Opt 002	
NetIPC Programmer kit	Opt 003	
For Series 37, MICROs - RS-232 synch modem	Opt 110	
For Series 37, MICROs - V.35 synch modem	Opt 120	
For Series 37, MICROs - direct connect	Opt 135	
DS Upgrade credit with purchase of H2355A	Opt 150	
DS Upgrade credit	Opt 151	
For Series 37, MICROs - software only	Opt 190	
For Series 39-58 - RS-232 synch modem connect	Opt 310	
For Series 39-58 - V.35 synch modem connect	Opt 320	
For Series 39-58 - direct connect	Opt 335	
DS Upgrade credit for Series 39-58 with H2355A	Opt 350	
DS Upgrade credit for Series 39-58	Opt 351	
For Series 39-58 - software only	Opt 390	
For Series 64-70 - RS-232 synch modem connect	Opt 410	
For Series 64-70 - V.35 synch modem connect	Opt 420	
For Series 64-70 - direct connect	Opt 435	
DS Upgrade credit with purchase of H2355A	Opt 450	
DS Upgrade credit	Opt 451	
For Series 64-70 - software only	Opt 490	
Return Credit for NS X.25 3000/V Network Link	24405AN	
For Series 37, MICROs	Opt 100	
For Series 39-70	Opt 200	
Upgrade Credit for NS X.25/iX Server	30041AN	
NS Point-to-Point 3000/V Link for Series 37, MICROs	30284A	
Compatible with NS3000/V (32344A/R).		
Connection to synchronous modem	Opt 110	
Connection to V.35 digital phone network	Opt 120	
Connection to synchronous modem with autocal	Opt 125	
DS Upgrade credit with purchase of H2355A	Opt 150	
DS Upgrade credit	Opt 151	
For Series 37 - software only	Opt 190	
Add-on INP with connect to synchronous modem	Opt 810	
Add-on INP with connect to V.35 network	Opt 820	
Add-on INP with connect to modem with autocal	Opt 825	
NS Point-to-Point 3000/V Link for Series 39-70	30285A	
Compatible with NS3000/V (32344A/R).		
For Series 37 - software only	Opt 190	
For Series 39-42, 52 - synchronous modem	Opt 310	
For Series 39-42, 52 - V.35	Opt 320	
For Series 39-42, 52 - autocal connect	Opt 325	
DS Upgrade credit with purchase of H2355A	Opt 350	
DS Upgrade credit	Opt 351	
For Series 39-58 - no hardware	Opt 390	
For Series 44, 48, 58-70 - synchronous modem	Opt 410	

Select a System Support Option. Refer to Table 5 on page 143.

Wide Area Network Links (cont'd)

Description	Product No./ Option No.	PRICE
NS Point-to-Point 3000/V Link for Series 39-70 (cont'd)	30285A	
For Series 44, 48, 58-70 - V.35	Opt 420	
For Series 44, 48, 58-70 - autocal connect	Opt 425	
DS Upgrade credit	Opt 450	
DS Upgrade credit	Opt 451	
For Series 70 - no hardware	Opt 490	
Series 37, MICROs - add-on INP with synchronous modem	Opt 610	
Series 39-42, 52 - add-on INP with synchronous modem	Opt 710	
Series 39-42, 52 - add-on INP with V.35	Opt 720	
Series 39-42, 52 - add-on INP with autocal	Opt 725	
Series 44, 48, 58-70 - add-on INP with synchronous modem	Opt 810	
Series 44, 48, 58-70 - add-on INP with V.35	Opt 820	
Series 44, 48, 58-70 - add-on INP with autocal	Opt 825	
Asynchronous HP Serial Network Link	32003A	
For Tier 1 SPU's, one RTU/sublicense	Opt 310	
For Tier 3 SPU's, one RTU/sublicense	Opt 020	
For Tier 4 SPU's, one RTU/sublicense	Opt 030	
NS Point-to-Point 3000/iX	36922A	
User License option must align with MPE/iX License. Select one PSI option AND one Cable option AND one Software option:		
PSI Options:		
Central Bus PSI	Opt 001	
Precision Bus PSI	Opt 002	
No PSI (software only)	Opt 090	
Cable Options:		
RS-232 connection	Opt 010	
V.35 connection	Opt 020	
RS-232 autodial connection	Opt 025	
No cable (software only)	Opt 099	
Software Options:		
20-user License	Opt. 0AF	
40-user License	Opt. UCY	
64-user License	Opt. UA9	
100-user License	Opt. UBD	
160-user License	Opt. UCN	
Unlimited user License	Opt. UAT	
Credit for 20-user license	Opt. UD8	
Credit for 40-user license	Opt. UCZ	
Credit for 64-user license	Opt. UB9	
Credit for 100-user license	Opt. UD9	
Credit for 160-user license	Opt. UDV	
Credit for Unlimited user license	Opt. UBP	
Upgrade credit for Option 310, Tier 1	Opt. OCD	
Upgrade credit for Option 315, Tier 2	Opt. OGJ	
Upgrade credit for Option 320, Tier 3	Opt. OCE	
Upgrade credit for Option 330, Tier 4	Opt. OCF	
Upgrade credit for Option 335, Tier 5	Opt. OGL	
Upgrade credit for Option 340, Tier 6	Opt. OGM	

Select a System Support Option. Refer to Table 5 on page 143.

Wide Area Network Links (cont'd)

Description	Product No./ Option No.	PRICE
NS Point-to-Point 3000/iX (cont'd)	36922A	
Upgrade credit for Option 350, Tier 7	Opt. UEK	
Hardware only	Opt. 399	
X.25/iX System Access	36939A	
User License option must align with MPE/iX License.		
20-user License	Opt. 0AF	
40-user License	Opt. UCY	
64-user License	Opt. UA9	
100-user License	Opt. UBD	
160-user License	Opt. UCN	
Unlimited user License	Opt. UAT	
Credit for 20-user license	Opt. UD8	
Credit for 40-user license	Opt. UCZ	
Credit for 64-user license	Opt. UB9	
Credit for 100-user license	Opt. UD9	
Credit for 160-user license	Opt. UDV	
Credit for Unlimited user license	Opt. UBP	
Upgrade credit for Option 310, Tier 1	Opt. OCD	
Upgrade credit for Option 315, Tier 2	Opt. OGJ	
Upgrade credit for Option 320, Tier 3	Opt. OCE	
Upgrade credit for Option 330, Tier 4	Opt. OCF	
Upgrade credit for Option 335, Tier 5	Opt. OGL	
Upgrade credit for Option 340, Tier 6	Opt. OGM	
Upgrade credit for Option 350, Tier 7	Opt. UEK	
Return Credit for X.25 Network Link	32187AN	
For Series 37, MICROs	Opt. 100	
For Series 39-70	Opt. 200	
Return Credit for Point-to-Point Hardwired Link	30270AN	
For Series 37, MICRO and MICRO XE	Opt. 100	
For Series 39-70	Opt. 200	
Return Credit for Point-to-Point Modem Link	30271AN	
For Series 37, MICRO and MICRO XE	Opt. 100	
For Series 39-70	Opt. 200	

Select a System Support Option. Refer to Table 5 on page 143.

Asynchronous PADs

Description	Product No./ Option No.	PRICE
X.25/PAD - Multiplexer	2335A	
220V/50Hz operation	Opt. 015	
4 Modem connect ports	Opt. 123	
19-inch Rack mount kit	Opt. 263	
4 Modem connect	Opt. G23	
Cable Between 2335 and ATC/DTC Printer Ports	40220A	
Cable Between 2335 and ATC/DTC Terminal Ports	40221A	
Upgrade Kit Between 2335A and New Version 2335A X.25/84	40235A	
Additional 4 Modem Connect Ports	40261A	
Upgrade 4 dir. connect ports to 4 modem connect ports 2334A Plus	Opt. 001	
Additional 4 Ports for 2335A	40262A	
19-inch Rack Mount Kit for 2335A	40263A	
19-inch Rack mount kit	Opt. 263	

X.25 Switches

HP MODEL 45 PLUS/18-PORTS VERSION

Model 45 Plus 6 Ports	J2000B	
Additional 6-port ALP Card, maximum two	J2004B	
Monitor Package, optional	J2007B	
RS-232 MAP Cable, six RS-232 Ports	J2030A	
V.35 MAP Cable, two V.35/4 RS-232 Ports	J2031A	
X.21 MAP Cable, two X.21/4 RS-232 Ports	J2032A	
RS-499 MAP Cable, two RS-449/4 RS-232 Ports	J2033A	

HP MODEL 45 PLUS/30-PORTS VERSION

Model 45 Plus 6 Ports	J2001B	
Additional 6-port ALP Card, maximum four	J2004B	
Monitor Package, optional	J2007B	
RS-232 MAP Cable, six RS-232 Ports	J2030A	
V.35 MAP Cable, two V.35/4 RS-232 Ports	J2031A	
X.21 MAP Cable, two X.21/4 RS-232 Ports	J2032A	
RS-499 MAP Cable, two RS-449/4 RS-232 Ports	J2033A	
Model 45 to Model 45 Plus Conversion Kit	J2005B	
Conversion kit from HP Model 45 to Model 45 Plus includes one ALP 6-port card, software and manuals.		
OpenView Switch/PAD Manager	J2017A	
For M45 and 2334A/2335A		
Switch/PAD Manager software, cables and User License for 1-4 M45 nodes	Opt. 204	
Switch/PAD Manager software, cables and User License for 1-10 M45 nodes	Opt. 205	
Switch/PAD Manager software, cables and User License for unlimited number of M45 nodes	Opt. 206	
User license upgrade from Opt. 204 to Opt. 205	Opt. 245	
User license upgrade from Opt. 205 to Opt. 206	Opt. 256	
4-Port Switch - DESKTOP PACKAGE	J2020A	
(Max: 8 sync. ports plus 4 async. ports.) Includes Multiprotocol LP Card, Node boot-up software and installation & service manual.		

Select a System Support Option. Refer to Table 5 on page 143.

X.25 Switches (cont'd)

Description	Product No./ Option No.	PRICE	
4-Port Switch - TOWER PACKAGE (Max: 20 ports.) Includes Multiprotocol LP Card, Node boot-up software and installation & service manual.	J2021A		
Additional 4-Port Multiprotocol Card For Model 75 switching nodes (J2020A & J2021A).	J2024A		
Network Management Processor For Model 75 network. Includes Vectra 286/12 M46, 2 Mb expanded memory, dual serial link, 2 PIA cards, M75 and NMP software, Xerox O/S and Security Lock.	J2027A		
VGA Monitor 100/120V	Opt. 0E2		
VGA Monitor 200/240V	Opt. 0E3		
Delete monitor (large display monitor ordered separately)	Opt. 1A0		

Modems

Codex 3500 DSU/CSU For HP Remote bridge and 2335A multiplexer.	CODX-3500		
Codex 3380 19.2K bps Modem For 2335A multiplexer.	CODX-3380A		
Codex 3380 19.2K bps Modem For 2335A multiplexer (dial restore option included).	CODX-3380B		
Codex 2680 Data Modem	32068B		
Dual dial restore unit	Opt. 030		
Hayes Smartmodem(tm) 1200, 60Hz, 120 Vac	92205A		
Hayes Smartmodem(tm) 2400, 60Hz, 120 Vac	92205B		

HP 3000 Terminal/Plotter Cables, Point-to-Point Connections

Hardwired/Modem Extender Cable (7.6m/25 ft.)	30062C		
Replace with 15.2m (50 ft.)	Opt. 001		
Replace with 30.5m (100 ft.)	Opt. 002		
Hardwired Extender Cable (7.6m/25 ft.)	30062D		
Adapter Cable, 3-pin to 25-pin (5m/16 ft.)	30152A		
HP-Direct Connect RS-232 Ext. Cable (15m/50 ft.)	30153A		
HP-Direct Connect RS-422 Ext. Cable (30m/99 ft.)	30154A		
RS-232-C Printer Cable	40242G		
HP-Direct Connect RS-422 Cable	40242P		
HP-Direct Connect RS-232 Cable	40242X		
RS-232-C Cable for 2392A (5m/16 ft.)	40242Y		
ASI to RS-422 Cable (1.5m) (male/male)	45111A		
Modem Cable (1.5m) (male/unterminated)	45112A		
Direct Connect Extension Cable (10.5m) (male/female)	45113A		
RS-232-C Serial Interface for Series 800	82919A		

Select a System Support Option. Refer to Table 5 on page 143.

HP 3000 Terminal/Plotter Cables, Point-to-Point Connections (cont'd)

Description	Product No./ Option No.	PRICE
U.S. Modem Cable (15m/50 ft.) For port two of 262X and 238X terminals, U.S. and Intercon only.	92218A	
European Modem Cable (15m/50 ft.) For port two of 262X and 238X terminals.	92218B	
Repeater FEP AUI (20m)	92223C	
RS-232-C Connector Kit (male/4 ea.)	92224A	
RS-422 Connector Kit (male/4 ea.)	92225A	
RS-422 Connector Kit (female/4 ea.)	92225B	

ThinLAN Cables and Accessories

ThinLAN Coax Cable (with BNC connectors installed):		
1 meter coax cable	92227A	
2 meter coax cable	92227B	
4 meter coax cable	92227C	
8 meter coax cable	92227D	
16 meter coax cable	92227E	
32 meter coax cable	92227F	
64 meter coax cable	92227G	
128 meter coax cable	92227H	
ThinLAN Accessories		
BNC Connector pair for 92227J/K	92227L	
BNC Connector tool kit for 92227J/K	92227M	
BNC "T" Connector	92227N	
ThinLAN Terminator pair	92227P	
Backbone LAN MAU and Tap	30241A	
LAN MAU and Installation kit (order once)	92256C	
LAN Surge protector and wall mounting plate	92256E	
Backbone LAN AUI Cables (with connectors attached):		
6 meter FEP AUI cable	92254A	
12 meter FEP AUI cable	92254B	
24 meter FEP AUI cable	92254C	
48 meter FEP AUI cable	92254D	
6 meter PVC (11) AUI cable	92254E	
12 meter PVC AUI cable	92254F	
24 meter PVC AUI cable	92254G	
48 meter PVC AUI cable	92254H	
Backbone LAN Coax Cables (including connectors and terminators):		
23.4 meter FEP without terminators attached	92253A	
23.4 meter FEP with terminators attached	92253B	
117 meter FEP without terminators attached	92253C	
500 meter FEP without terminators attached	92253D	
23.4 meter PVC without terminators attached	92253E	
23.4 meter PVC with terminators attached	92253F	
117 meter PVC without terminators attached	92253G	
50 meter PVC without terminators attached	92253H	

Select a System Support Option. Refer to Table 5 on page 143.

ThinLAN Cables and Accessories (cont'd)

Description	Product No./ Option No.	PRICE
Backbone LAN Coax Cable Tools for Attaching Connectors (order once):		
LAN Coax installation tool kit	92256A	
LAN Coax crimp tool	92229B	
N-Connectors, male, package of four	92253J	
Barrel N-Connectors, female, and insulators, package of two	92253K	
One grounding terminator and one floating point terminator with insulator	92253L	

EtherTwist Transceiver Family

EtherTwist Transceiver	28685B	
Fiber Optic Transceiver	28683A	
ThinLAN Transceiver	28641B	
ThickLAN Transceiver	30241A	

HP 3000 HP-IB, HP-FL and INP Cables

HP-IB Cable (1m/3.3 ft.)	10833A	
HP-IB Cable (2m/6.6 ft.)	10833B	
HP-IB Cable (4m/13.2 ft.)	10833C	
HP-IB Cable (0.5m/1.6 ft.)	10833D	
Adapter Extends HP-IB connector 2.3cm.	10834A	
Long P-Bus Cable To connect HP-FL drive in adjacent 19511A cabinets.	13367A	
Long P-Bus Cable To connect array drive to adjacent cabinet.	19572A	
Long P-Bus Cable To connect array drive to other HP-FL disks.	19573A	
Short P-Bus Cable .8 m cable used to connect the C225X HP-FL disk arrays to a C2204, C2201 or 7937FL.	19573P	
HP-IB Interface for 7570A, 7575A and 7576A	17570A	

EtherTwist Hub Family

HP Fiber-Optic Hub Plus	28682A	
HP EtherTwist Hub/12	28684B	
HP EtherTwist Hub Plus	28688B	
HP EtherTwist Hub 8	28691A	
HP ThinLAN Hub Plus	28692A	
HP EtherTwist Hub Plus 48	28699A	
HP EtherTwist Hub/12 Upgrade Kit	J2351A	

Localization options required on all Hubs.

Select a System Support Option. Refer to Table 5 on page 143.

HP Bridge Family

Description	Product No./ Option No.	PRICE
HP 10:10 LAN Bridge MB (managed)	28673A	
HP 10:10 LAN Bridge Upgrade Credit	Opt. 0CZ	
HP Remote Bridge RB	28674B	
V.35 Synchronous Cable	Opt. 001	
RS-232 Synchronous Cable	Opt. 002	
X.21 Synchronous Cable	Opt. 003	
RS-442/449 Synchronous Cable	Opt. 004	
HP 10:10 LAN Bridge LB (un-managed)	28681A	

Localization options required on all Bridges.

