

HP 3000 Computer Systems



Price Guide

Feb 83

1.59 terminals etc

1.42 6% duty items

1.38 5% duty items Effective Sept., 1982

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Product Number	Description	Price	SMMC
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SYSTEM PROCESSOR UNITS -----

32440B	HP 3000 Series 44 System Processor Unit (60 Hz) Must order all ADCCs separately	\$ 69,900	\$ 314
	M01: Remote Support Service Credit	0	-65
015	200-240V/50 Hz single phase operation	0	0
022	Software on cartridge tape	0	0
32445A	HP 3000 Series 40 System Processor Unit (60 Hz) Must order all ADCCs separately	38,900	250
	M01: Remote Support Service Credit	0	-65
015	220-240V/50 Hz single phase operation	0	0
022	Software on Cartridge Tape	0	0
507	Expands memory to 1024 Kb	10,000	16
32446A	HP 3000 Series 40SX System (60 Hz) Must order all ADCCs separately. Includes 7911P disc drive with integrated cartridge tape unit.	42,100	320
	M01: Remote Support Service Credit	0	-65
012	Replace 7911P (27 Mb) with 7912P (64 Mb)	2,500	2
015	220-240V/50 Hz single phase operation	0	0
051	Software on 1600 bpi magnetic tape	0	0
507	Expand Memory to 1024 Kb	13,000	24
32460A	HP 3000 Series 64 System Processor Unit (60 Hz) Must order an ATP separately.	164,700	719
	M01: Remote Support Service Credit	0	-75
015	380V/50 Hz three phase operation	0	0
016	415V/50 Hz three phase operation	0	0
35030A	Power Line Conditioner (Series 30 and 40)	1,050	6

RE-MARKETED SYSTEMS -----

32412CR	HP 3000 Series 33R System (Re-Marketed) (60 Hz) includes 512 Kb, 2649E console, FOS on 1600 bpi tape. Must order all ADCCs and GICs separately.	11,725	307
015	Adds 50 Hz Operation	0	0
507	Expands memory to 1024 Kb	6,000	40
720	7920S Slave 50 Mb disc drive (Re-Marketed) with cables (60 Hz)	9,600	79
721	7920S Slave 50 Mb disc drive (Re-Marketed) with cables (50 Hz)	9,600	79
725	7925S Slave 120 Mb disc drive (Re-Marketed) with cables (60 Hz)	15,000	75
726	7925S Slave 120 Mb disc drive (Re-Marketed) with cables (50 Hz)	15,000	75
920	7920M Master 50 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (60 Hz)	12,925	123
921	7920M Master 50 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (50 Hz)	12,925	123

Product Number	Description	Price	SMMC
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925	7925M Master 120 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (60 Hz)	\$ 19,750	\$ 119
926	7925M Master 120 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (50 Hz)	19,750	119
970	7970E 1600 bpi tape drive HP-IB master in upright cabinet (110 VAC)	9,880	139
971	7970E 1600 bpi tape drive HP-IB master in upright cabinet (230 VAC)	9,880	139
32430CR	HP 3000 Series 30R System (Re-Marketed) (60 Hz) includes 512 Kb, 2649E console, FOS on 1600 bpi tape. Must order all ADCCs and GICs separately.	11,225	296
015	Adds 50 Hz Operation	0	0
507	Expands memory to 1024 Kb	6,000	40
720	7920S Slave 50 Mb disc drive (Re-Marketed) with cables (60 Hz)	9,600	79
721	7920S Slave 50 Mb disc drive (Re-Marketed) with cables (50 Hz)	9,600	79
725	7925S Slave 120 Mb disc drive (Re-Marketed) with cables (60 Hz)	15,000	75
726	7925S Slave 120 Mb disc drive (Re-Marketed) with cables (50 Hz)	15,000	75
920	7920M Master 50 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (60 Hz)	12,925	123
921	7920M Master 50 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (50 Hz)	12,925	123
925	7925M Master 120 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (60 Hz)	19,750	119
926	7925M Master 120 Mb disc drive (Re-Marketed) with HP-IB interface and 2 m cable (50 Hz)	19,750	119
970	7970E 1600 bpi tape drive HP-IB master in upright cabinet (110 VAC)	9,880	139
971	7970E 1600 bpi tape drive HP-IB master in upright cabinet (230 VAC)	9,880	139
32435BR	HP 3000 Series IIIR System (Re-Marketed) includes 512 Kb, 1 ATC, with Bell 103, 202T, and 212 modem support, and FOS on 1600 bpi tape	33,000	498
008	Software on 800 bpi tape	0	0
010	INP Board	3,300	43
015	Adds 50 Hz Operation	0	0
032	Additional ATC	2,200	15
033	Additional ATC (with modem control)	3,100	18
055	SSLC Board	1,250	19
209	Line Printer Controller	950	6
215	Additional Magnetic Tape Controller	1,975	17
507	Expands memory to 1024 Kb	7,000	50
509	Expands memory to 1524 Kb	14,000	108
511	Expands memory to 2048 Kb	21,000	158

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Product Number	Description	Price	SMMC
720	7920S Slave 50 Mb disc drive (Re-Marketed) with cables (60 Hz)	\$ 9,600	\$ 79
721	7920S Slave 50 Mb disc drive (Re-Marketed) with cables (50 Hz)	9,600	79
725	7925S Slave 120 Mb disc drive (Re-Marketed) with cables (60 Hz)	15,000	75
726	7925S Slave 120 Mb disc drive (Re-Marketed) with cables (50 Hz)	15,000	75
820	7920M Master 50 Mb disc drive (Re-Marketed) with cables (60 Hz)	11,925	119
821	7920M Master 50 Mb disc drive (Re-Marketed) with cables (50 Hz)	11,925	119
825	7925M Master 120 Mb disc drive (Re-Marketed) with cables (60 Hz)	18,750	115
826	7925M Master 120 Mb disc drive (Re-Marketed) with cables (50 Hz)	18,750	115
870	7970E 1600 bpi tape drive in new upright cabinet (110 VAC)	9,400	100
871	7970E 1600 bpi tape drive in new upright cabinet (230 VAC)	9,400	100