HP Router Family

HP Router ER	27285A	
V.35 Synchronous Cable	Opt. 001	
RS-232 Synchronous Cable	Opt. 002	
X.21 Synchronous Cable	Opt. 003	
RS-442/449 Synchronous Cable	Opt. 004	
HP Router TR	27286A	
V.35 Synchronous Cable	Opt. 001	
RS-232 Synchronous Cable	Opt. 002	
X.21 Synchronous Cable	Opt. 003	
RS-442/449 Synchronous Cable	Opt. 004	
HP Router SR	27288A	
V.35 Synchronous Cable	Opt. 001	
RS-232 Synchronous Cable	Opt. 002	
X.21 Synchronous Cable	Opt. 003	
RS-442/449 Synchronous Cable	Opt. 004	
HP Router FR	27289A	
V.35 Synchronous Cable	Opt. 001	
RS-232 Synchronous Cable	Opt. 002	
X.21 Synchronous Cable	Opt. 003	
RS-442/449 Synchronous Cable	Opt. 004	
HP Router CR	27270B	
Table Top Enclosure	Opt. 012	
25 ft RS-232 to 9-Pin M-M Modem Cable	Opt. 031	
HP Router Software	Opt. 080	
Base Router Software Package Plus X.25/Frame Relay	Opt. 081	
Expanded Router Software Package	Opt. 082	
Expanded Router Software Package Plus	Opt. 083	
<i>Interface cards for the Router CR</i>		
Dual-Port Ethernet/802.3 Synchronous Interface	27272B	
V.35 Synchronous Cable	Opt. 032	
RS-232 Synchronous Cable	Opt. 033	
RS-442 Synchronous Cable	Opt. 034	
X.21 Synchronous Cable	Opt. 035	

Select a System Support Option. Refer to Table 5 on page 143.

HP Router Family (cont'd)

Description	Product No./ Option No.	PRICE	
Four-Port Synchronous Interface	27276B		
V.35 Synchronous Cable	Opt. 032		
RS-232 Synchronous Cable	Opt. 033		
RS-442 Synchronous Cable	Opt. 034		
X.21 Synchronous Cable	Opt. 035		
Quad-Port Ethernet/802.3 Synchronous Interface	J2352A		
Dual-Port Token Ring Interface	J2353A		
Single-Port FDDI Interface	J2354A		

Network Management

HP OpenView Hub Manager	28686D		
HP OpenView Interconnect Manager/DOS	27256D		
HP OpenView Network Resource Manager	27257A		

Select a System Support Option. Refer to Table 5 on page 143.

Services

Description	Product No./ Option No.	8/20	32/40	64	100	128/160	256/384/UL
		MPE Lic. (0AF)*	MPE Lic. (UCY)*	MPE Lic. (UA9)*	MPE Lic. (UBD)*	MPE Lic. (UCN)*	MPE Lic. (UAT)*
NS3000/iX Network Services	36920A						
User License option must align with MPE/iX License.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						
Rt/Credit for MPE V 310	Opt. OG1						
Rt/Credit for MPE V 320	Opt. OG2						
Rt/Credit for MPE V 330	Opt. OG3						

HP ARPA File Transfer Protocol	36957A						
User License option must align with MPE/iX License.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						

System Number: **J2258A**
 Solution Adjustment: 20%
 Description: HP 3000 ARPA Services
 Revision Date: June 1, 1993

Required or Optional Choices	Product Group	Number of Choices Selected	Description	Product No./ Option No.
Required: 1	Networking	☐	HP 3000 ARPA File Transfer Protocol	36957A
Maximum: 1	Services			
Required: 1	Networking	☐	HP 3000 ARPA Telnet Access Board for DTC72MX	J2070A
Maximum: 5	Services			Opt. 004 OR J2080A

* Refer to "New Software Tiers" on page 148 of the Software section.

Select a System Support Option. Refer to Table 5 on page 143.

Services (cont'd)

Description	Product No./ Option No.	8/20	32/40	64	100	128/160	256/384/UL
		MPE Lic. (0AF)*	MPE Lic. (UCY)*	MPE Lic. (UA9)*	MPE Lic. (UBD)*	MPE Lic. (UCN)*	MPE Lic. (UAT)*
HP FTAM 3000/iX	36972A						
User License option must align with MPE/iX License.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						
HP OTS 3000/iX	36971A						
User License option must align with MPE/iX License.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						
HP X.400/HP Desk for MPE/iX	32055A						
User License option must align with MPE/iX License.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						

* Refer to "New Software Tiers" on page 148 of the Software section.

Select a System Support Option. Refer to Table 5 on page 143.

Services (cont'd)

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
NS3000/V Network Services	32344A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
DS Upgrade Credit with	Opt. 311							
Purchase of H2355A								
DS Upgrade Credit	Opt. 312							
DS Upgrade Credit with	Opt. 321							
Purchase of H2355A								
DS Upgrade Credit	Opt. 322							
DS Upgrade Credit with	Opt. 331							
Purchase of H2355A								
DS Upgrade Credit	Opt. 332							
HP X.400/HP Desk for MPE V	32056A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
DS Network Services	32185A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							

IBM Communications

Description	Product No./ Option No.	8/20	32/40	64	100	128/160	256/384/UL
		MPE Lic. (0AF)*	MPE Lic. (UCY)*	MPE Lic. (UA9)*	MPE Lic. (UBD)*	MPE Lic. (UCN)*	MPE Lic. (UAT)*
HP-IBM SNA NRJE/iX	30292A						
User License option must align with MPE/iX License.							
Select a System Support Option.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						
Rt/Credit for MPE V 310	Opt. OG1						
Rt/Credit for MPE V 320	Opt. OG2						
Rt/Credit for MPE V 330	Opt. OG3						
Rt/Credit for MRJE/V 310	Opt. OG6						
Rt/Credit for MRJE/V 320	Opt. OG7						
Rt/Credit for MRJE/V 330	Opt. OG8						

* Refer to "New Software Tiers" on page 148 of the Software section.

Select a System Support Option. Refer to Table 5 on page 143.

IBM Communications (cont'd)

Description	Product No./ Option No.	8/20	32/40	64	100	128/160	256/384/UL
		MPE Lic. (0AF)*	MPE Lic. (UCY)*	MPE Lic. (UA9)*	MPE Lic. (UBD)*	MPE Lic. (UCN)*	MPE Lic. (UAT)*
HP-IBM SNA IMF/iX	30293A						
User License option must align with MPE/iX License.							
Select a System Support Option.							
For use in Japan (Kanji)	Opt. ABJ						
For use in Taiwan (trad. Chinese)	Opt. AB0						
For use in Korea (Hangul)	Opt. AB1						
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						
Rt/Credit for MPE V 310	Opt. OG1						
Rt/Credit for MPE V 320	Opt. OG2						
Rt/Credit for MPE V 330	Opt. OG3						
HP-IBM LU 6.2/PU 2.1	30294A						
User License option must align with MPE/iX License.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						
Rt/Credit for MPE V 310	Opt. OG1						
Rt/Credit for MPE V 320	Opt. OG2						
Rt/Credit for MPE V 330	Opt. OG3						
BSC RJE/iX	30295A						
User License option must align with MPE/iX License.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						
Rt/Credit for MPE V 310	Opt. OG1						
Rt/Credit for MPE V 320	Opt. OG2						
Rt/Credit for MPE V 330	Opt. OG3						

* Refer to "New Software Tiers" on page 148 of the Software section.

Select a System Support Option. Refer to Table 5 on page 143.

IBM Communications (cont'd)

Description	Product No./ Option No.	8/20	32/40	64	100	128/160	256/384/UL
		MPE Lic. (0AF)*	MPE Lic. (UCY)*	MPE Lic. (UA9)*	MPE Lic. (UBD)*	MPE Lic. (UCN)*	MPE Lic. (UAT)*
NS Over SNA/iX	30296A						
User License option must align with MPE/iX License.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						
SNA Distribution Services/iX	32006A						
User License option must align with MPE/iX License.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						
SNA/X.25 Link/iX	30298A						
User License option must align with MPE/iX License.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						

* Refer to "New Software Tiers" on page 148 of the Software section.

Select a System Support Option. Refer to Table 5 on page 143.

IBM Communications (cont'd)

Description	Product No./ Option No.	8/20	32/40	64	100	128/160	256/384/UL
		MPE Lic. (0AF)*	MPE Lic. (UCY)*	MPE Lic. (UA9)*	MPE Lic. (UBD)*	MPE Lic. (UCN)*	MPE Lic. (UAT)*
HP SNA Distributed Host Command Facility	36935A						
User License option must align with MPE/iX License.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
SNA NRJE Network Remote Job Entry	30245A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
SNA IMF Interactive Mainframe Facility	30247A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
RJE Remote Job Entry	30248A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
MRJE Multileaving Remote Job Entry	30249A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
IMF Interactive Mainframe Facility	30250A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
HP LU 6.2 Base	30252A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							

* Refer to "New Software Tiers" on page 148 of the Software section.

Select a System Support Option. Refer to Table 5 on page 143.

IBM Communications (cont'd)

		Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP-IBM HP LU 6.2		30253A						
Application Program Interface								
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
HP SNA Server		30254A						
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
SNA Server Access		30255A						
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							

Select a System Support Option. Refer to Table 5 on page 143.



IBM Communications (cont'd)

Description	Product No./ Option No.	PRICE
SNA Link	30246A	
For Series 37, MICR0s - synchronous modem	Opt. 110	
For Series 37, MICR0s - V.35	Opt. 120	
For Series 37, MICR0s - autocal connect	Opt. 125	
For Series 37, MICR0s - no hardware	Opt. 190	
For Series 39-58 - synchronous modem	Opt. 310	
For Series 39-58 - V.35	Opt. 320	
For Series 39-58 - autocal connect	Opt. 325	
For Series 39-58 - no hardware	Opt. 390	
For Series 64-70 - synchronous modem	Opt. 410	
For Series 64-70 - V.35	Opt. 420	
For Series 64-70 - autocal connect	Opt. 425	
For Series 64-70 - no hardware	Opt. 490	
Return Credit for SNA Link	30246AN	
For Series 37, MICRO and MICRO XE	Opt. 100	
For Series 39-70	Opt. 200	
BSC Link	30251A	
For Series 37, MICR0s - synchronous modem	Opt. 110	
For Series 37, MICR0s - V.35	Opt. 120	
For Series 37, MICR0s - autocal connect	Opt. 125	
For Series 37, MICR0s - no hardware	Opt. 190	
For Series 39-58 - synchronous modem	Opt. 310	
For Series 39-58 - X.21	Opt. 315	
For Series 39-58 - V.35	Opt. 320	
For Series 39-58 - autocal connect	Opt. 325	
For Series 39-58 - no hardware	Opt. 390	
For Series 64-70 - synchronous modem	Opt. 410	
For Series 64-70 - X.21	Opt. 415	
For Series 64-70 - V.35	Opt. 420	
For Series 64-70 - autocal connect	Opt. 425	
For Series 64-70 - no hardware	Opt. 490	
Return Credit for BSC Link	30251AN	
For Series 37, MICRO and MICRO XE	Opt. 100	
For Series 39-70	Opt. 200	
HP-IBM SNA Link/iX	30291A	
User License option must align with MPE/iX License. Select a System Support Option. Select one PSI option AND one Cable option AND one Software option:		
PSI Options:		
Central Bus PSI	Opt. 001	
Precision Bus PSI	Opt. 002	
No PSI (software only)	Opt. 090	
Cable Options:		
RS-232 connection	Opt. 010	
V.35 connection	Opt. 020	

Select a System Support Option. Refer to Table 5 on page 143.

IBM Communications (cont'd)

Description	Product No./ Option No.	PRICE	
HP-IBM SNA Link/iX (cont'd)	30291A		
RS-232 autodial connection	Opt 025		
No cable (software only)	Opt 099		
Software Options:			
20-user License	Opt. 0AF		
40-user License	Opt. UCY		
64-user License	Opt. UA9		
100-user License	Opt. UBD		
160-user License	Opt. UCN		
Unlimited user License	Opt. UAT		
Credit for 20-user license	Opt. UD8		
Credit for 40-user license	Opt. UCZ		
Credit for 64-user license	Opt. UB9		
Credit for 100-user license	Opt. UD9		
Credit for 160-user license	Opt. UDV		
Credit for Unlimited user license	Opt. UBP		
Upgrade Credit for Option 310, Tier 1	Opt. OCD		
Upgrade Credit for Option 315, Tier 2	Opt. 0GJ		
Upgrade Credit for Option 320, Tier 3	Opt. 0CE		
Upgrade Credit for Option 330, Tier 4	Opt. 0CF		
Upgrade Credit for Option 335, Tier 5	Opt. 0GL		
Upgrade Credit for Option 340, Tier 6	Opt. 0GM		
Upgrade Credit for Option 350, Tier 7	Opt. UEK		
Hardware only	Opt. 399		
BSC Link/iX	32007A		
User License option must align with MPE/iX License. Select one PSI option AND one Cable option AND one Software option:			
PSI Options:			
Central Bus PSI	Opt. 001		
Precision Bus PSI	Opt. 002		
No PSI (software only)	Opt. 090		
Cable Options:			
RS-232 connection	Opt. 010		
V.35 connection	Opt. 020		
RS-232 autodial connection	Opt. 025		
No cable (software only)	Opt. 099		
Software Options:			
20-user License	Opt. 0AF		
40-user License	Opt. UCY		
64-user License	Opt. UA9		
100-user License	Opt. UBD		
160-user License	Opt. UCN		
Unlimited user License	Opt. UAT		
Credit for 20-user license	Opt. UD8		
Credit for 40-user license	Opt. UCZ		
Credit for 64-user license	Opt. UB9		
Credit for 100-user license	Opt. UD9		

Select a System Support Option. Refer to Table 5 on page 143.

IBM Communications (cont'd)

Description	Product No./ Option No.	PRICE	
BSC Link/iX (cont'd)	32007A		
Credit for 160-user license	Opt. UDV		
Credit for Unlimited user license	Opt. UBP		
Upgrade Credit for Option 310, Tier 1	Opt. OCD		
Upgrade Credit for Option 315, Tier 2	Opt. OGJ		
Upgrade Credit for Option 320, Tier 3	Opt. OCE		
Upgrade Credit for Option 330, Tier 4	Opt. OCF		
Upgrade Credit for Option 335, Tier 5	Opt. OGL		
Upgrade Credit for Option 340, Tier 6	Opt. OGM		
Upgrade Credit for Option 350, Tier 7	Opt. UEK		
Hardware only	Opt. 399		

Select a System Support Option. Refer to Table 5 on page 143.

End-User Access and Integration

		Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)	(350)
Lan Manager/iX	32015A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Resource Sharing/iX	B1718A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Return Credit	Opt. OG1							
Return Credit	Opt. OG2							
Return Credit	Opt. OG3							
1-4 User License	Opt. UA2							

Select a System Support Option. Refer to Table 5 on page 143.

End-User Access and Integration (cont'd)

Description	Product No./ Option No.	PRICE	
NetWare iX	32020A		
User License option DOES NOT need to align with MPE/iX License.			
8-User license	Opt. UA3		
20-User license	Opt. 0AF		
32-User license	Opt. UA7		
64-User license	Opt. UA9		
100-User license	Opt. UBD		
250-User license	Opt. UD6		
Credit for 8-user license	Opt. UB3		
Credit for 20-user license	Opt. UD8		
Credit for 32-user license	Opt. UB7		
Credit for 64-user license	Opt. UB9		
Credit for 100-user license	Opt. UD9		
Deletes manual set	Opt. 0B0		
NetWare iX Trial Copy (Must select one media option)	J2253A		
1/2-inch Magnetic tape (1600 BPI)	Opt. AA1		
1/2-inch Magnetic tape (6250 BPI)	Opt. AA2		
DDS Cartridge tape	Opt. AAH		
HP PC ARPA and Network Services (for MSDOS, LAN Manager, NetWare) Select a System Support Option. Refer to Table 7 on page 187.	J2246A		
One user license, manuals and software	Opt. 001		
RTC for 8 additional users	Opt. 002		
RTC for 32 additional users	Opt. 003		
RTC for 128 additional users	Opt. 004		
RTC for 512 additional users	Opt. 005		
Upgrade from NS 2.1 (D1811B, D1819A), ARPA 2.1 (D1812B, D1823A) or NS LAN GW 1 user license, software and manuals	Opt. 006		
Upgrade RTC for additional 1 user	Opt. 007		
Upgrade RTC for additional 8 users	Opt. 008		
Upgrade RTC for additional 32 users	Opt. 009		
Upgrade RTC for additional 128 users	Opt. 010		
Upgrade RTC for additional 512 users	Opt. 011		
Additional user manual	Opt. 012		
HP Software Vendor	D2506A		
HP Software vendor upgrade	Opt. 0CC		

Select a System Support Option. Unless otherwise specified, refer to Table 5 on page 143.