I/O EXPANSION -----

30018A	Asynchronous Data Communications Controller (ADCC) - Main	1,680	10
030	Series 30 internal cable	0	0
033	Series 33 internal cable	0	0
040	Series 40 internal cable	0	0
044	Series 44 internal cable	0	0
30019A	Asynchronous Data Communications Controller (ADCC) - Extender	1,680	10
030	Series 30 internal cable	0	0
033	Series 33 internal cable	0	0
040	Series 40 internal cable	0	0
044	Series 44 internal cable	0	0
30079A	General I/O Channel (GIC)	1,890	13
030	Series 30 internal cable	0	0
033	Series 33 internal cable	0	0
040	Series 40 internal cable	0	0
044	Series 44 internal cable	0	0
064	Series 64 internal cable	0	0
30087A	HP 3000 Series 44 I/O Expansion Kit	8,930	26
30143A	I/O Adapter Module for Series 64	10,000	34

Note: Advanced Terminal Processor (DSN/ATP) consists of an SIB (30144A) and Port Controller (30145A or 30155A)

Product Number	Description	Price	SMMC
30144A	DSN/ATP System Interface Board (SIB)	\$ 3,120	\$ 15
30145A	DSN/ATP Direct Connect Port Controller	6,480	28
001	First Port Controller on Series 64	-250	0
002	Replace 4 RS-422 ports with 4 RS-232 ports	0	0
30155A	DSN/ATP Modem Port Controller	8,010	34
001	First Port Controller on Series 64	-250	0

MEMORY EXPANSION -----

30092A	512 Kb Memory Module for Series 4x	10,500	16
30094A	Add-on Series 44 Memory Controller	1,575	11
30142A	1 Mb Memory Module for Series 64	16,000	75
30161A	1 Mb Memory Module for Series 4x	16,000	32
30171A	256 Kb Memory Module for Series 40	5,250	8

DISC DRIVES -----

7906M	Master 20 Mb Cartridge Disc Drive	17,000	142
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,175	4
7906S	Add-on 20 Mb Disc Drive	13,000	102
015	220V/50 Hz single phase operation	0	0
7911P	28 Mb Disc Drive with Cartridge Tape Drive and One Controller w/1 m HP-IB Cable	14,500	54
001*	Adds second controller	1,800	24
015	220V/50 Hz single phase operation	0	0
140	Deletes Cartridge Tape Drive	-2,000	-11
7912P	65 Mb Disc Drive with Cartridge Tape Drive and One Controller w/1 m HP-IB Cable	17,000	56
001*	Adds second controller	1,800	24
015	220V/50 Hz single phase operation	0	0
140	Deletes Cartridge Tape Drive	-2,000	-11

*Required for use on MPE based systems.

7920M	Master 50 Mb Disc Drive	19,000	119
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,175	4
7920S	Add-on 50 Mb Disc Drive	15,000	79
015	220V/50 Hz single phase operation	0	0

Product Number	Description	Price	SMMC
7925M	Master 120 Mb Disc Drive	\$ 22,050	\$ 115
015	220V/50 Hz single phase operation	0	0
102	HP-IB interface and 2 m cable	1,175	4
7925S	Add-on 120 Mb Disc Drive	17,850	75
015	220V/50 Hz single phase operation	0	0
250	Disc Controller Upgrade	525	0
7925T	Add-On 240 Mb Disc Storage System	31,450	150
015	220V/50 Hz single phase operation	0	0
7933H	404 Mb Fixed Media Disc Drive, Standard Operating Voltage is 208V w/1 m HP-IB Cable	26,150	80
120	120V/50 Hz/60 Hz	0	0
220	220V/60 Hz for Canada	0	0
221	220V/50 Hz for Continental Europe	0	0
222	220V/50 Hz for Switzerland	0	0
223	220V/50 Hz for Denmark	0	0
241	240V/50 Hz for United Kingdom	0	0
242	240V/50 Hz for Australia and New Zealand	0	0
7933G	1.2 Gb Storage System, consists of three 7933H, 404 Mb disc drives each with media, controller, power supply, and 1 m HP-IB cable	69,950	240
120	120V/50 Hz/60 Hz	0	0
220	220V/60 Hz for Canada	0	0
221	220V/50 Hz for Continental Europe	0	0
222	220V/50 Hz for Switzerland	0	0
223	220V/50 Hz for Denmark	0	0
241	240V/50 Hz for United Kingdom	0	0
242	240V/50 Hz for Australia and New Zealand	0	0
9895A	Flexible Disc System	5,830	84
	Must order options 010 and 333.		
001	50 Hz operation	0	0
010	Single drive system (1.2 Mb)	-1,330	-36
068	Twenty flexible discs (HP 92195A media)	190	N/A
333	HP-IB two meter cable	79	0
92195A	Box of ten (10) double-sided, double-density, 8 inch discs for 9895A	105	N/A
12940A	Disc Cartridge for 7906M/S	190	N/A
88140S	7911/7912 16.7 Mb Tape Cartridge	125	N/A
88140L	7911/7912 67.1 Mb Tape Cartridge	160	N/A
13394A	7920M/S Disc Pack	550	N/A
13356A	7925M/S Disc Pack	895	N/A
13394R	7920M/S Refurbished Disc Pack	370	N/A
13356R	7925M/S Refurbished Disc Pack	580	N/A

Product Number	Description	Price	SMMC
MAGNETIC TAPE DRIVES AND CONTROLLERS -----			
30215AR	Magnetic Tape Controller. Interfaces fifth through eighth 7970B or 7970E magnetic tape drives with 300 level options. (Re-Marketed)	\$ 2,700	\$ 17
7971A	Mag Tape Drive Subsystem in Upright Cabinet	11,000	0
The following options apply to the S/30,33,40,44 and 64)			
330	7970E slave	1,900	93
333	Two 7970E slaves	12,300	183
340	7970E Master HP-IB	5,000	139
343	One 7970E HP-IB master and one 7970E slave	14,300	229
344	Two 7970E HP-IB masters (Series 44 and 64 only)	16,400	275
The following options apply to the Series III:			
410	7970B add-on unit	2,000	89
411	Two 7970B add-on units	12,600	175
420	7970E master add-on	3,700	100
422	Two 7970E master add-ons	14,400	197
423	One 7970E master and slave, add-ons	13,300	190
430	7970E slave	1,900	93
433	Two 7970E slaves	12,300	183
470	7970E master, initial unit	3,500	100
472	Two 7970E masters, initial units	14,200	197
473	One 7970E master and one 7970E slave	13,200	190
480	7970B, initial unit	1,900	89
481	Two 7970B initial units	12,500	175
482	One 7970B initial unit and one 7970E master add-on	13,300	186
7970B	800 bpi 45 ips Tape Drive	8,260	86
015	230V operation	0	0
320	Option for add-on drives in lo-boy cabinet	3,740	3
324	Option for first drive on a 30215A controller in lo-boy cabinet	3,640	3
330	Option for add-on drives without cabinet	1,100	0
334	Option for first drive on a 30215A controller without cabinet	1,340	0
7970E	1600 bpi 45 ips Tape Drive	9,980	97
015	230V operation	0	0
320	Option for 2nd, 3rd, and 4th master drive in lo-boy cabinet	3,720	3
321	Option for 1st, 2nd, and 3rd slave drive in lo-boy cabinet	1,920	-7
324	Option for first master drive on a 30215A controller in lo-boy cabinet	3,520	3
330	Option for 2nd, 3rd, and 4th master drive without cabinet	1,320	0
331	Option for 1st, 2nd, and 3rd slave drive without cabinet	295	-7

Product Number	Description	Price	SMMC
421	Specifies Slave drive in lo-boy cabinet	\$ 1,920	\$ 3
426	Specifies HP-IB master drive in lo-boy cabinet	5,020	42
431	Specifies Slave drive without cabinet	295	-7
436	Specifies HP-IB master drive without cabinet	2,270	39
7976A	High speed 6250 bpi/1600 bpi Tape System	52,250	586
010	For oper. at altitudes from 2500-6500 ft.	0	0
011	50 Hz operation	1,800	0
015	220 V operation	0	0
016	100 V operation	0	0
017	240 V operation	0	0
316	Tape drive subsystem for Series III	0	0
416	Tape drive subsystem for Series 30, 33 and 40	0	0
516	Tape drive subsystem for Series 44	0	0
616	Tape drive subsystem for Series 64	0	0
26075A	Multiple System Access Selector	550	6
PRINTERS AND CONTROLLERS -----			
Options 301, 302, 344, and 364 for 2617/19A provide a 26069A interface; do not order 26069A separately.			
26069A	2617/19A Line Printer Interface for Series 3x, 4x, and 64. Must order one of the following options.	2,415	22
301	Cable set for Series 30	685	0
302	Cable set for Series 33	685	0
340	Cable set for Series 40	685	0
344	Cable set for Series 44	685	0
364	Cable set for Series 64	685	0
30209AR	Line Printer Controller to interface 2608A, 2613A, 2617A, and 2619A line printers with option 300. (Re-Marketed)	1,275	6
2601A	40 cps Daisy-Wheel Printer	3,950	67
015	220V operation	0	0
016	100V operation	0	0
017	240V operation	0	0
242	Replaces standard modem cable with 13242G for 262x terminals	0	0
26010A	Bi-directional forms tractors for 2601A	550	0
2608A	400 lpm Printer (1-69 print hrs/month)	11,600	109
	U02: 70-130 print hours per month		+26
	U03: 131-360 print hours per month		+106
001	Language option	160	0
002	Substitution option	160	0
015	220V/50 Hz single phase operation	0	0
016	100V/50 Hz single phase operation	0	0
017	240V/50 Hz single phase operation	0	0
106	Six-Pack Ribbon Starter Kit	140	0

Product Number	Description	Price	SMMC
110	Sound cover	\$ 260	\$ 0
300	HP 3000 Series II and III interface	600	0
333	HP-IB interface and 2 m cable for S/3x	1,000	0
340	HP-IB interface and 2 m cable for S/40	1,000	0
344	HP-IB interface and 2 m cable for S/44	1,000	0
364	HP-IB interface and 2 m cable for S/64	1,000	0
715	Service Documentation	37	0
2608S	400 lpm Printer (1-69 print hrs/month)	10,900	90
	U02: 70-130 print hours per month		+22
	U03: 131-360 print hours per month		+88
001	Character Set	160	0
002	Character Set	160	0
003	Character Set	160	0
015	220V/50 Hz single phase operation	0	0
016	100V/50 Hz single phase operation	0	0
017	240V/50 Hz single phase operation	0	0
055	HP 3000 Multipoint I/O Subsystem	850	0
068	6-Pack Ribbon Starter Kit	140	0
110	Sound Cover/Static Suppressor	260	0
113	Cabinet replaces pedestal stand	300	0
115	Passive stacker for pedestal stand	325	0
116	Passive stacker for cabinet stand	325	0
333	HP-IB interface and 4 m cable for S/3x	1,000	0
340	HP-IB interface and 4 m cable for S/40	1,000	0
344	HP-IB interface and 4 m cable for S/44	1,000	0
364	HP-IB interface and 4 m cable for S/64	1,000	0
715	Service Documentation	37	0
26001S	Character Sets	250	0
001	Character Sets Upgrade	0	0
002	Character Sets Upgrade	0	0
003	Character Sets Upgrade	0	0
26002S	HP-IB Upgrade Kit	650	0
050	Multipoint I/O Upgrade Kit	50	0
26004S	Sound Abatement Cover	260	0
26007S	Passive stacker for pedestal stand	325	0
116	Passive stacker for cabinet stand	0	0
2611A	600 lpm Printer (1-66 print hours per month)	18,110	303
	U02: 67-99 print hours per month		+144
	U03: 100-132 print hours per month		+324
	U04: 133-165 print hours per month		+566
001	96 character set; 750 lpm	1,420	0
002	64 character set with OCR-B font	685	0
003	96 character set with OCR-B font	2,100	0
015	230V/50 Hz single phase operation	0	0
016	100V/50 Hz single phase operation	0	0
017	230V/60 Hz single phase operation	0	0
	(See below for options 300, 301, 302, 340, 344, 364)		

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For a firm quotation, contact your Hewlett-Packard Sales Representative.