Table 5. Networking Support Options

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
10833A	HP-IB cable (1m/3.3 ft.)								
10833B	HP-IB cable (2m/6.6 ft.)								
10833C	HP-IB cable (4m/13.2 ft.)								
10833D	HP-IB cable (0.5m/1.6 ft.)								
10834A	Adapter								
13367A	Long P-bus cable								
17570A	HP-IB Interface for 7570A, 7575A, 7576A								
19572A	Long P-bus cable								
19573A	Long P-bus cable								
19573P	Short P-bus cable								
2335A	X.25/PAD - Multiplexer								
2340A	Datcomm and terminal controller								
2343A	Add-on DTC16 asynchronous connector card								
2343C	Add-on DTC16 asynchronous connector card								
2343D	Add-on RS-232 DTC16 X.25 ntwrk access card								
2346A	Add-on DTC48 asynchronous connector card								
2346B	Add-on DTC48 asynchronous connector card								
2346C	Add-on DTC48 asynchronous connector card								
2346D	Add-on RS-232 DTC48 X.25 ntwrk access card								
2346E	Add-on V.35 DTC48 X.25 ntwrk access card								
2347A	HP ARPA Telnet access								
2348A	DTC Upgrade kit memory extension								
24405A	NS X.25 3000/V network link								
24405AN	Return credit for NS X.25 3000/V network link								
27256D	HP OpenView Interconnect Manager/DOS								
27257A	HP OpenView Network Resource Manager								
27270B	HP Router CR								
27272B	Dual-port Ethernet/802.3 synchronous interface								
27276B	Four-port synchronous interface								
27285A	HP Router ER								
27286A	HP Router TR								
27288A	HP Router SR								
27289A	HP Router FR								
28673A	HP 10:10 LAN bridge MB (managed)								
28674B	HP Remote bridge RB								
28681A	HP 10:10 LAN bridge LB (un-managed)								
28682A	Fiber optic Hub Plus								
28684B	HP EtherTwist Hub/12								
28686D	HP OpenView Hub Manager								
28688B	HP EtherTwist Hub Plus								
28691A	HP EtherTwist Hub 8								
28692A	HP ThinLAN Hub Plus								
28699A	HP EtherTwist Hub Plus 48								
30041AN	Upgrade credit for NS X.25/iX server								
30062C	Hardwired/modem extender cable (7.6m/25 ft.)								
30062D	Hardwired extender cable (7.6m/25 ft.)								
30152A	Adapter cable, 3-pin to 25-pin (5m/16 ft.)								
30153A	HP-Dir. connect RS-232 ext. cable (15m/50 ft.)								
30154A	HP-Dir. connect RS-422 ext. cable (30m/99 ft.)								
30234A									
30240A	ThinLAN 3000/V network link								
30240AN	Return credit for OfficeShare LAN								
30241A	ThinLAN backbone LAN MAU and Tap								
30242AN	Return credit for LAN								

OS0: LTU SW/Next Day HW

OS2: Tel SW/Next Day HW

OS4: Inst/Ntwk. Config. Cust. Inst. Prod.

OS6: Tel SW/24 x 7 HW

OS1: LTU SW/Same Day HW

OS3: Tel SW/Same Day HW

OS5: LTU SW/24 x 7 HW

OSZ: Ntwk. Config. - HP Inst. Prod.

Table 5. Networking Support Options (cont'd)

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
30245A	SNA NRJE Network Remote Job Entry								
30246A	SNA Link								
30246AN	Return credit for SNA Link								
30247A	SNA IMF Interactive Mainframe facility								
30248A	RJE Remote Job Entry								
30249A	MRJE Multileaving Remote Job Entry								
30250A	IMF Interactive Mainframe facility								
30251A	BSC Link								
30251AN	Return credit for BSC Link								
30252A	HP LU 6.2 Base								
30253A	HP LU 6.2 Application program interface								
30254A	HP SNA Server								
30255A	HP SNA Server Access								
30270AN	Return credit for point-to-point hardwired link								
30271AN	Return credit for point-to-point modem link								
30284A	NS Point-to-point 3000/V link for S/37, MICROs								
30285A	NS Point-to-point 3000/V link for Series 39-70								
30291A	HP-IBM SNA Link/iX	For System Support Options, see Table 5.1							
30292A	HP-IBM SNA NRJE/iX								
30293A	HP-IBM SNA IMF/iX								
30294A	HP-IBM LU 6.2/PU 2.1								
30295A	BSC RJE/iX								
30296A	NS Over SNA/iX								
30298A	SNA/X.25 Link/iX								
32003A	Asynchronous HP serial network link								
32006A	SNA Distribution services/iX								
32007A	BSC Link/iX								
32015A	LAN Manager/iX								
32020A	NetWare iX								
32054D	HP OpenView Windows workstation								
32055A	HP X.400/HP Desk for MPE.iX								
32056A	HP X.400/HP Desk for MPE V								
32068B	Codex 2680 data modem								
32185A	DS Network services								
32187AN	Return credit for X.25 network link								
32344A	NS3000/V Network services								
36920A	NS3000/iX Network services								
36922A	NS Point-to-point 3000/iX								
36923A	ThinLAN 3000/iX network link								
36923AN	Return credit for 802.3 CIO LAN card								
36935A	HP SNA Distributed Host Command facility								
36939A	X.25/iX System access								
36957A	HP ARPA File transfer protocol								
36971A	HP OTS 3000/iX								
36972A	HP FTAM 3000/iX								
40220A	Cable between 2335 & ATC/DTC printer ports								
40221A	Cable between 2335 & ATC/DTC terminal ports								
40230A	25-pin Cable to 3-pin cable								
40233A	Modem cable 25-pin/25-pin m/m								
40234A	Modem cbl 25-pin/25-pin m/m DRS sig. (pin 23)								
40235A	Upgd kit betwn 2335A & new ver. 2335A X.25/84								
40242G	RS-232-C Printer cable								
40242P	HP-Direct connect RS-422 cable								
40242X	HP-Direct connect RS-232 cable								

OS0: LTU SW/Next Day HW

OS2: Tel SW/Next Day HW

OS4: Inst./Ntwk. Config. Cust. Inst. Prod.

OS6: Tel SW/24 x 7 HW

OS1: LTU SW/Same Day HW

OS3: Tel SW/Same Day HW

OS5: LTU SW/24 x 7 HW

OSZ: Ntwk. Config. - HP Inst. Prod.

Table 5. Networking Support Options (cont'd)

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
40242Y	RS-232-C Cable for 2392A (5m/16 ft.)								
40261A	Additional four modem connect ports								
40262A	Additional four ports for 2335A								
40263A	19-inch Rackmount kit for 2335A								
45111A	ASI to RS-422 cable (1.5m)								
45112A	Modem cable (1.5m)								
45113A	Direct connect extension cable (10.5m)								
82919A	RS-232-C Serial interface for Series 800								
92205A	Hayes Smartmodem(tm)								
92205B	Hayes Smartmodem(tm)								
92218A	U.S. Modem cable (15m/50 ft.)								
92218B	European Modem cable (15m/50 ft.)								
92223C	Repeater FEP AUI (20m)								
92224A	RS-232-C Connector kit								
92225A	RS-422 Connector kit (male)								
92225B	RS-422 Connector kit (female)								
92227A	1 meter ThinLAN coax cable								
92227B	2 meter ThinLAN coax cable								
92227C	4 meter ThinLAN coax cable								
92227D	8 meter ThinLAN coax cable								
92227E	16 meter ThinLAN coax cable								
92227F	32 meter ThinLAN coax cable								
92227G	64 meter ThinLAN coax cable								
92227H	128 meter ThinLAN coax cable								
92227L	ThinLAN BNC connector pair								
92227M	ThinLAN BNC connector tool kit								
92227N	ThinLAN BNC "T" connector								
92227P	ThinLAN Terminator pair								
92229B	Backbone LAN coax cable crimp tool								
92253A	23.4 m FEP Backbone LAN coax cable w/o term								
92253B	23.4 m FEP Backbone LAN coax cable w/term								
92253C	117 m FEP Backbone LAN coax cable w/o term								
92253D	500 m FEP Backbone LAN coax cable w/o term								
92253E	23.4 m PVC Backbone LAN coax cable w/o term								
92253F	23.4 m PVC Backbone LAN coax cable w/term								
92253G	117 m PVC Backbone LAN coax cable w/o term								
92253H	50 m PVC Backbone LAN coax cable w/o term								
92253J	Backbone LAN coax cable N-connectors								
92253K	Backbone LAN coax cbl. barrel N-connectors								
92253L	Bkbn LAN coax cbl. grndg term & flt. point term.								
92254A	6 meter FEP AUI Backbone LAN cable								
92254B	12 meter FEP AUI Backbone LAN cable								
92254C	24 meter FEP AUI Backbone LAN cable								
92254D	48 meter FEP AUI Backbone LAN cable								
92254E	6 meter PVC (11) AUI Backbone LAN cable								
92254F	12 meter PVC AUI Backbone LAN cable								
92254G	24 meter PVC AUI Backbone LAN cable								
92254H	48 meter PVC AUI Backbone LAN cable								
92256A	Backbone LAN coax cable installation tool kit								
92256C	ThinLAN LAN MAU and installation kit								
92256E	ThinLAN LAN surge protector & wall mnt. plate								
B1718A	Resource Sharing/iX								
CODX-3380A	Codex 3380 19.2K bps modem								
CODX-3380B	Codex 3380 19.2K bps modem								

OS0: LTU SW/Next Day HW
OS1: LTU SW/Same Day HW

OS2: Tel SW/Next Day HW
OS3: Tel SW/Same Day HW

OS4: Inst./Ntwk. Config. Cust. Inst. Prod.
OS5: LTU SW/24 x 7 HW

OS6: Tel SW/24 x 7 HW
OSZ: Ntwk. Config. - HP Inst. Prod.

Table 5. Networking Support Options (cont'd)

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
CODX-3500	Codex 3500 DSU/CSU								
D1824C	HP OpenView Windows workstation upgrd. s/w								
D2355A	HP OpenView DTC Manager								
D2506A	HP Software vendor								
J2000B	Model 45 Plus six ports								
J2001B	Model 45 Plus six ports								
J2004B	Additional six-port ALP card, maximum two								
J2005B	Model 45 to Model 45 Plus conversion kit								
J2007B	Monitor package, optional								
J2017A	OpenView Switch/PAD manager								
J2020A	Four-port Switch - DESKTOP PACKAGE								
J2021A	Four-port Switch - TOWER PACKAGE								
J2024A	Additional 4-port multiprotocol card								
J2027A	Network management processor								
J2030A	RS-232 MAP Cable, six RS-232 ports								
J2031A	V.35 MAP Cable, two V.35/four RS-232 ports								
J2032A	X.21 MAP Cable, two X.21/four RS-232 ports								
J2033A	RS-499 MAP Cbl., two RS-499/four RS-232 ports								
J2062A	DTC16iX LAN multiplexer								
J2062AZ	Racked DTC16iX LAN multiplexer								
J2070A	DTC72MX Communication server								
J2070AZ	Racked DTC72MX Communication server								
J2076A	24 RS-232 Direct connect card								
J2077A	24 RS-423 Direct connect card								
J2079A	Add-on X.25 Ntwrk access card for DTC72MX								
J2080A	HP 3000 Telnet access card								
J2084A	Modem distribution panel racking kit								
J2085A	Accessories for DTC16iX, 16TN and 72MX								
J2167A	Token Ring 3000/iX network link								
J2246A	HP PC ARPA and Network services								
J2253A	NewWare iX trial copy								
J2258A	HP 3000 ARPA services								
J2351A	HP EtherTwist Hub/12 upgrade kit								
J2352A	Four-port Ethernet/802.3 synchronous interface								
J2353A	Dual-port Token Ring interface								
J2354A	Single-port FDDI interface								

OS0: LTU SW/Next Day HW

OS2: Tel SW/Next Day HW

OS4: Inst/Ntwk. Config. Cust. Inst. Prod.

OS6: Tel SW/24 x 7 HW

OS1: LTU SW/Same Day HW

OS3: Tel SW/Same Day HW

OS5: LTU SW/24 x 7 HW

OSZ: Ntwk. Config. - HP Inst. Prod.

Table 5.1. System Support Options for 30291A

Order		These options equivalent to:											
w/Prod.	Prod.	OS0		OS1		OS2		OS3		OS5		OS6	
Number	Opt.	LTU/ND	Price	LTU/4HR	Price	TEL/ND	Price	TEL/4 HR	Price	LTU/24	Price	TEL/24	Price
30291A	0AF	0SB		0SB		0SA		0SA		0SB		0SA	
	UCY	0SD		0SD		0SC		0SC		0SD		0SC	
	UA9	0SF		0SF		0SE		0SE		0SF		0SE	
	UBD	0SH		0SH		0SG		0SG		0SH		0SG	
	UCN	0SK		0SK		0SJ		0SJ		0SK		0SJ	
	UAT	0SL		0SM		0SL		0SL		0SM		0SL	

Software

New Software Tiers

System Software License Maps into MPE/iX User License

When customers purchase system software, they simply purchase the software tier that maps into their MPE/iX user license. The different user license levels offered in MPE/iX (including some new ones, the 128, 256 and 384 user levels) map neatly into six software tiers. See the table at right.

Old Tiers are Discontinued and Replaced

Effective December 1 1992, tiers 310 through 350 are discontinued on the products that are using the user-based pricing method. Now customers should order the user-based software tier that corresponds with their MPE/iX user license.

The table at right shows the correlation between MPE/iX user licenses and the corresponding software tier. For example, customers who brought either a 32-user or 40-user MPE/iX license would buy software products with the UCY user tier.

MPE/iX User Licenses and Software Tiers

Software Tier	0AF		UCY		UA9	UBD	UCN		UAT		
MPE/iX Lic.	8	20	32	40	64	100	128	160	256	384	UL
917	X										
927		X									
937xx			X	X	X						
947xx						X		X			X
957xx					X	X		X	X		X
967xx						X		X	X		X
977xx						X		X	X		X
987xx						X		X	X		X
990							X	X	X	X	X
992/xx								X	X	X	X

The new user-based software tiers are:

0AF	20 user license
UCY	40 user license
UA9	64 user license
UBD	100 user license
UCN	160 user license
UAT	unlimited user license
UD8	Credit for 20 user license
UCZ	Credit for 40 user license
UB9	Credit for 64 user license
UD9	Credit for 100 user license
UDV	Credit for 160 user license
UBP	Credit for unlimited user license

Old Return Credits Stay

Customers that have purchased software products under the old hardware tier-based pricing that are now upgrading their software can still use the return credit option of the old pricing arrangement. They simply order the same return credit option they would have ordered before (e.g. Opt. 0CD, 0GJ, etc.) along with the new user-based tier option. If the return credit amount exceeds the cost of the user-based tier, the excessive software credit must be corrected. (See page 149.)

The following is an example of a customer who purchased a Series 957 with a 100-user MPE/iX license last year. He also purchased TurboSTORE/iX (36388A). Now he is upgrading through the field upgrade product to an unlimited user license on a 967. This example shows how he would also roll his TurboSTORE/iX license to the new user-based tiers:

Part No.	Description
36388A	TurboSTORE/iX II. One RTU license. User license must align with MPE/iX license.
Opt. UAT	Unlimited user lic.
Opt. OCF	Upgrade credit for previous purchase of Opt. 330.

New User-Based Return Credits

Once customers have made the transition to user-based software tiers, they should use the user-based return credits in their subsequent upgrades from one user-level to the next. The following is an example of how a customer with a 100-user 947LX and TurboSTORE/iX II, who is increasing to 160 users on the 947LX MPE/iX license, would also increase the TurboSTORE/iX II license:

Part No.	Description
36388A	TurboSTORE/iX II. One RTU license. User license must align with MPE/iX license.
Opt. UCN	160 user license
Opt. UD9	Credit for previous purchase of 100 user license.

Correcting Excessive Software Credits

There are times when a customer will upgrade from one SPU to another SPU on a different, lower, hardware tier. In this case, the customer needs licenses to run software on the new system, and the return credits for the licenses on the existing (higher) tier might be larger than the cost of the software on the new (lower) tier. It would erroneously imply that HP "owed" the customer money for upgrading!
This is called an excessive software credit and it needs to be corrected.

This situation can also occur when customers are upgrading hardware and using a software product that used to be sold based on hardware tiers but has since moved to user-based tiers. The customer can get credit for a previous license under the old hardware tier method, and depending on the new user or MPE license, the credit for the old license may be greater than the cost of the new license.

In all these cases, the net negative amount must be "zeroed out". It is important to calculate this based on the software line items—in other words, do not enter in an entire order with peripherals, systems, etc., and then see if there is a net negative amount to zero out. The excessive software credit is inevitably used up by other parts of the order and HP would unfairly lose revenue in that case.

Correcting these situations is quite simple. You merely determine how much excessive credit is on the order for each software product and add in the corresponding POSITIVE amount with an M05B discount code. Unfortunately, this process is manual and requires an OP person to enter it. Using the M05B is a recent change, as of November 1992. Examples are given on the next page.