Product Number	Description	Price	SMMC
2617A	600 lpm Printer(1-50 print hrs/month)	\$ 19,980	\$ 278
	U02: 51-100 print hours per month		+69
	U03: 101-150 print hours per month		+202
001	96 character; 436 lpm	1,945	0
002	64 character set with OCR-B font	0	0
003	96 character set with OCR-B font	1,945	0
015	220V/50 Hz single phase operation	0	0
	(See below for options 300,301,302,340,344,364)		
2619A	1000 lpm Printer (1-66 print hrs/month)	25,730	363
	U02: 67-99 print hours per month		+173
	U03: 100-132 print hours per month		+389
	U04: 133-165 print hours per month		+681
001	96 character set; 750 lpm	1,420	0
002	64 character set with OCR-B font	685	0
003	96 character set with OCR-B font	2,100	0
015	230V/50 Hz single phase operation	0	0
016	100V/50 Hz single phase operation	0	0
017	230V/60 Hz single phase operation	0	0
	(See below for options 300,301,302,340,344,364)		
One of the following options must be ordered			
300	HP 3000 Series II and III interface	1,000	0
301	Series 30 HP-IB interface and cable	2,470	22
302	Series 33 HP-IB interface and cable	2,470	22
340	Series 40 HP-IB interface and cable	2,470	22
344	Series 44 HP-IB interface and cable	2,470	22
364	Series 64 HP-IB interface and cable	2,470	22
2631B	180 cps Dot Matrix Printer (must order option 240 or 331, or 242)	3,900	39
015	220V operation	0	0
016	100V operation	0	0
017	240V operation	0	0
046	Replaces standard interface with HP-IB	50	0
050	Parallel Differential Interface	-65	0
051	RS-232 Edge Connector	65	0
058	Three-Pack Ribbon Starter Kit	60	N/A
240	Provides terminal board, cable for 264x terminals	105	0
242	Replaces standard modem cable with 13242G for 262x terminals	0	0
250	For use with HP 250 HP-IB and 2 m cable	125	0
331	RS-232-C Remote Spooled Printer Capability (with 3.8 m cable)	0	0
2631G	Graphics Printer	4,900	45
015	220V operation	0	0
016	100V operation	0	0
017	240V operation	0	0
200	Bar Code Printer	600	-9

Note: Multi-lingual language options are available for 2631B and 2631G. See printed data sheets for details.

Product Number	Description	Price	SMMC
13242G	RS-232-C Cable for connecting 2631B to 262x terminals (male/male, 5 m)	\$ 68	\$ 0
13242H	RS-232-C Cable for connecting 2631B to 262x terminals (male/female, 5 m)	68	0
26090A	Sound abatement cover for 2631B or 2635B	105	N/A
26097A	Pedestal Stand with casters for 2631B or 2635B (includes paper catcher)	343	N/A

INTELLIGENT PAGE PRINTER

2680A	Intelligent Page Printer	90,500	769
	Includes 125,000 rotations		
	U02: 125,001 to 200,000 rotations		+ 525
	U03: 200,001 to 275,000 rotations		+ 1,025
	U04: 275,001 to 350,000 rotations		+ 1,500
015	208-240V/50 Hz operation	0	0
060	Graphics/Extended Memory Management	2,500	0
099	Replaces 8 m cable with 2 m cable	0	0
300	Series III cable, documentation	1,500	0
301	Series 30 cable, documentation	1,500	0
302	Series 33 cable, documentation	1,500	0
340	Series 40 cable, documentation	1,500	0
344	Series 44 cable, documentation	1,500	0
364	Series 64 cable, documentation	1,500	0
505	Add-on 256 Kb memory module	5,250	8
520	One Mb Memory (Deletes std. 256 Kb)	10,750	24
521	One Mb Memory Addition	16,000	32
26080A	Add-on 256 Kb memory module for 2680A	5,250	8
26085A	Add-on 1 Mb memory for the 2680A	16,000	32
26086A	Add-on graphics extender memory management for the 2680A	3,600	0
26804A	2685 Model 40 Print Station	163,000	1,266
	Includes 125,000 rotations		
	U02: 125,001 to 200,000 rotations		+ 525
	U03: 200,001 to 275,000 rotations		+ 1,025
	U04: 275,001 to 350,000 rotations		+ 1,500
015	220V/50 Hz single phase operation	250	0
017	240V/50 Hz single phase operation	250	0
030	Adds COBOL/II compiler	2,050	0
031	Adds FORTRAN compiler	2,050	0
040	Deletes 64 Mb disc and adds 404 Mb disc for U.S. 120V/60 Hz	13,150	24
042	Expands disc capacity to 404 Mb disc for U.S. and Canada 240V/60 Hz	13,150	24
043	Expands disc capacity to 404 Mb disc for continental Europe 220V/50 Hz	13,150	24
044	Expands disc capacity to 404 Mb disc for Switzerland 220V/50 Hz	13,150	24

Product Number	Description	Price	SMMC
045	Expands disc capacity to 404 Mb disc for Denmark 220V/50 Hz	\$ 13,150	\$ 24
046	Expands disc capacity to 404 Mb disc for United Kingdom 220V/50 Hz	13,150	24
050	Expands disc capacity to 120 Mb disc 120V/60 Hz	10,225	74
051	Expands disc capacity to 120 Mb disc 120V/50 Hz	10,225	74
060	Graphics/extended memory management	2,500	0
065	Graphics software interface	6,000	0
074	Deletes 7971A and adds 7976A, 120V/60 Hz	37,125	447
075	Deletes 7971A and adds 7976A, 220V/50 Hz	37,125	447
076	Deletes 7971A and adds 7976A, 240V/50 Hz	37,125	447
077	Deletes 7971A and adds 7976A, 120V/60 Hz	37,125	447
078	Deletes 7971A and adds 7976A, 220V/50 Hz	37,125	447
079	Deletes 7971A and adds 7976A, 240V/50 Hz	37,125	447
080	Add 2680A and GIC, 240V/60 Hz	93,890	782
081	Add 2680A and GIC, 240V/50 Hz	93,890	782
098	Delete 1600 bpi magnetic tape unit and replace with cartridge tape unit on the 7912P	-10,000	-128
099	Delete design and formatting software and graphics terminal	-10,000	-41
505	256 Kb memory extension	5,250	0
520	One Mb memory (Deletes std. 256 Kb)	10,750	24
521	One Mb memory addition	16,000	32