Correcting Excessive Software Credits Examples

Series 70 customer going to Series 937LX, with HPDESK (35670A):

Part No.	Description	Price
36570A	HP Desk	
Opt. 310	For tier 1 SPU	(license for 937LX)
Opt. 0CF	Return credit	
M05B		

Series 70 customer going to Series 937LX (40-user MPE license), using TurboSTORE/iX II (36388A):

Part No.	Description	Price
36388A	TurboSTORE/iX II	
Opt. UCY	40-user license	
Opt. 004	Return credit	
M05B		

Upgrade Scenarios and Older Platforms

	Staying on your current system, and adding new software	Upgrading your hardware: How to handle software licenses for CURRENTLY LICENSED SOFTWARE	Upgrading your hardware: How to handle ADDING NEW SOFTWARE
920, 922LX, 925LX	Purchase the user level that aligns with your MPE/iX license.	Staying on old hardware tier: Transfer the license to new box. Moving to new hardware tier: Buy user level that aligns with MPE/iX license, plus return credit.	Purchase the user level that aligns with your MPE/iX license.
925, 935, 922, 922RX, 932, 948, 958	Purchase the 64-user level, even if you have unlimited MPE license.	Same as above.	Purchase the user level that aligns with your MPE/iX license.
NOVA customers	Purchase user option that aligns with MPE user license. Promotion available until July 31, 1993.	Same as above.	Staying on NOVA: Same as above. Use promotion where appropriate until July 31, 1993. Moving to Emerald: Same as above (no promotion).
949, 950, 955, 960	Purchase the 160-user level, even if you have unlimited MPE license.	Same as above.	Purchase the user option that aligns with MPE user license.
980, 980/200/300/400	Purchase user option that aligns with unlimited MPE user license.	Same as above.	Purchase the user option that aligns with MPE user license.
Emerald customers	Purchase user option that aligns with MPE user license.	Same as above.	Purchase the user option that aligns with MPE user license.

Application Integration

		Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP Software Integration		92616A						
Sockets for MPE/XL and MPE/iX								
Run-time License								
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Manual Set	Opt. OB1							
HP Software Integration		92767A						
Sockets for MPE/XL and MPE/iX								
Development Kit								
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Languages MPE V and Compatibility Mode

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
SPL/V Compiler	32100A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
FORTRAN 66/V Compiler	32102B							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
RPG/V Compiler	32104A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Pascal/V Compiler	32106A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
BASIC/V Interpreter	32111A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Business BASIC/V	32115A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
BASIC/V Return Credit	Opt. 300							
BASIC/250 Return Credit	Opt. 301							

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Languages MPE V and Compatibility Mode (cont'd)

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP FORTRAN 77/V	32116A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
FORTAN 66/V Return Credit	Opt. 301							
FORTAN Self-paced Training Credit	Opt. 302							
COBOL II/V Compiler	32233A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
TRANSACTION Application	32247A							
Development 3GL								
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							

HP 3000 Languages MPE/iX Native Mode

TRANSACTION Application	30138A
Development 3GL	
One RTU/Sublicense	
Upgrade Credit for 310	Opt. OCD
Upgrade Credit for 315	Opt. OGJ
Upgrade Credit for 320	Opt. OCE
Upgrade Credit for 330	Opt. OCF
Upgrade Credit for 335	Opt. OGL
Upgrade Credit for 340	Opt. OGM
Transact/iX	Opt. OG1
Transact/iX	Opt. OG2
Transact/iX	Opt. OG3
HP Business BASIC/iX	32715A
One RTU/Sublicense	
Upgrade Credit for 310	Opt. OCD
Upgrade Credit for 315	Opt. OGJ
Upgrade Credit for 320	Opt. OCE
Upgrade Credit for 330	Opt. OCF
Upgrade Credit for 335	Opt. OGL
Upgrade Credit for 340	Opt. OGM

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Languages MPE/iX Native Mode (cont'd)

		Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)	(350)
RPG/iX First Copy	30318A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
COBOL II/iX Compiler	31500A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Upgrade Credit for 32233A	Opt. OG1							
Upgrade Credit for 32233A	Opt. OHH							
Upgrade Credit for 32233A	Opt. OG2							
Upgrade Credit for 32233A	Opt. OG3							
Upgrade Credit for 32233A	Opt. OHJ							
Upgrade Credit for 32233A	Opt. OG4							
Upgrade Credit for 32233A	Opt. OG8							
FORTRAN 77/iX Compiler	31501A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Upgrade Credit for 32116A	Opt. OG1							
Upgrade Credit for 32116A	Opt. OHH							
Upgrade Credit for 32116A	Opt. OG2							
Upgrade Credit for 32116A	Opt. OG3							
Upgrade Credit for 32116A	Opt. OHJ							
Upgrade Credit for 32116A	Opt. OG4							
Upgrade Credit for 32116A	Opt. OG8							
Pascal/iX Compiler	31502A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Upgrade Credit for 32106A	Opt. OG1							
Upgrade Credit for 32106A	Opt. OHH							
Upgrade Credit for 32106A	Opt. OG2							
Upgrade Credit for 32106A	Opt. OG3							
Upgrade Credit for 32106A	Opt. OHJ							
Upgrade Credit for 32106A	Opt. OG4							
Upgrade Credit for 32106A	Opt. OG8							

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Languages MPE/iX Native Mode (cont'd)

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP C/iX Compiler	31506A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							

HP 3000 Information Management Tools MPE V and Compatibility Mode

HP SRC/V	30234A
One RTU/Sublicense	
Upgrade Credit for 310	Opt. OCD
Upgrade Credit for 320	Opt. OCE
HP Edit/V	30316A
One RTU/Sublicense	
Upgrade Credit for 310	Opt. OCD
Upgrade Credit for 315	Opt. OGJ
Upgrade Credit for 320	Opt. OCE
Upgrade Credit for 330	Opt. OCF
Upgrade Credit for 335	Opt. OGL
Upgrade Credit for 340	Opt. OGM
Dictionary/V Data Dictionary	32244A
One RTU/Sublicense	
Upgrade Credit for 310	Opt. OCD
Upgrade Credit for 315	Opt. OGJ
Upgrade Credit for 320	Opt. OCE
Upgrade Credit for 330	Opt. OCF
Upgrade Credit for 335	Opt. OGL
Upgrade Credit for 340	Opt. OGM
INFORM/V Query and Report Generator	32246A
One RTU/Sublicense	
Upgrade Credit for 310	Opt. OCD
Upgrade Credit for 315	Opt. OGJ
Upgrade Credit for 320	Opt. OCE
Upgrade Credit for 330	Opt. OCF
Upgrade Credit for 335	Opt. OGL
Upgrade Credit for 340	Opt. OGM
System Dictionary/V	32254A
One RTU/Sublicense	
Upgrade Credit for 310	Opt. OCD
Upgrade Credit for 315	Opt. OGJ
Upgrade Credit for 320	Opt. OCE
Upgrade Credit for 330	Opt. OCF
Upgrade Credit for 335	Opt. OGL
Upgrade Credit for 340	Opt. OGM
System Dictionary COBOL Definition Extractor/V	32255A
One RTU/Sublicense	
Upgrade Credit for 310	Opt. OCD
Upgrade Credit for 315	Opt. OGJ
Upgrade Credit for 320	Opt. OCE
Upgrade Credit for 330	Opt. OCF
Upgrade Credit for 335	Opt. OGL
Upgrade Credit for 340	Opt. OGM

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Information Management Tools MPE V and Compatibility Mode (cont'd)

		Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)	(350)
Toolset/V Program Development Environment	32350A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
HP BRW-Desk/V	35365A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
TurboIMAGE DBchange/V Capacity Expansion and Restructuring Utility	36020A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP BRW/V, Report Writing System	36070A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP SQL/V, Relational Database Mgt. System	36215A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
HP Search/V	36381A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
HP Browse/V	36382A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
Database Tools/V	36913A							
TurboIMAGE Database Pkg.								
One RTU/Sublicense								
TurboIMAGE Profiler/V	36914A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Information Management Tools MPE V and Compatibility Mode (cont'd)

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
Transform/IBM Tools and Utilities	99940A							
PROCMON Process Monitor Menu Processor	99941A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							

HP 3000 Information Management Tools MPE/iX Native Mode

ALLBASE/SQL	30368B	
For use by 1 to 8 concurrent users	Opt. UA3	
For use by 1 to 20 users	Opt. 0AF	
For use by 1 to 32 users	Opt. UA7	
For use by 1 to 40 users	Opt. UCY	
For use by 1 to 64 users	Opt. UA9	
For use by 1 to 100 users	Opt. UBD	
For use by 1 to 128 users	Opt. UAB	
For use by 1 to 160 users	Opt. UCN	
For use by 1 to 256 users	Opt. UAD	
For use by 1 to 384 users	Opt. UDW	
For use by unlimited users	Opt. UAT	
HP OpenODB Developer Rel.	B2472A	
ALLBASE/Replicate	B2494A	
One RTU/Sublicense		
Upgrade Credit for 310	Opt. OCD	
Upgrade Credit for 315	Opt. 0GJ	
Upgrade Credit for 320	Opt. OCE	
Upgrade Credit for 330	Opt. OCF	
Upgrade Credit for 335	Opt. OGL	
Upgrade Credit for 340	Opt. OGM	
ALLBASE/DB2L	30700A	
Connect for Series 900		
One RTU/Sublicense		
Upgrade Credit for 310	Opt. OCD	
Upgrade Credit for 315	Opt. 0GJ	
Upgrade Credit for 320	Opt. OCE	
Upgrade Credit for 330	Opt. OCF	
Upgrade Credit for 335	Opt. OGL	
Upgrade Credit for 340	Opt. OGM	
ALLBASE/4 GL	30601A	
Developer Package		
One RTU/Sublicense		
Select a System Support Option.		
Refer to Table 7 on page 187.		
Upgrade Credit for 310	Opt. OCD	
Upgrade Credit for 315	Opt. 0GJ	
Upgrade Credit for 320	Opt. OCE	
Upgrade Credit for 330	Opt. OCF	
Upgrade Credit for 335	Opt. OGL	
Upgrade Credit for 340	Opt. OGM	



Select a System Support Option. Unless otherwise specified, refer to Table 6 on page 183.

HP 3000 Information Management Tools MPE/iX Native Mode (cont'd)

		Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)	(350)
ALLBASE/4 GL Run-time Package	30602A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
ALLBASE/QUERY Interface to ALLBASE/iX	32426A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP SRC/iX	30328A							
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Symbolic Debugger/iX	31508A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
System Dictionary/iX	32256A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
System Dictionary COBOL Definition Extractor/iX	32257A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Information Management Tools MPE/iX Native Mode (cont'd)

		Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP EDIT/iX	32656A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
for products 32656A & 30316A								
Upgrade Credit for 315	Opt. OGJ							
for products 32656A & 30316A								
Upgrade Credit for 320	Opt. OCE							
for products 32656A & 30316A								
Upgrade Credit for 330	Opt. OCF							
for products 32656A & 30316A								
Upgrade Credit for 335	Opt. OGL							
for products 32656A & 30316A								
Upgrade Credit for 340	Opt. OGM							
for products 32656A & 30316A								
Business Report Writer/iX	35360A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Purchase Credit for 36070A	Opt. OG1							
Purchase Credit for 36070A	Opt. OG6							
Purchase Credit for 36070A	Opt. OG2							
Purchase Credit for 36070A	Opt. OG3							
Purchase Credit for 36070A	Opt. OG5							
Purchase Credit for 36070A	Opt. OG7							
Purchase Credit for 36070A	Opt. OG8							
Business Report Writer Desk/iX	35361A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Purchase Credit for 35365A	Opt. OG1							
Purchase Credit for 35365A	Opt. OG6							
Purchase Credit for 35365A	Opt. OG2							
Purchase Credit for 35365A	Opt. OG3							
Purchase Credit for 35365A	Opt. OG5							
Purchase Credit for 35365A	Opt. OG7							
Purchase Credit for 35365A	Opt. OG8							
Toolset/iX	36044A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
for products 36044A & 32350A								
Upgrade Credit for 315	Opt. OGJ							
for products 36044A & 32350A								
Upgrade Credit for 320	Opt. OCE							
for products 36044A & 32350A								
Upgrade Credit for 330	Opt. OCF							
for products 36044A & 32350A								
Upgrade Credit for 335	Opt. OGL							
for products 36044A & 32350A								
Upgrade Credit for 340	Opt. OGM							
for products 36044A & 32350A								

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Information Management Tools MPE/iX Native Mode (cont'd)

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP Search/iX for HP 3000	36383A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Browse/iX for HP 3000	36384A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP DBChange Plus	36386A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Return Credit for 310	Opt. OG1							
Return Credit for 315	Opt. OG6							
Return Credit for 320	Opt. OG2							
Return Credit for 330	Opt. OG3							
Return Credit for 335	Opt. OG5							
Return Credit for 340	Opt. OG7							
Return Credit for 350	Opt. OG8							

HP 3000 Office Systems Software

AdvanceMail - U.S. Version	D2101B
AdvanceLink/MS-DOS Single Copy	D2102B
AdvanceLink/MS-DOS Single User Upgrade	D2102-60004
NewWave Mail for Desk	D2103D
AdvanceLink/Macintosh Single Copy	D2107A
AdvanceLink/Windows NW Single Copy	D2104C
AdvanceLink/Windows NW Single Copy Upgrade	D2104-60015
AdvanceLink/Windows NW Single User Upgrade	D2108C
AdvanceMail Single User License	D2111B

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Office Systems Software (cont'd)

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
AdvanceLink/MS-DOS Right to Copy	D2112B							
NewWave Mail Single User License	D2113D							
AdvanceLink/Windows NW Right to Copy	D2114C							
AdvanceLink/Color Graphics User License Certificate for Macintosh	D2117A							
Officefax for HP Deskmanager	D2412A							
Officefax for HP Openmail	D2413A							
AdvanceLink/MS-DOS Right to Copy Upgrade	D2432B							
NewWave Mail User License Upgrade	D2433D							
AdvanceLink/Windows NW Right to Copy Upgrade	D2434C							
HP Software Vendor	D2506A							
HP Software Vendor Upgrade	Opt. 0CC							
OfficeConnect to X.400/V	30257A							
LAN for Series 37, MICRO family	Opt. 100							
LAN for Series 39-42, 52	Opt. 200							
LAN for Series 44, 48, 58	Opt. 300							
LAN for Series 64-70	Opt. 400							
Delete LAN/3000 Link	Opt. 500							
Specify ThickLAN	Opt. 555							
Cooperative Services Right to Execute for HP 3000 and 1-10 PCs. One RTU/Sublicense	32564E							
Upgrade Credit for 310	Opt. 0CD							
Upgrade Credit for 315	Opt. 0GJ							
Upgrade Credit for 320	Opt. 0CE							
Upgrade Credit for 330	Opt. 0CF							
Upgrade Credit for 335	Opt. 0GL							
Upgrade Credit for 340	Opt. 0GM							
Cooperative Services Execute ONLY License Upgrade.	32564L							
Cooperative Services Development Kit For MPE/V	32570B							

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Office Systems Software (cont'd)

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
Cooperative Services Development Kit For MPE/iX	32571A							
AdvancePrint Single User Kit Vectra/5.25-inch	32583F							
AdvancePrint Vectra/3.5-inch	Opt. 033							
AdvancePrint S/W User License Vectra	32583J							
HP DeskManager PLUS Electronic Mail System One RTU/Sublicense Software only: Doc. P/N 27576A Select a System Support Option. Refer to Table 7 on page 187.	36567A							
Upgrade Credit for 310	Opt. 0CD							
Upgrade Credit for 315	Opt. 0GJ							
Upgrade Credit for 320	Opt. 0CE							
Upgrade Credit for 330	Opt. 0CF							
Upgrade Credit for 335	Opt. 0GL							
Upgrade Credit for 340	Opt. 0GM							
<i>Return credits for upgrade from P/N 36570 to 36567</i>								
Return Credit for 310	Opt. 0G1							
Return Credit for 315	Opt. 0HH							
Return Credit for 320	Opt. 0G2							
Return Credit for 330	Opt. 0G3							
Return Credit for 335	Opt. 0HJ							
Return Credit for 340	Opt. 0G4							
Return Credit for 350	Opt. 0G8							
HP DeskManager Electronic Mail System One RTU/Sublicense Software only: Doc. P/N 27576A	36570A							
Upgrade Credit for 310	Opt. 0CD							
Upgrade Credit for 315	Opt. 0GJ							
Upgrade Credit for 320	Opt. 0CE							
Upgrade Credit for 330	Opt. 0CF							
Upgrade Credit for 335	Opt. 0GL							
Upgrade Credit for 340	Opt. 0GM							
1-4 User License. First time buy.	Opt. 0AJ							
1-4 User License. Subsequent buy. No s/w or doc. included.	Opt. UA2							
IFS/3000 Interactive Formatting System	36580A							
IDS/3000 Interactive Design Sys.	36581_							
HP 3000 Printer Graphics Support Software	36583_							
HP Laser Printer Support Pkg.	36584_							

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Office Systems Software (cont'd)

		Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP Graphics Curator/3000	36926_							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
For MICRO family, Series 37, 920 and 922LX	Opt. 310							
For Series 39-58	Opt. 320							
For Series 6x-70	Opt. 330							
For Series 950 and 955	Opt. 340							
Reflection I Software	82863K							
ROM base	Opt. 400							
2392A Terminal Emulation S/W	98791B							

Select a System Support Option. Refer to Table 6 on page 183.

HP Cooperative Computing Solutions

		Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP NewWave Office		B1715A						
Mailing for MPE/iX, MPE V								
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Return Credit	Opt. OG1							
Return Credit	Opt. OG2							
Return Credit	Opt. OG3							
Information Access Server SQL/iX B3162A								
Information Access Server/iX		B3160A						
Information Access Server/V		B3161A						
Information Access Client Lic.		B3115A						
1-24 Single user license	Opt. UDN							
25-49 User license	Opt. UDP							
50-99 User license	Opt. UDR							
100+ User license	Opt. UDT							
Information Access Client		B3140A						
Media and Manuals								

HP 3000 Manufacturing Systems Applications Software

HP Easy Search for Mfg.	B2134A
HP Easy Search for Maint.	B2135A
HP Maintenance Management	32154A
(Unlimited sessions.)	
One RTU/Sublicense	
Upgrade Credit for 310	Opt. OCD
Upgrade Credit for 315	Opt. OGJ
Upgrade Credit for 320	Opt. OCE
Upgrade Credit for 330	Opt. OCF
Upgrade Credit for 335	Opt. OGL
Upgrade Credit for 340	Opt. OGM
HP Maintenance Management	32156A
(Limited to ten	
concurrent sessions.)	
One RTU/Sublicense	
Upgrade Credit for 315	Opt. OGJ
Upgrade Credit for 320	Opt. OG2
Upgrade Credit for 330	Opt. OG3
Upgrade Credit for 335	Opt. OG5
Upgrade Credit for 340	Opt. OG7
Upgrade Credit for 350	Opt. OG8

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Manufacturing Systems Applications Software (cont'd)

		Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP Materials Mgt. Adv. Cust.	32267A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
One User Exit	Opt. 300							
HP Production Management	32270A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Maint. Mgt. Adv. Cust.	32279A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
One User Exit	Opt. 300							
HP Standard Cost Management	32399A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Production Management Advanced Customization	32630A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
One User Exit	Opt. 300							
HP Production Planning/PC	32636A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Manufacturing Systems Applications Software (cont'd)

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP Materials Management Model 20	32903A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Lot Control and Traceability	32909A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Production Cost Management	32920A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP PCM Advanced Customization	32922A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
One User Exit	Opt. 300							
HP MRP Action Manager for NewWave	B2132A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Upgrade from MM II Core to MM II Core Advanced Ver.	32923A							
One RTU/Sublicense								
Upgrade from HP Materials Management Models 10 and 20 (32904A & 32903A) to MM Advanced Version 32926A	32924A							
One RTU/Sublicense								

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Manufacturing Systems Applications Software (cont'd)

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
Upgrade from HP Materials Management 32916A Model 30 to Advanced Version 32926A One RTU/Sublicense	32925A							
HP Materials Management Advanced Version One RTU/Sublicense	32926A							
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Upgrade MM II to MM II Advanced Version One RTU/Sublicense	32927A							
HP Purchasing One RTU/Sublicense	34006A							
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Purchasing Advanced Customization One RTU/Sublicense	34009A							
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
One User Exit	Opt. 300							
Advanced Customization for MM II Family One RTU/Sublicense	34022A							
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Maintenance Management MICRO 3000LX One RTU/Sublicense	34024A							
Upgrade Credit for 310	Opt. OCD							

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Manufacturing Systems Applications Software (cont'd)

		Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)	(350)
Materials Management II	34025A							
Process-Repetitive Core								
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Manufacturing	34026A							
Management II Core								
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Manufacturing	34027A							
Management II, with MM Adv.								
One RTU/Sublicense								
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Manufacturing	B2130A							
Management II for MPE/iX								
One RTU/Sublicense								
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Manufacturing	B2131A							
Management II Core for MPE/iX								
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Financial Systems Application Software

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP General Ledger/3000	32305A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Dual Ledger	32306A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 340	Opt. OGM							
HP Allocator	32307A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 340	Opt. OGM							
HP Accounts Payable/3000	32308A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Accounts Receivable/3000	32309A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP Interface Facility	32311A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 340	Opt. OGM							
HP Financial Accounting Bundle	32339A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Financial Systems Application Software (cont'd)

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
Financial Budgeting	35350A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							

HP 3000 Financial Management Products

HP FM General Ledger	B1821A
One RTU/Sublicense	
Upgrade Credit for 310	Opt. OCD
Upgrade Credit for 315	Opt. OGJ
Upgrade Credit for 320	Opt. OCE
Upgrade Credit for 330	Opt. OCF
Upgrade Credit for 335	Opt. OGL
Upgrade Credit for 340	Opt. OGM
HP FM Accounts Payable	B1822A
One RTU/Sublicense	
Upgrade Credit for 310	Opt. OCD
Upgrade Credit for 315	Opt. OGJ
Upgrade Credit for 320	Opt. OCE
Upgrade Credit for 330	Opt. OCF
Upgrade Credit for 335	Opt. OGL
Upgrade Credit for 340	Opt. OGM
HP FM Accounts Receivable	B1823A
One RTU/Sublicense	
Upgrade Credit for 310	Opt. OCD
Upgrade Credit for 315	Opt. OGJ
Upgrade Credit for 320	Opt. OCE
Upgrade Credit for 330	Opt. OCF
Upgrade Credit for 335	Opt. OGL
Upgrade Credit for 340	Opt. OGM
HP FM Financial Management Core	B1824A
One RTU/Sublicense	
Upgrade Credit for 310	Opt. OCD
Upgrade Credit for 315	Opt. OGJ
Upgrade Credit for 320	Opt. OCE
Upgrade Credit for 330	Opt. OCF
Upgrade Credit for 335	Opt. OGL
Upgrade Credit for 340	Opt. OGM
HP FM Financial Management	B1825A
One RTU/Sublicense	
Upgrade Credit for 310	Opt. OCD
Upgrade Credit for 315	Opt. OGJ
Upgrade Credit for 320	Opt. OCE
Upgrade Credit for 330	Opt. OCF
Upgrade Credit for 335	Opt. OGL
Upgrade Credit for 340	Opt. OGM

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 Financial Management Products (cont'd)

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP FM GL Migration (from HP FA) One RTU/Sublicense	B1826A							
HP FM AP Migration (from HP FA) One RTU/Sublicense	B1827A							
HP FM AR Migration (from HP FA) One RTU/Sublicense	B1828A							
HP MAX/iX Advanced Customization One RTU/Sublicense	B1829A							
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							

HP 3000 System Software

HP Copycat/3000 Disc to Disc Backup/File Copy Utility One RTU/Sublicense	19550A						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 320	Opt. OCE						
TurboSTORE Backup Program One RTU/Sublicense	30167A						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 320	Opt. OCE						
Description	Product No./ Option No.	8/20	32/40	64	100	128/160	256/384/UL
		MPE Lic. (OAF)	MPE Lic. (UCY)	MPE Lic. (UA9)	MPE Lic. (UBD)	MPE Lic. (UCN)	MPE Lic. (UAT)
TurboSTORE/iX One RTU/Sublicense. License must align with MPE/iX license.	30319A						
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 System Software (cont'd)

Description	Product No./ Option No.	8/20	32/40	64	100	128/160	256/384/UL
		MPE Lic. (OAF)	MPE Lic. (UCY)	MPE Lic. (UA9)	MPE Lic. (UBD)	MPE Lic. (UCN)	MPE Lic. (UAT)
TurboSTORE/iX II	36387A						
One RTU/Sublicense.							
Includes software data compression. User license option must align with MPE/iX license.							
Select a System Support Option.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Return Credit for 310	Opt. 001						
Return Credit for 315	Opt. 002						
Return Credit for 320	Opt. 003						
Return Credit for 330	Opt. 004						
Return Credit for 335	Opt. 005						
Return Credit for 340	Opt. 006						
Return Credit for 350	Opt. 007						

TurboSTORE/iX II with On-Line Backup	36388A						
One RTU/Sublicense.							
Includes software data compression. User license option must align with MPE/iX license.							
Select a System Support Option.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Return Credit for 310	Opt. 001						
Return Credit for 315	Opt. 002						
Return Credit for 320	Opt. 003						
Return Credit for 330	Opt. 004						
Return Credit for 335	Opt. 005						
Return Credit for 340	Opt. 006						
Return Credit for 350	Opt. UEK						

Model/Product Number/Price							
	917LX/927LX/	947LX/	922/932/	948/935/	949/	958/950/	980/100-400/
	937LX/920/	922RX	925LX/925/	64-70/	967LX/	955/960/	990/992
	922LX/MICROs/		39-58/30/33/	957LX/	RX/SX/	977SX/	
	37s/937RX/SX/		SII/SIII/	RX/SX/	967	987RX/SX/	
	937		947RX/SX/	957		987/150RX/SX/	
			947			977	
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)
							(350)

90-Day Trial Copy of 36388A, B2492A
TurboSTORE/iX II with On-Line Backup
 One RTU/Sublicense

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 System Software (cont'd)

Description	Product No./ Option No.	8/20	32/40	64	100	128/160	256/384/UL
		MPE Lic. (DAF)	MPE Lic. (UCY)	MPE Lic. (UA9)	MPE Lic. (UBD)	MPE Lic. (UCN)	MPE Lic. (UAT)
TurboSTORE/iX II with Support for Rewritable Optical Disk 36397A							
One RTU/Sublicense.							
User license option must align with MPE/iX license.							
Select a System Support Option.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OG1						
Upgrade Credit for 315	Opt. OG2						
Upgrade Credit for 320	Opt. OG3						
Upgrade Credit for 330	Opt. OG4						
Upgrade Credit for 335	Opt. OG5						
Upgrade Credit for 340	Opt. OG6						
Upgrade Credit for 350	Opt. UEK						
TurboSTORE/iX II with On-Line Backup and Rewritable Optical Disk 36398A							
One RTU/Sublicense.							
User license option must align with MPE/iX license.							
Select a System Support Option.							
Refer to Table 7 on page 187.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OG1						
Upgrade Credit for 315	Opt. OG2						
Upgrade Credit for 320	Opt. OG3						
Upgrade Credit for 330	Opt. OG4						
Upgrade Credit for 335	Opt. OG5						
Upgrade Credit for 340	Opt. OG6						
Upgrade Credit for 350	Opt. UEK						
Credit for 99X DX	Opt. OHR						
Mirrored Disk/iX 30349A							
One RTU/Sublicense							
Must order a user license.							
User license must align with MPE/iX user license.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						

Select a System Support Option. Unless otherwise specified, refer to Table 6 on page 183.

HP 3000 System Software (cont'd)

Description	Product No./ Option No.	8/20	32/40	64	100	128/160	256/384/UL
		MPE Lic. (DAF)	MPE Lic. (UCY)	MPE Lic. (UA9)	MPE Lic. (UBD)	MPE Lic. (UCN)	MPE Lic. (UAT)
AutoRestart/iX	36375A						
One RTU/Sublicense							
Must order a user license.							
User license must align with							
MPE/iX user license.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						
SPU SwitchOver/iX	36378A						
One RTU/Sublicense							
Must order a user license.							
User license must align with							
MPE/iX user license.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						
Backup for 8 or 20 user system	Opt. 510						
Backup for 32 or 40 user system	Opt. 515						
Backup for 64 user system	Opt. 520						
Backup for 100 user system	Opt. 530						
Backup for 128 or 160 user sys.	Opt. 535						
Backup for 256, 384 or unlimited	Opt. 550						
user system							
HP OpenView Console*	36936A						
One RTU/Sublicense							
Must order a user license.							
User license must align with							
MPE/iX user license.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						

* Additional ordering information on page 176.

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 System Software (cont'd)

Description	Product No./ Option No.	8/20	32/40	64	100	128/160	256/384/UL
		MPE Lic. (DAF)	MPE Lic. (UCY)	MPE Lic. (UA9)	MPE Lic. (UBD)	MPE Lic. (UCN)	MPE Lic. (UAT)
Managed Series 9xx Node*	36937A						
One RTU/Sublicense							
Must order a user license.							
User license must align with							
MPE/iX user license.							
Credit for 20-user license	Opt. UD8						
Credit for 40-user license	Opt. UCZ						
Credit for 64-user license	Opt. UB9						
Credit for 100-user license	Opt. UD9						
Credit for 160-user license	Opt. UDV						
Credit for unlimited user license	Opt. UBP						
Upgrade Credit for 310	Opt. OCD						
Upgrade Credit for 315	Opt. OGJ						
Upgrade Credit for 320	Opt. OCE						
Upgrade Credit for 330	Opt. OCF						
Upgrade Credit for 335	Opt. OGL						
Upgrade Credit for 340	Opt. OGM						
Upgrade Credit for 350	Opt. UEK						

		Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP OpenView System Manager Managed Node/V Software One RTU/Sublicense	36938A							
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
HP Security Monitor/V One RTU/Sublicense For MPE V/E systems only.	30392A							
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
Flexible DiscCopy/3000	32199A							
Scientific Library	32205B							
Migration Toolset	32428A							
HP TapeMaker One RTU/Sublicense	32434A							

* Additional ordering information on page 177.

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 System Software (cont'd)

Product No.	Opt. No.	Product Description	Price
B3482A		SharePlex Facility/iX Clustering capability for HP 3000s to transparently share data and other computer resources across a local or wide area network.	
A2359A		1. Select NetBase products NetBase basic bundle for first system. Includes AutoRPM, Network File Access, NB Spool, Shadowing (Image/SQL), and Statistics.	
	#310	a. ☐ Tier 1 SPU	
	#315	b. ☐ Tier 2 SPU	
	#320	c. ☐ Tier 3 SPU	
	#330	d. ☐ Tier 4 SPU	
	#335	e. ☐ Tier 5 SPU	
	#340	f. ☐ Tier 6 SPU	
	#350	g. ☐ Tier 7 SPU	
	#AA0	h. ☐ CS80 Cartridge tape media	
	#AA1	i. ☐ 1600 BPI tape media	
	#AA2	j. ☐ 6250 BPI tape media	
	#AAH	k. ☐ Digital Data Storage (DDS) media	
A2360A		NetBase basic bundle for secondary, etc. systems. Includes AutoRPM, Network File Access, NB Spool, Shadowing (Image/SQL), and Statistics.	
	#310	a. ☐ Tier 1 SPU	
	#315	b. ☐ Tier 2 SPU	
	#320	c. ☐ Tier 3 SPU	
	#330	d. ☐ Tier 4 SPU	
	#335	e. ☐ Tier 5 SPU	
	#340	f. ☐ Tier 6 SPU	
	#350	g. ☐ Tier 7 SPU	
	#AA0	h. ☐ CS80 Cartridge tape media	
	#AA1	i. ☐ 1600 BPI tape media	
	#AA2	j. ☐ 6250 BPI tape media	
	#AAH	k. ☐ Digital Data Storage (DDS) media	
36936A		2. Select OV Console for your first system, and Managed Node licenses for nodes to be managed by your first system. Select OV Workstation if needed. Software is provided with a Class/Concurrent license to use on this system and the license must align with the system's MPE/iX user license. HP OpenView Console Includes all software necessary to manage one HP 3000 system using the features of HP OpenView System Manager. Must also order HP OpenView Windows Workstation (below), or you must already own its components. Additional HP 3000s may be managed by this OpenView Console by purchasing 36937A Managed Node licenses.	
	#0AF	a. ☐ 20 user license	
	#UCY	b. ☐ 40 user license	
	#UA9	c. ☐ 64 user license	
	#UBD	d. ☐ 100 user license	
	#UCN	e. ☐ 160 user license	
	#UAT	f. ☐ Unlimited user license	
	#UD8	g. ☐ Credit for 20 user license	
	#UCZ	h. ☐ Credit for 40 user license	
	#UB9	i. ☐ Credit for 64 user license	
	#UD9	j. ☐ Credit for 100 user license	
	#UDV	k. ☐ Credit for 160 user license	
	#UBP	l. ☐ Credit for unlimited user license	

* Prices not firm at time of publication, please contact CPL

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 System Software (cont'd)

Product No.	Opt. No.	Product Description	Price
B3482A		SharePlex Facility/iX (cont'd)	
	#0CD	m. [] Credit for previous purchase of tier 310	
	#0GJ	n. [] Credit for previous purchase of tier 315	
	#0CE	o. [] Credit for previous purchase of tier 320	
	#0CF	p. [] Credit for previous purchase of tier 330	
	#0GL	q. [] Credit for previous purchase of tier 335	
	#0GM	r. [] Credit for previous purchase of tier 340	
	#UEK	s. [] Credit for previous purchase of tier 350	
36937A		Managed Series 9xx Node License	
		Includes a license to have the OpenView Console manage one HP 3000 Series 9xx system. One license per managed node must be ordered. The license for each managed node must align with that node's MPE/iX user license.	
	#0AF	a. [] 20 user license	
	#UCY	b. [] 40 user license	
	#UA9	c. [] 64 user license	
	#UBD	d. [] 100 user license	
	#UCN	e. [] 160 user license	
	#UAT	f. [] Unlimited user license	
	#UD8	g. [] Credit for 20 user license	
	#UCZ	h. [] Credit for 40 user license	
	#UB9	i. [] Credit for 64 user license	
	#UD9	j. [] Credit for 100 user license	
	#UDV	k. [] Credit for 160 user license	
	#UBP	l. [] Credit for unlimited user license	
	#0CD	m. [] Credit for previous purchase of tier 310	
	#0GJ	n. [] Credit for previous purchase of tier 315	
	#0CE	o. [] Credit for previous purchase of tier 320	
	#0CF	p. [] Credit for previous purchase of tier 330	
	#0GL	q. [] Credit for previous purchase of tier 335	
	#0GM	r. [] Credit for previous purchase of tier 340	
	#UEK	s. [] Credit for previous purchase of tier 350	
36938A		Managed Node License for MPE/V System	
		Includes a license to have the OpenView Console manage one HP 3000 MPE/V system. One license per managed node must be ordered.	
	#310	a. [] Tier 310 SPU (Micros, Series 37)	
	#320	b. [] Tier 320 SPU (Micros, Series 39-58/30/33/SII/SIII)	
	#330	c. [] Tier 330 SPU (Series 64-70)	
	#0CD	d. [] Credit for previous purchase of tier 310	
	#0CE	e. [] Credit for previous purchase of tier 320	
	#0CF	f. [] Credit for previous purchase of tier 330	
32045C		HP OpenView Windows Workstation	
		This is a PC bundle that will be the console to manage the SharePlex/iX cluster. OpenView Console will support a maximum of 5 PCs total. Opt. 202 need not be ordered for the first PC bundle.	
	#201	a. [] DTC Manager	
	#202	b. [] PC software for OpenView Console (one set already comes with 36936A).	
	#204	c. [] SwitchPad Manager	
	#205	d. [] SwitchPad Manager (5-10 nodes)	
	#206	e. [] SwitchPad Manager (10 nodes)	
	#101	f. [] ThinLAN connection	
	#102	g. [] ThickLAN connection	
	#103	h. [] EtherTwist connection	
	#104	i. [] SwitchPad Manager connection	