GRAPHICS PLOTTERS -----

7220C	Graphics Plotter	5,800	61
001	Expanded Buffer Memory	225	0
7220T	Graphics Plotter, with automatic paper advance	7,900	70
001	Expanded Buffer Memory	225	0
7221C	Graphics Plotter	5,800	61
001	Expanded Buffer Memory	225	0
7221T	Graphics Plotter, with automatic paper advance	7,900	70
001	Expanded Buffer Memory	225	0
7240A	RS-232-C Plotter/Printer	6,600	64
7245B	Plotter/Printer	6,600	64
7470A	Graphics Plotter	1,550	24
001	RS-232-C interface	0	0
002	HP-IB Interface	0	0
016	Dual I/O Cable	100	0
7580A	Drafting Plotter	15,950	108
001	RS-232-C Interface	0	0
002	HP-IB Interface	0	0

Product Number	Description	Price	SMMC
7585A	Drafting Plotter	\$ 22,750	\$ 108
001	RS-232-C Interface	0	0
002	HP-IB Interface	0	0
9872C	Graphics Plotter	5,800	61
9872T	Graphics Plotter, with automatic paper advance	7,900	70

DIGITIZERS -----

9111A	Graphics Tablet	2,250	16
9874	Digitizer*	12,000	54

* Basic Monthly Maintenance Charge (BMMC) is listed for digitizers instead of the Standard Monthly Maintenance Charge (SMMC).

INTERACTIVE DISPLAY TERMINALS -----

2382A	Office Display Terminal	1,700	20
001	Swedish/Finnish character set/keyboard	80	0
002	Norwegian/Danish character set/keyboard	80	0
003	French character set/keyboard	80	0
004	German character set/keyboard	80	0
005	United Kingdom character set/keyboard	80	0
006	Spanish character set/keyboard	80	0
013	240V/50 Hz operation	0	0
014	100V/60 Hz operation	0	0
015	220V/50 Hz operation	0	0
016	100V/50 Hz operation	0	0
202	Line Drawing Character Set	80	0
2621B	Character Mode Terminal	1,595	28
010	U.S. ASCII set/keyboard with national character set firmware	105	0
015	220V/50 Hz operation	0	0
001	Finnish/Swedish character set/keyboard	105	0
002	Danish/Norwegian character set/keyboard	105	0
003	French character set/keyboard	105	0
004	German character set/keyboard	105	0
005	U.K. character set/keyboard	105	0
006	Spanish character set/keyboard	105	0
050	Integral Thermal Printer	1,270	16
061	Green CRT	50	0
090	Delete Pedestal	0	0
100	U.S. ASCII extended keyboard	150	0
101	Finnish/Swedish extended keyboard	150	0
102	Dannish/Norwegian extended keyboard	150	0
103	French extended keyboard	150	0
104	German extended keyboard	150	0
105	United Kingdom extended keyboard	150	0
106	Spanish extended keyboard	150	0

Product Number	Description	Price	SMMC
110	U.S. ASCII extended keyboard with national character set firmware	\$ 150	\$ 0
2622A	Block Mode Terminal	2,175	30
035	RS422 for DSN/ATP	125	0
061	Green CRT	50	0
202	Line Drawing Character Set	105	0
2623A	Graphics Terminal	3,750	47
035	RS422 for DSN/ATP	125	0
061	Green CRT	50	0
202	Line Drawing Character Set	105	0
2624B	Data Entry Terminal	3,000	33
035	RS422 for DSN/ATP	125	0
061	Green CRT	50	0
160	Additional Display Memory	210	0
201	Math and Large Character Set	105	0
The following options apply to the 2622A, 2623A, and the 2624B:			
001	Finnish/Swedish character set/keyboard	105	0
002	Danish/Norwegian character set/keyboard	105	0
003	French character set/keyboard	105	0
004	German character set/keyboard	105	0
005	United Kingdom character set/keyboard	105	0
006	Spanish character set/keyboard	105	0
013	240V/50 Hz operation (except 2621P/B)	0	0
014	100V/60 Hz operation (except 2621P/B)	0	0
015	220V/50 Hz operation (except 2621P/B)	0	0
016	100V/50 Hz operation (except 2621P/B)	0	0
050	Integrated forms copy thermal printer	1,210	16
090	Delete Pedestal and Fan	0	0
301	U.S. Modem Cable, Male, Same as HP 13222N	79	0
302	European Modem Cable, Male, Same as HP 13222M	79	0
303	RS-232-C Cable, Female, Same as 13222C	53	0
304	HP Direct Connect RS-232 Cable, Male, Same as 13222X	79	0
305	RS-232-C EMP Protect Cable, Male, Same as 13222Y	53	0
306	HP Direct Connect RS-422 Cable, Male, Same as 13222P	79	0
2626A	Display Station. 110V/60 Hz	4,350	41
061	Green CRT	50	0
090	Delete Pedestal and Fan	0	0
201	Math and Large Character Set (included with language options)	265	0
2626W	Word Processing Station	4,950	55
The following options apply to the 2626A and 2626W:			
001	Finnish/Swedish character set/keyboard	265	0
002	Danish/Norwegian character set/keyboard	265	0
003	French character set/keyboard	265	0
004	German character set/keyboard	265	0

Product Number	Description	Price	SMMC
005	United Kingdom character set/keyboard	\$ 265	\$ 0
006	Spanish character set/keyboard	265	0
013	240V/50 Hz operation	0	0
014	100V/60 Hz operation	0	0
015	220V/50 Hz operation	0	0
016	100V/50 Hz operation	0	0
035	RS422 for DSN/ATP	125	0
050	Integral Thermal Printer	1,210	16
061	Green CRT	50	0
301	U.S. Modem Cable, Male, Same as HP 13222N	79	0
302	European Modem Cable, Male, Same as HP 13222M	79	0
303	RS-232-C Cable, Female, Same as 13222C	53	0
304	HP Direct Connect RS-232 Cable, Male, Same as 13222X	79	0
305	RS-232-C EMP Protect Cable, Male, Same as 13222Y	53	0
306	HP Direct Connect RS-422 Cable, Male, Same as 13222P	79	0
2641A	APL Display Station	5,800	34
201	Math Character Set	105	0
202	Line Drawing Set	160	0
203	Large Character Set	160	0
2645A	Display Station	4,550	34
008	Expands memory to 8 Kb	315	0
009	Expands memory to 12 Kb	525	0
061	Device Support Firmware	180	0
2645N	Danish/Norwegian Display Station	4,850	33
2645R	Arabic Display Station	5,700	44
201	Math Character Set	105	0
202	Line Drawing Set	160	0
203	Large Character Set	160	0
2645S	Swedish/Finnish Display Station	4,850	33
2647F	Intelligent Graphics Terminal	9,950	89
035	Direct Conn. Type 422 Output for use with DSN/ATP	125	0
072	Second Flexible Mini Disc Drive	1,050	0
890	Series 64 Console	-1,750	0
2648A	Graphics Terminal	7,100	41
096	Shared Peripheral Interface	735	0
2649E	System/maintenance console for Series 30 or Series 33 (includes cables)	7,250	53
015	230V/50 Hz operation	0	0

Product Number	Description	Price	SMMC
The following options and products apply to 2641A, 2645A/N/R/S, 2647F, and 2648A except as noted:			
003	Display Enhancements (except 2641A, 2645N/R/S, 2647F)	\$ 325	\$ 0
004	Display Enhancements with Math and Large Character Sets (except 2641A, 2645N/R/S, 2647F)	525	0
007	Integrated dual cartridge tapes (except 2647F)	1,400	12
015	230V/50 Hz	0	0
016	115V/50 Hz (except 2641A, 2645N/R/S)	0	0
033	Delete communications interface; add asynchronous multipoint communication capability; includes monitor mode (except 2647F)	265	0
034	Delete communications interface; add synchronous multipoint communications capability; includes monitor mode (except 2647F)	290	0
035	RS422 for DSN/ATP (except 2641A, 2645N/R/S)	125	0
054	Video Output Interface (except 2641A and 2645N/R/S)	160	0
301	U.S. Modem Cable, Male, Same as HP 13222N	89	0
302	European Modem Cable, Male, Same as HP 13222M	89	0
303	RS-232-C Cable, Female, Same as 13222C	53	0
304	HP Direct Connect RS-232 Cable, Male, Same as 13222X	79	0
305	RS-232-C EMP Protect Cable, Male, Same as 13222Y	74	0
306	HP Direct Connect RS-422 Cable, Male, Same as 13222P	79	0
307	Current Loop Connector Kit	79	0
2703A	High Performance Color Graphics Terminal	19,900	160
001	Finnish/Swedish character set/keyboard	0	0
002	Norwegian/Danish character set/keyboard	0	0
003	French character set/keyboard	0	0
004	German character set/keyboard	0	0
005	United Kingdom character set/keyboard	0	0
006	Spanish character set/keyboard	0	0
013	240V/50 Hz operation	0	0
014	100V/60 Hz operation	0	0
015	220V/50 Hz operation	0	0
016	100V/50 Hz operation	0	0
054	RGB video output interface	1,150	0
072	Dual integral flexible mini-discs	2,200	0
096	Shared peripheral interface	1,250	0
164	Application memory 128 Kb	1,250	0
165	Application memory 256 Kb	1,850	0
174	Increases vector memory by 64 Kb	300	0
175	Increases vector memory by 192 Kb	1,150	0
176	Increases vector memory by 448 Kb	2,650	0
177	Increases vector memory by 960 Kb	5,500	0
186	Double buffered graphics memory	1,350	0

Product Number	Description	Price	SMMC
301	U.S. Modem Cable, Male, Same as HP 13222N	\$ 79	\$ 0
302	European Modem Cable, Male, Same as HP 13222M	79	0
303	RS-232-C Cable, Female, Same as 13222C	53	0
304	HP Direct Connect RS-232 Cable, Male, Same as 13222X	79	0
305	RS-232-C EMP Protect Cable, Male, Same as 13222Y	53	0
306	HP Direct Connect RS-422 Cable, Male, Same as 13222P	79	0
555	Model 55 Technical Design Terminal	4,100	0
560	Model 60 Decision Support Workstation	4,100	0
565	Model 65 Presentation Graphics Workstation	8,100	0

PRINTING TERMINALS -----

2635B	180 cps Printing Terminal	4,300	41
001	Finnish/Swedish keyboard	100	0
002	Danish/Norwegian keyboard	100	0
003	French keyboard	100	0
004	German keyboard	100	0
005	United Kingdom keyboard	100	0
006	Spanish keyboard	100	0
015	220V operation	0	0
051	RS-232 Edge Connector	65	0
068	Ribbon Kit	60	N/A
715	Add service documentation	25	N/A
26090A	Sound abatement cover for 2631B or 2635B	105	N/A
26097A	Pedestal Stand with casters for 2631B or 2635B (includes paper catcher)	343	0

DATA COLLECTION TERMINALS -----

3075A	Desk Top Data Capture Terminal	2,710	54
3076A	Wall Mounted Data Capture Terminal	3,195	54

The following options apply to 3075A and 3076A:

004	Alphanumeric keyboard	270	0
005	Alphanumeric display	570	0
006	5-inch CRT	985	17
007	Multifunction reader	985	46
008	Type V badge reader	570	26
009	Alphanumeric printer	570	35
010	General Purpose Bar Code Reader	640	12
011	Auxiliary HP-IB Port	805	9
012	Magnetic Stripe Reader	690	13
013	RS-232-C Auxiliary Interface	570	7
015	220V/240V operation	0	0
021	Delete reference manual	-50	N/A
054	Low resolution industrial bar code reader	1,030	11
055	High resolution industrial bar code reader	1,030	11