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 System Software (cont'd)

Product No.	Opt. No.	Product Description	Price
B3482A		SharePlex Facility/iX (cont'd)	
		You MUST order a localization option.	
	#ABA	a. [] USA	
	#ABB	b. [] Europe (English)	
	#ABD	c. [] Germany	
	#ABE	d. [] Spain	
	#ABF	e. [] France	
	#ABG	f. [] Australia	
	#ABH	g. [] Netherlands	
	#ABK	h. [] Intercon	
	#ABM	i. [] Latin America	
	#ABN	j. [] Norway	
	#ABP	k. [] Swiss (German)	
	#ABQ	l. [] Swiss (French)	
	#ABS	m. [] Sweden	
	#ABU	n. [] U.K.	
	#ABW	o. [] Belgium	
	#ABX	p. [] Finland	
	#ABY	q. [] Denmark	
	#ABZ	r. [] Italy	

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 System Performance Software

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP RX Forecast	B1764B							
For use with MPE systems, requires 50700B HP LaserRX as a pre-requisite.	Opt. AGD							
HP SPT/iX Collector	B1776A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGN							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP SPT/iX Analyzer	B1777A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGN							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
HP GlancePlus for MPE/iX	B1787B							
One RTU/Sublicense								
Select a System Support Option. Refer to Table 7 on page 187.								
Mag. Tape (XL 2.2, 3.0, 3.1 only)	Opt. AA1							
DDS Cart. (XL 2.2, 3.0, 3.1 only)	Opt. AAH							
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Credit for 99x DX	Opt. OHR							
Return Credit for	Opt. OG1							
HP 50733B, Opt. 310								
Return Credit for	Opt. OG2							
HP 50733B, Opt. 320								
Return Credit for	Opt. OG3							
HP 50733B, Opt. 330								

Select a System Support Option. Unless otherwise specified, refer to Table 6 on page 183.



HP 3000 System Performance Software (cont'd)

		Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
Description	Product No./ Option No.	(310)	(315)	(320)	(330)	(335)	(340)	(350)
HP GlancePlus Pak for MPE/iX		B2953A						
One RTU/Sublicense								
Mag. Tape (XL 2.2, 3.0, 3.1 only)	Opt. AA1							
DDS Cart. (XL 2.2, 3.0, 3.1 only)	Opt. AAH							
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGN							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
Return Credit for	Opt. 201							
HP B1787B, Opt. 310								
Return Credit for	Opt. 202							
HP B1787B, Opt. 315								
Return Credit for	Opt. 203							
HP B1787B, Opt. 320								
Return Credit for	Opt. 204							
HP B1787B, Opt. 330								
Return Credit for	Opt. 205							
HP B1787B, Opt. 335								
Return Credit for	Opt. 206							
HP B1787B, Opt. 340								
Return Credit for	Opt. 207							
HP B1787B, Opt. 350								
Return Credit for	Opt. OG1							
HP B2954A, Opt. 310								
Return Credit for	Opt. OG2							
HP B2954A, Opt. 320								
Return Credit for	Opt. OG3							
HP B2954A, Opt. 330								
Return Credit for	Opt. 101							
HP 50733B, Opt. 310								
Return Credit for	Opt. 102							
HP 50733B, Opt. 320								
Return Credit for	Opt. 103							
HP 50733B, Opt. 330								
HP GlancePlus Pak for MPE/V		B2954A						
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
Return Credit for	Opt. 101							
HP 50733B, Opt. 310								
Return Credit for	Opt. 102							
HP 50733B, Opt. 320								
Return Credit for	Opt. 103							
HP 50733B, Opt. 330								
APS/3000		32180A						
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							

Select a System Support Option. Refer to Table 6 on page 183.

HP 3000 System Performance Software (cont'd)

		Model/Product Number/Price						
Description	Product No./ Option No.	917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
OPT/3000	32238A							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
Credit if 22809B or 51406A is ordered	Opt. 240							
HP LaserRX/MPE	50700B							
For measurement of 1-3 sys.	Opt. 001							
For measurement of 4-10 sys.	Opt. 002							
For meas. of 11 and up sys.	Opt. 003							
For measurement of 1 system	Opt. 004							
Additional analyzer software only	Opt. 005							
Upgrade Credit for Opt. 001	Opt. 101							
Upgrade Credit for all tiers	Opt. 102							
Upgrade Credit for Opt. 004	Opt. 103							
HP GlancePlus/V	50733B							
One RTU/Sublicense								
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 320	Opt. OCE							
HP PerfView MPE/IX	H5291A							
Agent License								
Requires HP PerfView Analysis software, H5289A (on HP 9000 Series 700), or H5324A (on HP 9000 Series 600/800).								
Single node license	Opt. UDE							
Up to 5 nodes	Opt. UDF							
Up to 10 nodes	Opt. UDG							
Up to 25 nodes	Opt. UDH							
Up to 50 nodes	Opt. UDJ							

Select a System Support Option. Refer to Table 6 on page 183.

Applied Computerized Telephony (ACT)

Description	Product No./ Option No.	Model/Product Number/Price						
		917LX/927LX/ 937LX/920/ 922LX/MICROs/ 37s/937RX/SX/ 937	947LX/ 922RX	922/932/ 925LX/925/ 39-58/30/33/ SII/SIII/ 947RX/SX/ 947	948/935/ 64-70/ 957LX/ RX/SX/ 957	949/ 967LX/ RX/SX/ 967	958/950/ 955/960/ 977SX/ 987RX/SX/ 987/150RX/SX/ 977	980/100-400/ 990/992
		(310)	(315)	(320)	(330)	(335)	(340)	(350)
ACT Call Processing Server for NT Meridian 1 PBX	32044A							
ACT Call Processing Server for NT PBX	32044B							
ACT Call Processing Server for NT DMS-100 Central Office Switch	32045A							
HP 3000 ACT Call Processing API One RTU/Sublicense	32077A							
1/4-inch cartridge tape	Opt. AA0							
1/2-inch magnetic tape (1600 bpi)	Opt. AA1							
DDS cartridge tape	Opt. AAH							
Upgrade Credit for 310	Opt. OCD							
Upgrade Credit for 315	Opt. OGJ							
Upgrade Credit for 320	Opt. OCE							
Upgrade Credit for 330	Opt. OCF							
Upgrade Credit for 335	Opt. OGL							
Upgrade Credit for 340	Opt. OGM							
ACT Call Processing Server for AT&T	J2122A							

Select a System Support Option. Refer to Table 6 on page 183.

Table 6. Software Support Options

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
30138A	TRANSACT/iX Application Development 3GL								
30167A	TurboSTORE Backup Program								
30234A	HP SRC/V								
30257A	OfficeConnect to X.400/V								
30291A	SNA LINK/iX								
30292A	SNA NRJE/iX								
30293A	SNA IMF/iX								
30316A	HP Edit/V								
30318A	RPG/iX First copy								
30319A	TurboSTORE/iX								
30328A	HP SRC/iX								
30349A	Mirrored Disk/iX								
30368B	ALLBASE/SQL					See current CPL			
30392A	HP Security Monitor/V								
30601A	ALLBASE/4 GL Developer Package					See Table 7			
30602A	ALLBASE/4 GL Run-time Package								
30700A	ALLBASE/DB2L Connect for Series 900								
31500A	COBOL II/iX Compiler								
31501A	FORTTRAN 77/iX Compiler								
31502A	Pascal/iX Compiler								
31506A	HP C/iX Compiler								
31508A	HP Symbolic Debugger/iX								
32044A	ACT Call Proc. Server for NT Meridian 1 PBX								
32044B	ACT Call Proc. Server for NT PBX								
32077A	HP 3000 ACT Call Processing API								
32100A	SPL/V Compiler								
32102B	FORTTRAN 66/V Compiler								
32104A	RPG/V Compiler								
32106A	Pascal/V Compiler								
32111A	BASIC/V Compiler								
32115A	HP Business BASIC/V								
32116A	HP FORTTRAN 77/V								
32154A	HP Maintenance Management								
32156A	HP Maintenance Management								
32180A	APS/3000								
32199A	Flexible DiscCopy/3000								
32205B	Scientific Library								
32233A	COBOL II/V Compiler								
32238A	OPT/3000								
32244A	Dictionary/V Data Dictionary								
32246A	INFORM/V Query and Report Generator								
32247A	TRANSACT/V Application Development 3GL								
32254A	System Dictionary/V								
32255A	Sys. Dictionary COBOL Definition Extractor/V								
32256A	System Dictionary/iX								
32257A	Sys. Dictionary COBOL Definition Extractor/iX								
32267A	HP Materials Mgt. Advanced Customization								
32270A	HP Production Management								
32279A	HP Maintenance Mgt. Advanced Customization								
32305A	HP General Ledger/3000								
32306A	HP Dual Ledger								
32307A	HP Allocator								
32308A	HP Accounts Payable/3000								
32309A	HP Accounts Receivable/3000								

OS0: LTU SW/Next Day HW

OS2: Tel SW/Next Day HW

OS4: Inst./Ntwk. Confg. Cust. Inst. Prod.

OS6: Tel SW/24 x 7 HW

OS1: LTU SW/Same Day HW

OS3: Tel SW/Same Day HW

OS5: LTU SW/24 x 7 HW

OSZ: Ntwk. Confg. - HP Inst. Prod.

Table 6. Software Support Options (cont'd)

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
32311A	HP Interface Facility								
32339A	HP Financial Accounting Bundle								
32350A	Toolset/V Program Development Environment								
32399A	HP Standard Cost Management								
32426A	ALLBASE/QUERY Interface to ALLBASE/iX								
32428A	Migration Toolset								
32434A	HP TapeMaker								
32564E	Cooperative Services								
32564L	Cooperative Services								
32570B	Cooperative Services dev. kit for MPE/V								
32571A	Cooperative Services dev. kit for MPE/iX								
32583F	AdvancePrint single user kit								
32583J	AdvancePrint software user license								
32630A	HP Production Mgt. Advanced Customization								
32636A	HP Production Planning/PC								
32656A	HP EDIT/iX								
32715A	HP Business BASIC/iX								
32903A	HP Materials Management Model 20								
32909A	HP Lot Control and Traceability								
32920A	HP Production Cost Management								
32922A	HP PCM Advanced Customization								
32923A	Upgrd from MM II Core to MM II Core Adv. ver.								
32924A	Upgd from HP Mat. Mgt. Mdl. 10/20 to MM Adv								
32925A	Upgd from HP Mat. Mgt. Mdl. 30 to MM Adv								
32926A	HP Materials Management Advanced version								
32927A	Upgrade MM II to MM II Advanced version								
34006A	HP Purchasing								
34009A	HP Purchasing Advanced Customization								
34022A	Advanced Customization for MM II family								
34024A	HP Maintenance Mgt. MICRO 3000LX								
34025A	Materials Mgt. II Process-Repetitive Core								
34026A	HP Manufacturing Management II Core								
34027A	HP Manufacturing Mgt. II, with MM Adv.								
35350A	Financial Budgeting								
35360A	Business Report Writer/iX								
35361A	Business Report Writer Desk/iX								
35365A	HP BRW-Desk/V								
36020A	TurboIMAGE DBchg/V Cap. Exp. & Restruc. Util.								
36044A	Toolset/iX								
36070A	HP BRW/V, Report Writing System								
36215A	HP SQL/V, Relational Database Mgt. System								
36375A	AutoRestart/iX								
36378A	SPU SwitchOver/iX								
36381A	HP Search/V								
36382A	HP Browse/V								
36383A	HP Search/iX for HP 3000								
36384A	HP Browse/iX for HP 3000								
36386A	HP DBChange Plus								
36387A	TurboSTORE/iX II								
36388A	TurboSTORE/iX II with on-line backup								
36397A	TurboSTORE/iX II w/sup. for rewritable opt. disk								
36398A	TurboSTORE/iX II w/on-lin bkp & rewrit opt disk								
36567A	HP DeskManager PLUS Electronic Mail Sys.								
36570A	HP DeskManager Electronic Mail System								

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OS2: Tel SW/Next Day HW

OS4: Inst./Ntwk. Config. Cust. Inst. Prod.

OS6: Tel SW/24 x 7 HW

OS1: LTU SW/Same Day HW

OS3: Tel SW/Same Day HW

OS5: LTU SW/24 x 7 HW

OSZ: Ntwk. Config. - HP Inst. Prod.

Table 6. Software Support Options (cont'd)

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
36913A	Database Tools/V TurboIMAGE Database Pkg								
36914A	TurboIMAGE Profiler/V								
36923A	ThinLAN/iX								
36936A	HP OpenView Console								
36937A	Managed Series 9xx Node								
36938A	HP OpenView Sys. Manager Managed Node/V								
50700B	HP LaserRX/MPE								
50733B	HP GlancePlus/V								
92616A	HP S/W Int. Sockets for MPE/XL/iX Run-time lic.								
92767A	HP S/W Int. Sockets for MPE/XL/iX Dev. kit								
99940A	Transform/IBM Tools and Utilities								
99941A	PROCMON Process Monitor Menu Processor								
B1764B	HP RX Forecast								
B1776A	HP SPT/iX Collector								
B1777A	HP SPT/iX Analyzer								
B1787B	HP GlancePlus for MPE/iX				See Table 7				
B1821A	HP FM General Ledger								
B1822A	HP FM Accounts Payable								
B1823A	HP FM Accounts Receivable								
B1824A	HP FM Financial Management Core								
B1825A	HP FM Financial Management								
B1826A	HP FM GL Migration (from HP FA)								
B1827A	HP FM AP Migration (from HP FA)								
B1828A	HP FM AR Migration (from HP FA)								
B1829A	HP MAX/iX Advanced Customization								
B2130A	HP Manufacturing Mgt. II for MPE/iX								
B2131A	HP Manufacturing Mgt. II Core for MPE/iX								
B2132A	HP MRP Action Manager for NewWave								
B2134A	HP Easy Search for Mfg.								
B2135A	HP Easy Search for Maint.								
B2472A	HP OpenODB Developer Release								
B2492A	Trial copy of TurboSTORE/iX II w/on-line bkup								
B2494A	ALLBASE/Replicate								
B2953A	HP GlancePlus Pak for MPE/iX				See Table 7				
B2954A	HP GlancePlus Pak for MPE/V								
B3115A	Information Access Client license				See current CPL				
B3140A	Information Access Client media and manuals				See current CPL				
B3160A	Information Access Server/iX				See current CPL				
B3161A	Information Access Server/V				See current CPL				
B3162A	Information Access Server SQL/iX				See current CPL				
B3482A	SharePlex Facility/iX				See current CPL				
D2101B	AdvanceMail - U.S. version								
D2102-60004	AdvanceLink/MS-DOS single user upgrade								
D2102B	AdvanceLink/MS-DOS single copy								
D2103D	NewWave Mail for Desk								
D2104-60015	AdvanceLink/Windows NW single copy upgrd								
D2104C	AdvanceLink/Windows NW single copy								
D2107A	AdvanceLink/Macintosh single copy								
D2108C	AdvanceLink/Windows NW single user upgrd								
D2111B	AdvanceMail single user license								
D2112B	AdvanceLink/MS-DOS right to copy								
D2113D	NewWave Mail single user license								
D2114C	AdvanceLink/Windows NW right to copy								
D2117A	AdvLink/Color Graphics user lic. cert. for Mac.								

OS0: LTU SW/Next Day HW

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OS4: Inst./Ntwk. Cnfg. Cust. Inst. Prod.

OS6: Tel SW/24 x 7 HW

OS1: LTU SW/Same Day HW

OS3: Tel SW/Same Day HW

OS5: LTU SW/24 x 7 HW

OSZ: Ntwk. Cnfg. - HP Inst. Prod.