Product Number	Description	Price	SMMC
3077A	Time Reporting Terminal	\$ 3,605	\$ 61
001	Replace Type V Reader with Multifunction Reader	460	0
002	Replace Type V Reader with Magnetic Stripe Reader	115	0
005	Alphanumeric Display	635	4
015	220V/240V operation	0	0
021	Delete Reference Manual	-50	N/A
7260A	Optical Mark Reader	8,450	146
002	Select Hopper	460	0
003	Encoder	580	0
004	Bell	63	0
005	200/240V AC power operation	0	0
006	50 Hz operation	0	0
007	Wider input hopper for turn-around document	230	0
045	Provides operation with desk top computers	23	0
300	Adds operating documentation for HP 3000	11	N/A

TERMINAL ACCESSORIES/CABLES -----

13231A	Display Enhancements (except 2647F)	395	0
201	Math Symbols Alternate Character Set	105	0
203	Large Character Alternate Character Set	160	0
13234A	Terminal 4 K Memory Module (except 2647F)	315	0
13260E	RS422 for DSN/ATP (except 2641A, 2645N/R/S)	310	0
002	Deletes 45A Data Comm. Firmware/Keyboard Overlay	285	0
003	Data Comm. Firmware for 2648A	0	0
13261A	Device Support Firmware	180	0
001	Specifies 2641A	0	0
002	Specifies 2645R	0	0
003	Specifies 2648A	0	0
13266A	Current Loop Converter for 2x Series (except 21B)	195	2
13273A	Autoplot/2700 Software	1,250	0
13273C	Paintbrush/2700 Software	1,250	0
13273G	Double Buffered Graphics Memory	1,400	0
001	Connectors required for RGB Video Output Interface	50	0
13273H	Shared Peripheral Interface	1,300	0
13273M	RGB Video Output Interface	1,200	0
001	Connectors required for double buffered graphics memory	50	0

Product Number	Description	Price	SMMC
13273P	Application Memory 128 Kb	\$ 1,300	\$ 0
001	Application Memory 256 Kb	600	0
13273T	Data Tablet and Interface	2,200	0
13273V	Vector Memory 128 Kb	1,200	0
001	Vector Memory 256 Kb	600	0
13296A	Shared Peripheral Interface for 2648A Graphics Terminals	735	0

TERMINAL CABLES POINT-TO-POINT CONNECTIONS (262x AND 2382) ----

13222M	European Modem Cable, 5 m	79	0
13222N	U.S. Hardwired/Modem Cable, 5 m	79	0
13222P	HP Direct Connect Type 422 Cable (except 21B and 2382)	79	0
13222X	HP Direct Connect Type 232 Adapter Cable	79	0
13222Y	RS-232-C EMP Protect Cable	53	0
13242M	European Modem Cable for Port 2 of 2626A, 2624B, 2382A	79	0
13242N	U.S. Modem Cable for Port 2 of 2626A, 2624B, 2382A and for 2621B (U.S. and ICON only)	79	0
13242X	HP Direct Connect Type 232 Cable and for 2621B (U.S. and ICON only)	79	0
13242Y	EMP Protect Cable for Port 2 of 2626A, 2382A and for 2621B (U.S. and ICON only)	74	0
40242C	RFI Filter Extender Cable for 2621B	70	*
40242M	RFI Filter Modem Cable for 2621B	70	*
40242Z	RFI Filter Modem Bypass Cable for 2621B	70	*

* Contact your HP representative for price information.

Product Number	Description	Price	SMMC
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TERMINAL CABLES POINT-TO-POINT CONNECTIONS (264x) -----

13232A	Terminal Cable	\$ 53	\$ 0
13232I	HP Direct Connect Type 422 Cable (except 2641A, 2645N/R/S)	79	0
13232M	European Modem Cable	89	0
13232N	U.S. Modem Hardwired Cable	89	0
13232X	HP Direct Connect Type 232 Cable	79	0
13232Y	EMP Protect Cable (male)	74	0
13232Z	EMP Protect Cable (female)	74	0

TERMINAL EXTENDER CABLES POINT-TO-POINT CONNECTIONS -----

30062B	Data Set Cable	68	0
001	Replace 7.6 m cable with 15.2 m cable	32	0
30062C	Hardwired or Modem Extender Cable	110	0
001	Replaces 7.6 m cable with 15.2 m cable	42	0
002	Replaces 7.6 m cable with 30.5 m cable	100	0
30062D	Hardwire Extender 7.6 m (25 ft.) Cable	68	0
30062E	Cable Adapter	47	0
30153A	HP-Direct Connect 232 Extension Cable	200	0
30154A	HP-Direct Connect 422 Extension Cable	200	0

ADVANCED TERMINAL PROCESSOR ADAPTER CABLES -----

30152A	Adapter Cable, 3 pin to 25 pin	175	0
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MULTIPOINT TERMINAL COMMUNICATIONS PRODUCTS -----

3074A	Data Link Adapter	715	11
3074M	Data Link Adapter (for asynchronous modem configurations)	820	6
13260C	Asynchronous Multipoint Communications Interface for 264x terminals (except 2647F)	455	0
13260D	Synchronous Multipoint Communications Interface for 264x terminals (except 2647F)	475	0

Product Number	Description	Price	SMMC
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13264A	Data Link Adapter for 2626A/2624B terminal	\$ 350	\$ 3
13267A	Asynchronous Multipoint interface for first 2626A/2624B terminal	395	2
001	Synchronous Multipoint interface	0	0
13268A	Asynchronous Multipoint terminal interface for daisy chained 2626A/ 2624B terminals	395	3
001	Synchronous Multipoint interface	0	0
92901A	Data Link Junction Boxes (5)	60	0
92902A	Data Link Cable (Shielded twisted pair cable)	0	0
001	100 m cable	330	0
002	300 m cable	936	0
92905A	Device to Data Link Cable	121	0
92905P	Multipoint-to-data link cable	230	0
92906A	Multipoint cable with no connectors		
001	100 m cable	405	0
002	300 m cable	1,155	0
92908A	Data link testers	210	0
92909A	Data link test cable	135	0
13232P	Modem Multipoint Cable	120	0
13232Q	Multipoint Cable	125	0
13232R	Multipoint Extension Cable	125	0
13232T	Power Protect Multipoint Cable	195	0
13232U	Modem Bypass Cable	53	0