Table 6. Software Support Options (cont'd)

Model Number	Description	System Support Options							
		OS0	OS1	OS2	OS3	OS4	OS5	OS6	OSZ
D2412A	Officefax for HP Deskmanager								
D2413A	Officefax for HP Openmail								
D2432B	AdvanceLink/MS-DOS right to copy upgrade								
D2433D	NewWave Mail user license upgrade								
D2434C	AdvanceLink/Windows NW right to copy upgrd								
D2506A	HP Software Vendor								
H5291A	HP PerfView MPE/iX Agent License								
J2122A	ACT Call Processing Server for AT&T								

OS0: LTU SW/Next Day HW

OS2: Tel SW/Next Day HW

OS4: Inst./Ntwk. Config. Cust. Inst. Prod.

OS6: Tel SW/24 x 7 HW

OS1: LTU SW/Same Day HW

OS3: Tel SW/Same Day HW

OS5: LTU SW/24 x 7 HW

OSZ: Ntwk. Config. - HP Inst. Prod.

To order the System Support Options where the option contains an alpha character (e.g. 0SA-0SY):

1. Select appropriate product (tier option).
2. Determine desired level of support for the software indicated by the column heading.

T = Phone-in assistance, license to use software updates, media documentation, HP SupportLine access.

LTU = License to use software updates, media/documentation updates HP SupportLine access.

3. Locate the System Support price for the product tier.

4. Order.

- A. Product number
- B. OS (alpha noted in parentheses)

Table 7. Product-Specific Structure

Model No.	Option	*Telephone OS ()		*LTU OS ()		OS4	
		Insert Ltr.	Price	Insert Ltr.	Price		
30601A	310	A		B			N/A
	315	C		D			N/A
	320	E		F			N/A
	330	G		H			N/A
	335	J		K			N/A
	340	L		M			N/A
	350	N		P			N/A
B1787B	310	A		B			N/A
	315	C		D			N/A
	320	E		F			N/A
	330	G		H			N/A
	335	J		K			N/A
	340	L		M			N/A
	350	N		P			N/A
B2953A	310	A		B			N/A
	315	C		D			N/A
	320	E		F			N/A
	330	G		H			N/A
	335	J		K			N/A
	340	L		M			N/A
	350	N		P			N/A
J2246A	001	A		B			N/A
	002	C		D			N/A
	003	E		F			N/A
	004	G		H			N/A
	005	J		K			N/A

* Software support only.

Documentation

HP LaserROM Documentation on CD-ROM

Description/Part Number	Product No./Option No.	PRICE
HP LaserROM Information Service	50726A+R00	
LaserROM MPE V Information Service	Opt. 001	
LaserROM MPE/iX Information Service	Opt. 002	
HP LaserROM/PC Single-User Retrieval Software	50725A	
For use with LaserROM MPE V Service	Opt. 001	
For use with LaserROM MPE/iX Service	Opt. 002	
HP LaserROM/LAN Eight-User Retrieval Software	50743A	
For use with LaserROM MPE V Service	Opt. 001	
For use with LaserROM MPE/iX Service	Opt. 002	

MPE V and MPE/iX Overview Manuals

NetDelivery/V Documentation Kit	32346K
Intrinsics Reference Manual	Opt. 001
Utility User's Guide	Opt. 002
Error Message Manual	Opt. 003
Self-Paced Customer Training	Opt. 004
19550-90901 HP CopyCat/3000 Reference Manual	
30000-60029 Site Preparation Planning and Site Preparation Guide	
30000-90022 Machine Instruction Set	
30000-90047 RJE/3000 Emulator Reference Manual	
30070-60068 Diagnostic Manual Set for Series 39 and 4x only	
32033-90040 MPE V T-MIT Tables Manual	
32033-90147 MPE V-MIT Tables Manual	
32180-90001 APS/3000 Reference Manual	
32180-90002 APS/3000 Quick Reference Card	
32180-90003 APS/3000 Pocket Guide Insert	
32192-90001 MRJE/3000 Remote Job Entry Manual	
32193-90002 MTS/3000 Multipoint Terminal Software Manual	
32199-90001 Flexible Discopy/3000	
32238-90001 OPT/3000 Reference Manual	
32238-90002 OPT/3000 Pocket Guide	
32238-90003 OPT/3000 Insert for MPE Pocket Guide	

MPE V FOS Manuals

HP 3000 MPE V Manual Set	30380M
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MPE/iX Manual Sets

Migration Manual Set	30231A
30231-60001 SPL to HP C/iX Migration Guide	
30367-60002 MPE V to MPE/iX: Getting Started Self-Paced Training	
30367-60002 MPE V to MPE/iX: Getting Started Mentor's Guide	
30367-60003 Migration Process Guide	
30367-60004 Introduction to MPE/iX for MPE V Programmers	
30367-90003 Introduction to MPE/iX for MPE V Systems Administrators	
31502-60011 HP COBOL II/iX Migration Guide	
31502-60011 HP FORTRAN 77/iX Migration Guide	
31502-60011 HP Pascal/iX Migration Guide	
32650-60030 Switch Programming Guide	
32715-60002 HP Business Basic/iX Migration Guide	

* See PAL for current price of individual manuals.

MPE/iX Manual Sets (cont'd)

Description/Part Number	Product No./Option No.	PRICE
System Management Core Manual Set		
	36367A	
32650-60115	MPE/iX Commands Reference Manual Kit	
30391-90001	TurboIMAGE/iX Database Management System Reference Manual	
32022-61000	Configuring Systems for Terminals, Printers and Other Serial Devices	
30000-90079	KSAM/3000 Reference Manual	
30000-90042	QUERY V Reference Manual	
32650-60016	MPE/iX Error Message Kit	
30000-90012	EDIT/3000 Reference Manual	
32650-90032	MPE/iX Quick Reference Guide	
32650-90168	Using KSAM/XL	
32650-90004	Performing System Management Tasks	
36389-90011	Up and Running with ALLBASE/SQL	
32650-90137	Performing System Operations Tasks	
32650-90144	MPE/iX Documentation Guide	
32650-90166	Native Mode Spooler Reference Manual	
32650-90268	Managing Spooler Operations Quick Reference Pocket Card	
32650-90269	CI Programming Quick Reference Pocket Card	
System Management Core Plus Manual Set		
	36368A	
5959-2870	Customizing Terminal & Printer Type Files Using the Workstation Configurator	
32022-61002	Troubleshooting Terminal, Printer and Other Serial Device Connections	
32022-61005	Using the Node Management Services (NMS) Utilities	
32212-90003	FCOPY Reference Manual	
32650-90082	SORT-MERGE/XL General User's Guide	
32650-90042	System Startup, Configuration and Shutdown Reference Manual	
32650-90045	Volume Management Reference Manual	
32650-90081	MPE/iX System Utilities Reference Manual	
32650-90155	Controlling System Activity	
32650-90146	MPE/iX Glossary of Terms and Acronyms	
Programming Core Manual Set		
	36369A	
32650-90008	Getting Started as an MPE/iX Programmer	
32650-60014	Compiler Library/XL Reference Manual	
32650-60026	MPE Segmenter Reference Manual	
32650-90030	HP Link Editor/XL Reference Manual	
32650-90363	Berkeley Sockets/iX Reference Guide	
MPE/iX Programming Core Plus Manual Set		
	36370A	
30391-90001	TurboIMAGE/XL Database Management System Reference Manual	
32022-61001	Asynchronous Serial Communications Programmer's Reference Manual	
30000-90079	KSAM/3000 Reference Manual	
32209-60002	VPLUS/iX Reference Manual Kit	
	Using VPLUS/V: An Introduction to Forms Design	
	Data Entry and Forms Management System VPLUS Reference Manual	
30000-90042	QUERY/V Reference Manual	
32424-60001	High Level Screen Management Intrinsic Library (HiLi) Reference Manual	
32650-60010	Accessing Files, Trap Handling and Data Types Conversion Kit	
	Trap Handling Programmer's Guide	
	Data Types Conversion Programmer's Guide	
	Accessing Files Programmer's Guide	
32650-60011	Process Mgt., Resource Management and Interprocess Communication Kit	
	Process Management Programmer's Guide	
	Resource Management Programmer's Guide	
	Interprocess Communication Programmer's Guide	
32650-60012	Native Language, Message Catalogs and User Logging Kit	
	Native Language Programmer's Guide	
	Message Catalogs Programmer's Guide	
	User Logging Programmer's Guide	
32650-60016	MPE/iX Error Message Kit	
32650-60021	System Information and Command Interpreter Programming Kit	
	Command Interpreter Access and Variables Programmer's Guide	
	Getting System Information Programmer's Guide	
32650-90028	MPE/iX Intrinsic Reference Manual	
32650-90168	Using KSAM XL	

* See PAL for current price of individual manuals.

MPE/iX Manual Sets (cont'd)

Description/Part Number		Product No./Option No.	PRICE
System Dictionary Manuals			
32256-90001	HP System Dictionary/XL SDMAIN Reference Manual		
32256-90002	HP System Dictionary/XL Intrinsic Reference Manual		
32256-90003	HP System Dictionary/XL Utilities Reference Manual		
32256-90004	HP System Dictionary/XL General Reference Manual (Vol. I)		
32256-90005	HP System Dictionary/XL General Reference Manual (Vol. II)		
32257-90001	HP System Dictionary/XL COBOL Definition Extractor Reference Manual		
ALLBASE Manual Set		36372A	
36216-60008	ALLBASE/SQL Pascal Application Programming Guide		
36216-90001	ALLBASE/SQL Reference Manual		
36216-90004	ALLBASE/SQL Reference Manual		
36216-90005	ALLBASE/SQL Database Administration Guide		
36216-90009	ALLBASE/SQL Message Manual		
36389-90011	Up and Running with ALLBASE/SQL		
36216-90023	ALLBASE/SQL C Application Programming Guide		
36216-90030	ALLBASE/SQL FORTRAN Application Programming Guide		
36216-90031	ALLBASE/Net User's Guide		
36216-90006	ALLBASE/SQL COBOL Application Programming Guide		
36216-90062	ALLBASE/SQL Release F.0 Application Programming Bulletin		
36216-90038	ALLBASE/SQL Quick Reference Guide		
General Usage Manual Set		36373A	
31126A	Using the Series 900 HP 3000		
	Fundamental Skills	Opt. 001	
	Advanced Skills	Opt. 002	
	Setup Tape (1600 bpi)	Opt. 003	
	Setup Tape (DAT)	Opt. 004	
32650-90032	MPE/iX Quick Reference Guide		
32650-60115	MPE/iX Commands Reference Manual Kit		
System Documentation for the HP 3000 Series 9X7LX		B3483A	
A1707-90001	Setting Up and Maintaining your System Guide		
A1707-92002	Using your System Guide		
A1707-90003	Understanding your System		

MPE/iX Language Manuals

30318-60001	RPG/iX Programmer's Guide		
30318-60002	RPG/iX Reference Manual		
30318-60003	RPG/iX Utilities Reference Manual		
31500-90001	HP COBOL II/iX Reference Manual		
31500-90002	HP COBOL II/iX Programmer's Guide		
31500-90003	HP COBOL II/iX Quick Reference Guide		
31501-90010	HP FORTRAN 77/iX Reference Manual		
31501-90011	HP FORTRAN 77/iX Programmer's Manual		
31502-90001	HP Pascal/iX Reference Manual		
31502-90002	HP Pascal/iX Programmer's Guide		
31506-90005	HP C/iX Reference Manual		
92434-90002	HP C Programmer's Guide		
30026-90001	HP C/iX Library Reference Manual		
31508-90003	HP Symbolic Debugger/iX User's Guide		
32715-60001	HP Business Basic/iX Reference Manual		

* See PAL for current price of individual manuals.

MPE/iX Data Communications Manuals

Description/Part Number	Product No./Option No.	PRICE
30254-61000	HP SNA Server/Access User's Guide	
30291-61000	HP SNA Link/XL Node Manager's Guide	
30292-61000	HP SNA NRJE Node Manager's Guide	
30292-61001	HP SNA NRJE User/Programmer's Reference Manual	
30293-61000	HP SNA IMF/XL Node Manager's Guide	
30293-61005	HP SNA IMF Programmer's Reference Manual	
30293-61008	Using SNA IMF Pass Thru	
32349-61004	Getting Started with NetDelivery/iX	
32349-61005	NetDelivery/XL Configuration Planning Guide	
32349-61006	NetDelivery/XL Utility Commands Reference	
5958-8542	HP SNA Products: Manager's Guide	
5958-8543	HP SNA Products: ACF/NCP and ACF/VTAM Guide	
5958-8544	HP SNA Products: Job Entry Subsystem Guide	
5958-8545	HP SNA Products: IMS Guide	
5958-8546	HP SNA Products: CICS Guide	
5958-8547	HP SNA Products: DISOSS Guide	
5960-1629	HP SNA Products: AS/400 Guide	
J2220-61025	HP SNA Products: Remote System Configuration Guide	
32349-61001	NetDelivery/XL Intrinsic Reference Manual	
32349-61002	NetDelivery/XL Utilities User's Guide	
32349-61003	NetDelivery/XL Error Message Manual	
36920-61000	Using NS3000/XL Network Services	
91790-6102E	NS Cross-System NFT Reference Manual	
36920-61005	NetPC 3000/XL Programmer's Reference Manual	
36922-61003	NS3000/XL NMMGR Screens Reference Manual	
36922-61005	NS3000/XL Operations and Maintenance Reference Manual	
36923-61000	NS3000/iX Error Messages Reference Manual	
36939-61003	Managing Host-Based X.25 Links Quick Reference Card	
36939-61004	Configuring and Managing Host-Based X.25 Links	
36922-61023	HP 3000/iX Network Planning and Configuration Guide	
36922-61029	HP SNMP/XL User's Guide	
36957-61001	Installing and Managing HP ARPA File Transfer Protocol Network Manager's Guide	
36957-61002	HP ARPA File Transfer Protocol User's Guide	
D2355-90001	Using HP OpenView DTC Manager	
36936-61001	HP OpenView System Manager User's Guide	
36936-61002	HP OpenView System Manager Manager's Guide	
32006-61001	HP SNADS/XL HP Desk Gateway Administrator's Guide	
32006-61002	HP SNADS/XL Node Manager's Guide	
32006-61003	HP SNADS/XL SNA Distribution Services: Electronic Mail User Support Guide	
32006-61004	HP SNADS/XL HP Desk User Support Guide	
30295-61001	RJE User/Programmer Reference Manual	
30295-61002	RJE/XL Node Manager's Guide	
30294-61000	LU 6.2 API Application Programmer's Reference Manual	
30294-61002	APPC Subsystem on MPE/XL Node Manager's Guide	
36935-61001	SNA DHCF/XL User Support Guide	
36935-61002	SNA DHCF/XL Node Manager's Guide	
36935-61003	SNA DHCF/XL Application Programmer's Manual	
36935-61004	SNA DHCF/XL Diagnostic Message Manual	
32020-61004	Netware for the HP 3000 System Administration MPE/iX Supplement	
32006-61009	HP DeskManager Intrinsic	
32015-61001	Installing HP LAN Manager/XL	
32015-61003	LAN Manager/XL Programmer's Reference Manual	
32015-61002	LAN Manager/XL Error Message Manual	
32015-61000	LAN Manager/XL System Administrator's Guide	

* See PAL for current price of individual manuals.

Programmer Productivity Tools Manuals

Description/Part Number	Product No/Option No.	PRICE
30234-60002	HP SRC User's Guide Binder Kit	
30316-90001	HP EDIT Reference Manual	
30316-90002	Learning HP EDIT	
30316-90005	HP EDIT Quick Reference Card	
30422-60001	Virtuoso Code Generator Reference Manual	
30426-60001	Virtuoso COBOL Sample Library Reference Manual	
32245-60001	REPORT/V User's Guide Kit	
32246-60002	INFORM/V User's Guide Kit	
32247-60002	Getting Started with Transact Kit	
30138-60001	HP Transact Reference Manual	
36386-90001	TurboIMAGE DBchange Plus User's Guide	
36044-60001	HP Toolset/XL Reference Manual Kit	

MPE V Language Manuals

5957-4685	HP FORTRAN 77 Reference Manual	
5957-4686	HP FORTRAN 77 Programmer's Guide	
5957-4687	HP FORTRAN 77 Quick Reference Guide	
5957-4690	HP FORTRAN 77 Conversion Guide	
30000-90025	BASIC/3000 for Beginners	
30000-90024	SPL/3000 Reference Manual	
30000-90025	SPL/3000 Language Textbook	
30000-90026	BASIC/3000 Interpreter	
30000-90027	Scientific Library Reference Manual	
30000-90040	FORTTRAN/3000 Reference Manual	
32100-90001	SPL Pocket Guide	
32102-90002	FORTTRAN Pocket Guide	
32103-90001	BASIC/3000 Compiler Reference Manual	
32104-90001	RPG/3000 Reference Manual	
32104-90006	RPG Utilities	
32105-90002	APL/3000	
32105-90003	APL/3000 Pocket Guide	
32106-90001	HP PASCAL/3000 Reference Manual	
32106-90002	HP PASCAL/3000 Pocket Guide	
32115-90001	HP Business BASIC/3000 Reference Manual	
32115-90002	HP Business BASIC/3000 Quick Reference Guide	
32115-90003	HP Business BASIC/3000 Programmer's Guide	
32115-90004	HP BASIC/3000 to HP Business BASIC Conversion Guide	
32115-90005	HP BASIC/250 to HP Business BASIC Conversion Guide	
32213-90003	Using COBOL: A guide for the COBOL Programmer	
32233-90001	COBOL II/3000 Reference Manual	
32233-90005	COBOL/3000 to COBOL II/3000 Conversion Guide	
32247-90020	HP Transact Quick Reference	
32247-60002	Getting Started with Transact	
32247-60003	HP Transact Reference Manual	

MPE V Information Management Manuals

32244-61000	Dictionary/3000 Reference Manual Kit	
32244-90012	Dictionary/V Database Utilities Reference Manual	
32254-90001	HP System Dictionary/V SDMAIN Reference Manual	
32254-90002	HP System Dictionary/V Intrinsics Reference Manual	
32254-90003	HP System Dictionary/V Utilities Reference Manual	
32254-90004	HP System Dictionary/V General Reference Manual (Vol. I)	
32254-90005	HP System Dictionary/V General Reference Manual (Vol. II)	
32255-90001	HP System Dictionary COBOL Definition Extractor Reference Manual	
32425-60001	HP Visor Tutorial	
36215-90001	HP SQL/V Reference Manual	
36215-90002	HP SQL/V ISQL Reference Manual	
36215-90003	HP SQL/V Database Administrator's Guide	
36215-90004	HP SQL/V COBOL Application Programming Guide	
36215-90005	HP SQL/V Message Manual	
36215-90006	HP SQL/V Quick Reference Guide	
36215-90007	HP SQL/V Pascal Application Programming Guide	

* See PAL for current price of individual manuals.

MPE V Information Management Manuals (cont'd)

Description/Part Number	Product No./Option No.	PRICE
36914-91001 TurboIMAGE/V Profiler User's Guide		
99940-90001 Transform Reference Manual		
99940-90002 OCL Translation Reference Manual		
99941-90001 Process Monitor (PROCMON) Reference Manual		

Office Systems Manuals

HP OfficeFax, Facsimile Gateway Solution for HP DeskManager Environment	D2412A
HP OfficeFax, Facsimile Gateway Solution for HP OpenMail	D2413A
Cooperative Services Development Documentation	32570T
AdvancePrint Software Documentation	32583K
Information Access PC Documentation (five copies)	32596T

Manufacturing Systems Application Manuals

Maintenance Management Manual Set	32154Z
User Reference Manual	Opt 001
System Reference Manual	Opt 002
Production Management/3000 Model 30 Manual Set	32270Z
User Reference Manual	Opt 001
System Reference Manual	Opt 002
Standard Cost Management Manual Set	32399Z
User Reference Manual	Opt 001
System Reference Manual	Opt 002
JIT Manual Set	32620Z
User Reference Manual	Opt 001
System Reference Manual	Opt 002
Self-Paced Training	Opt 003
Production Planning/PC Manual	32636Z
Materials Management/3000 Model 20 Manual Set	32903Z
Lot Control and Traceability/3000 Manual Set	32909Z
User Reference Manual	Opt 001
System Reference Manual	Opt 002
Materials Management AV Manual Set	32926Z
User Reference Manual	Opt 001
System Reference Manual	Opt 002
Self-Paced Training	Opt 003
Purchasing Manual Set	34006Z
User Reference Manual	Opt 001
System Reference Manual	Opt 002
MM II Process-Repetitive Core Manual Set	34025Z
User Reference Manual	Opt 001
System Reference Manual	Opt 002
Self-Paced Training	Opt 003
Manufacturing Management II Core Manual Set	34026Z
User Reference Manual	Opt 001
System Reference Manual	Opt 002
Self-Paced Training Manual	Opt 003
Manufacturing Management II Manual Set	34027Z
User Reference Manual	Opt 001
System Reference Manual	Opt 002
Self-Paced Training	Opt 003

Financial Systems Manuals

HPPAY Manual Set	32296Z
HP Financial Accounting Manual Set	32304Z

Financial Systems Manuals (cont'd)

Description/Part Number		Product No./Option No.	PRICE
HP General Accounting Manual Set		32312Z	
32296-90001	HPPAY User's Manual		
32296-90002	HPPAY User's Reference Manual		
32296-90003	HPPAY System Reference Manual		
32296-90005	HPPAY Report Writer Manual		
32304-90001	HP Financial Accounting System Operator Manual		
32304-90002	HP Financial Accounting System Customization Manual		
32304-90003	HPFA System Reference Manual		
32304-90007	HPFA Database Reference Manual		
32305-90001	HP General Ledger User Manual Set		
32305-90002	HP General Ledger System Reference Manual Set		
32305-90007	HPFA GLSYS Database Reference		
32306-90001	HP Dual Ledger User Manual Set		
32306-90002	HP Dual Ledger System Reference Manual Set		
32307-90001	HP Allocator Manual Set		
32307-90002	HP Allocator System Reference Manual Set		
32307-90007	HPFA ALLOC Database Reference Manual		
32308-90001	HP Accounts Payable Manual Set		
32308-90002	HP Accounts Payable System Reference Manual Set		
32308-90007	HPFA APSYS Database Reference		
32309-90001	HP Accounts Receivable User Manual Set		
32309-90002	HP Accounts Receivable System Reference Manual		
32309-90007	HPFA ARSYS Database Reference Manual		
32310-90001	HP Report Facility User Manual Set		
32311-90001	HP Interface Facility User Manual Set		
32350-90001	Financial Budgeting User Manual		
32350-90002	Financial Budgeting Reference Manual		

Data Communication Manuals

5955-7680	LAN Cabling and Accessories Installation Manual
5957-4624	Making the LAN Connection: A Local Area Network Primer
5957-4645	Connecting to your Computer
5958-8542	HP SNA Products: Manager's Guide
5958-8543	HP SNA Products: ACF/NCP and ACF/VTAM Guide
5958-8544	HP SNA Products: Job Entry Subsystem Guide
5958-8545	HP SNA Products: IMS Guide
5958-8546	HP SNA Products: CICS Guide
5958-8547	HP SNA Products: DISOSS Guide
5958-8581	NetPC 3000/V Programmer's Reference Manual
5959-2801	APPC Subsystem Node Manager's Guide
24405-90001	DS X.25 to NS X.25 Migration Guide
24405-90002	NS X.25/V Link Guide
30000-90047	DSN/RJE 2780-3780 Emulator Reference Manual
30000-90250	Point-to-Point Workstation I/O Reference Manual
30144-90016	ATP for Meridian SL-1 Interface Supplement to ATP Installation Manual
30239-90001	Workstation Configuration Reference Manual
30239-90006	Workstation Configuration Quick Reference Manual
30292-61001	SNA NRJE User/Programmer Reference Manual Kit
30245-90006	SNA NRJE Quick Reference (Sec. H)
30246-90002	Getting Started with SNA Node Management
30246-90003	SNA Link Services Reference Manual
30246-90006	SNA/Link Node Quick Reference (Sec. I)
30247-90002	Installing and Troubleshooting SNA IMF Node Manager's Guide
30247-90006	HP 3000 Comp. DSN/IMF SNA IMF Interactive Mainframe Fac.
30248-90006	RJE Quick Reference Guide
30249-90001	MRJE User/Programmer's Reference Manual
30249-90006	MRJE Quick Reference Guide
30250-90001	IMF User/Programmer Reference Manual
30252-90001	LU 6.2 Base Mode Manager's Guide
30252-90006	APPC Subsystem Datacommunications Handbook
30253-90001	LU 6.2 API Application Programmer's Reference Guide
30253-90002	LU 6.2 API Node Manager's Guide
32185-90001	DS/3000 HP 3000 to HP 3000 User/Programmer Reference Manual
32185-90002	DS/3000 HP 3000 to HP 3000 Network Administrator's Manual
32185-90005	DS/DSN HP 3000 to HP 1000 User/Programmer Reference Manual

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32185-90006 DS/DSN HP 3000 to HP 1000 Quick Reference Guide		
32187-90001 X.25 Link for the HP 3000 Reference Manual		
32187-90006 X.25/3000 Quick Reference Manual		
32193-90002 DSN/MTS Multipoint Terminal Software Reference Manual		
32193-90006 MTS Quick Reference Guide		
32344-90001 NS3000/V User/Programmer Reference Manual		
32344-90002 NS3000/V Network Manager Reference Manual (Vol. I)		
32344-90005 NS3000/V Error Message and Recovery Manual		
32344-90012 NS3000/V Network Manager Reference Manual (Vol. II)		
32346-90001 Net Delivery/V Intrinsic Reference Manual		
32346-90002 Net Delivery/V Utilities User's Guide		
32346-90003 Net Delivery/V Error Message Manual		
32346-91001 Net Delivery/V Self-Paced Customer Training		

Additional HP 3000 Applications Manuals

32199-90001 Flexible DiscCopy/3000		
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Customer Education

The product numbers listed below are for courses taught at HP. All course numbers taught at HP have the suffix "S" effective November 1, 1991. To get the on-site product number, replace the "S" suffix with an "X". All on-site quotations must be coordinated through your nearest HP Education

Center to verify instructor availability and total price. Consult the HP Education Catalog for scheduling and course information.

* Designates a self-paced training tutorial for completion at customer site. Prices are per copy.

No equipment or instructor supervision is provided by HP. Most self-paced tutorials are available from HP direct by calling 1-800-538-8787.

MPE Operating System

Description	Product No.	U.S. List Price	
		At HP	On-Site
New Features and Functions of MPE/iX 4.5	B1784S		
Account Management	B1769A*		
Storing and Restoring Files, System Backup	B1770A*		
System Setup, Shutdown and Recovery	B1771A*		
MPE/iX System Management Skills II	B1772S		
TurboIMAGE Fundamentals for Database Administrators	B1779S		
Using the Native Mode Spooler	B1798A*		
Implementing Non-System Volumes	B1808A*		
Managing Disk Space	B1809A*		
MPE/iX: Application Optimization	B2780S		
ALLBASE/BRW Fundamentals	B2782S		
ALLBASE/BRW Fundamentals and Administration	B2783S		
MPE/iX System Operation Skills	B2801S		
System Administration for Application Users	B2802S		
MPE/XL Creating Command Files and UDCs	B2803A*		
VPLUS Fundamentals for Programmers	B2807S		
MPE/iX Programming Skills II	B2653S		
MPE/iX Starter Kit	H2563A*		
TurboIMAGE Database Design Theory	30606S		
ALLBASE/SQL Database Design Theory	30701S		
Moving from MPE V to iX: System Management	31110S		
Moving from MPE V to iX: Application Programmers	31114S		
Moving from MPE V to iX: System Operation	31117S		
MPE/iX Programming Skills	31118S		
MPE/iX System Management Skills	31119S		
Using the HP 3000 Series	31126A		
Opt. 001* Fundamental Skills			
Opt. 002* Advanced Skills			
Dictionary-Information-Report/3000 Fundamentals	35013S		
TurboIMAGE DBMS/3000 for Programmers	35053S		
ALLBASE/BRW Fundamentals for Programmers	36070S		
ALLBASE/SQL on HP-UX and MPE/iX	36389S		
QUERY Fundamentals	50635S		
Shell Fundamentals	B2955A*		

MPE V Operating System

Description	Product No.	U.S. List Price	
		At HP	On-Site
MPE V Application Optimization	B1778S		
MPE V/E: Advanced Skills	H2515A*		
MPE V/E: Fundamental Skills	H2516A*		
V Programming Fundamentals	22801S		
MPE V System Management	22802S		
HP 3000/SPL File	22804S		
Special MPE Capabilities	22805S		
MPE V System Operation	22807S		
MPE V to iX: Getting Started	30367-60002*		
MPE/V System Management II	35017S		
HP Transact/3000 II	51402S		
V System Administration for Application Users	51404S		
V System Performance Fundamentals	51406S		
MPE/V HP TurboIMAGE II	51480S		

HP 3000 Applications: Manufacturing and Financial

HP FM Training	B2796S		
Using HP Materials Management/Advanced Version	B2798S		
Using HP Maintenance Management	32154S		
Data Customization Model	32272S		
Using HP MM: Standard Product Costing	32278TA*		
HP FA General Ledger	32313S		
HP FA Accounts Payable	32314S		
HP FA Allocator	32317S		
System Operation	32396S		
Using HP Materials Management	B2798S		
HP Production Cost Management	32921S		
Operations and Operational Customization	34011TA*		
Fundamentals of Data Customization	34012TA*		
Understanding Monitor's Tools/Troubleshooting	34013TA*		
Using HP Production Management	34016S		
Using HP Purchasing	34017S		
MM Detail Schedule	34034X		
HP FA Tools Training	35310S		
HP Financial Budgeting	35351S		
HP FA Accounts Receivable Condensed	50741S		

HP 3000 Applications: Office Automation

AdvanceMail User Training	H2127S		
HP DeskManager Administration	B2799S		
HP DeskManager New User	B2789S		
HP DeskManager Experienced User	B2790S		
HP DeskManager User	B2791S		
Advanced HP Desk Administration	50793A+005		
HP NewWave Office for MPE	32572S		
Information Access for Database Administration	32577S		

Networking

Description	Product No.	U.S. List Price	
		At HP	On-Site
Message Handling-X.400	B1797A*		
Multivendor Network Seminar	B2784S		
HP OpenView DTC Manager and OpenView DTC/X.25 iX Fundamentals	B2800S		
OSI Overview: Arch, Tech, and Standards	H2521A*		
OSF Distributed Management Environment	H5154S		
HP NS3000 Services and Link Configuration	22814S		
Network Fundamentals	22853A*		
Introduction to Data Communications	35051S		
Local Area Networks Seminar	50747S		
Wide Area Networks Seminar	50748S		
Network Management Seminar	50749S		
Approaches to Network Design Seminar	50750S		
X.25 Packet Switching Network	50752S		
TCP/IP and LAN Fundamentals	B2969S		

Languages

Pascal Programming	31112S		
Pascal Advanced and System Programming	31113S		
ANSI C Programming	35130S		
Programming in FORTRAN 77	50698S		

Open Systems

Open Systems Concepts and Capabilities Seminar	H5125S		
Client-Server Concepts and Capabilities Seminar	B2958S		
Information Technology Standards in Open Systems Seminar	H5275S		
Hands-on with Open Client-Server Technologies Workshop	H5286S		
Security in Open Systems Seminar	B2959S		

OSF

OSF Distributed Computing Environment Application Programming	H5097S		
OSF/DCE Application Programming Seminar	H5271S		
OSF Distributed Management Environment	H5154S		

Professional Services

HP Consulting Families

Description	Product No.	PRICE
HP Manufacturing and Finance Consulting	H2335A	
HP General Consulting	H2345A	
HP Network Consulting Services	H2355A	
HP Performance Consulting	H2365A	
HP Test and Measurement Productivity Assistance	H2375A	
HP Engineering Automation Consulting	H2385A	
HP Data Center and System Management Consulting	H2395A	
HP Information Management Consulting	H2405A	
HP Strategic Information Systems Service	H2410A	
HP Cooperative Computing Environment Consulting	H2415A	
HP Distributed Computing Consulting	H2425A	
HP Knowledge Worker Professional Services	H2435A	
HP TeamLine	H2465A	
HP Mainframe Alternative Professional Services	H2440A	

HP Manufacturing and Finance Consulting

HP Manufacturing and Finance Consulting	H2335A	
Q-STATS II ASSIST IA ITT and PIA	44672A+60A	

HP General Consulting

HP General Consulting	H2345A	
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HP Network Consulting

HP Network Consulting Services	H2355A	
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HP Performance Consulting

HP Performance Consulting	H2365A	
HP System Utilization Global Service	H2366A	
HP System Utilization Application Service	H2367A	
HP Snapshot/1000 System Performance Analysis	51483A	
HP Snapshot/1000 Data Deduction Report	51483R	

HP Test and Measurement Productivity Assistance

HP Test and Measurement Productivity Assistance	2375A	
System Startup Assistance	50629A	
Specialist Startup Assistance	50629B	
Standard Productivity Assistance	50629E	
Specialist Productivity Assistance	50629F	
Enhanced Productivity Assistance	50629G	
HP Information Technology Strategy Services	H2420A	

HP Engineering Automation Consulting

Description	Product No.	PRICE
HP Engineering Automation Consulting	H2385A	

HP Data Center and System Management Consulting

HP Data Center and System Management Consulting	H2395A	
HP 3000 Installation Management	35039A	
HP Safeguard - Data and System Protection	50764A	
HP Safeguard - Consulting for Additional System	50764A-001	
HP Security - Data System Security	50765A	
HP Security - Consulting for Additional System	50765A-001	
Disaster Recovery Planning Consulting	H5365A	
EDS Installation	74210A+42A	
PCDS Installation	74400A+42A	
AXE MU Installation	98595A+42A	
PE MU Installation	98597B+42A	
HP-UX BASIC Installation Service	98796A+42A	
SE Conversion ASSIST for Transform/3000	99942A	
HP Quickstart	B1673A	

HP Information Management Consulting

HP Information Management Consulting	H2405A	
HP Strategic Information Systems Services	H2410A	

HP Distributed Computing Consulting

HP Cooperative Computing Environment Consulting	2425A	
HP Knowledge Worker Professional Services	H2435A	
HP Office ASSIST	45945A+60A	
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