MODEMS AND LINE DRIVERS -----

37230A	Short-Haul Modem*	1,190	7
301	Rackmount Adapter	30	0
302	Dual Rackmount	50	0
13265A	300 BPS Modem Pod for 262x terminals	495	2
30037A	Asynchronous Repeater (AR)	1,190	7
015	230V operation	0	0
35016A	Remote Support Modem	1,100	17
39301A	Fiber Optic Multiplexer**	2,500	18
001	Recessed Rack Mount Hardware	30	0
210	100V/50 Hz Single Phase Operation	0	0
212	120V/60 Hz Single Phase Operation	0	0

Product Number	Description	Price	SMMC
222	220V/50 Hz Single Phase Operation	\$ 0	\$ 0
224	240V/50 Hz Single Phase Operation	0	0
301	Documentation for DSN/ATC Connection	0	0
302	Documentation for DSN/ADCC Connection	0	0
303	Documentation for DSN/ATP Connection	0	0

*May not be available outside of U.S.A. Consult your local HP Sales representative for availability.

**Must specify one power supply option and one documentation option

COMMUNICATIONS INTERFACES -----

30010A	Intelligent Network Processor (INP) for Series III	4,725	43
001	New I/O card cage backplane	395	N/A
30020B	Intelligent Network Processor (INP) for Series 3x,4x, or 64	4,200	53

FIBER OPTIC MULTIPLEXER CABLES-----

39200B	Fiber Optic Cable	4.50/meter	0
001	Factory installed connector set	180	0
8120-3569	Dual Channel Adapter Cable	102	0

HP-IB CABLES -----

10833A	HP-IB cable 1 m (3.3 ft)	70	0
10833B	HP-IB cable 2 m (6.56 ft)	75	0
10833C	HP-IB cable 4 m (13.12 ft)	85	0

INP CABLES -----

30221A	Synchronous Modem Cable for Series 3x,4x,64	370	0
30221B	Asynchronous Multipoint Cable for Series 3x,4x, or 64	370	0
30221D	High Speed Synchronous Modem Cable for Series 3x,4x, or 64	265	0
30221F	HP 3000 to HP 1000 Direct Connect Cable for Series 3x,4x, or 64	370	0

Product Number	Description	Price	SMMC
30221G	Auto Call Cable for Series 3x,4x, or 64	\$ 450	\$ 0
30221H	INP X.21 Cable	370	0
30222A	Synchronous Modem Cable for Series III	265	0
30222B	Asynchronous Multipoint Cable for Series III	265	0
30222D	High Speed Synchronous Modem Cable for Series III	265	0
30222F	HP 3000 to HP 1000 Direct Connect Cable for Series III	370	0
30222H	X.21 Cable for Series II and III	370	0
30224A	INP-to-INP Direct-Connect Cable for Series III	265	0
30224B	INP-to-INP Direct-Connect Cable for Series 3X, 4X, and 64	265	0
30224L	External Interconnect Cable	160	0
001	25 m cable	+53	0
002	50 m cable	+125	0
003	100 m cable	+265	0
004	250 m cable	+710	0
005	500 m cable	+1,420	0
006	1,000 m cable	+2,890	0
30225A	INP-to-SSLC Direct-Connect Cable for Series III	265	0
30225B	INP-to-SSLC Direct-Connect Cable for Series 3x,4x,64	330	0

COBOL II EXTENDED INSTRUCTION SETS -----

32234A	COBOL II Extended Instruction Set for Series II,III	700	0
32236A	COBOL II Extended Instruction Set for Series 30, 33 only	700	0

Product Number	Description	Price
LANGUAGES -----		
32233A	COBOL II/3000 Compiler	\$ 5,000
300	BASIC/RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,100
32233M	"Right-to-Copy" 32233A without sublicense	2,500
32233R	"Right-to-Copy" 32233A with sublicense	2,500
300	BASIC/RPG/300 Return Credit	- 630
301	SL/300 Return Credit	- 840
32213M	"Right-to-Copy" COBOL/3000 Compiler without sublicense	875
32213R	"Right-to-Copy" COBOL/3000 compiler with sublicense	875
32104A	RPG/3000 Compiler	3,000
300	BASIC/RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,100
32104M	"Right-to-Copy" 32104A without sublicense	1,500
32104R	"Right-to-Copy" 32104A with sublicense	1,500
300	BASIC/RPG/300 Return Credit	- 630
301	SL/300 Return Credit	- 840
32102B	FORTTRAN/3000 Compiler	2,050
300	BASIC/RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,050
32102M	"Right-to-Copy" 32102B without sublicense	1,025
32102R	"Right-to-Copy" 32102B with sublicense	1,025
300	BASIC/RPG/300 Return Credit	- 630
301	SL/300 Return Credit	- 840
32111A	BASIC/3000 Interpreter and Compiler	2,050
300	BASIC/RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,050
32111M	"Right-to-Copy" 32111A without sublicense	1,025
32111R	"Right-to-Copy" 32111A with sublicense	1,025
300	BASIC/RPG/300 Return Credit	-840
301	SL/300 Return Credit	-630
32105A	APL/3000 Language Subsystem	6,750
32105M	"Right-to-Copy" 32105A without sublicense	3,375
32105R	"Right-to-Copy" 32105A with sublicense	3,375

Product Number	Description	Price
32106A	Pascal/3000 Compiler	\$ 5,000
300	BASIC/RPG/300 Return Credit	-1,575
301	SL/300 Return Credit	-2,100
32106M	"Right-to-Copy" 32106A without sublicense	2,500
32106R	"Right-to-Copy" 32106A with sublicense	2,500
300	BASIC/RPG/300 Return Credit	-630
301	SL/300 Return Credit	-840
32100A	SPL/3000 Compiler	2,725
301	SL/300 Return Credit	-2,100
300	BASIC/RPG/300 Return Credit	-1,575
32100M	"Right-to-Copy" 32100A without sublicense	1,375
32100R	"Right-to-Copy" 32100A with sublicense	1,375
300	BASIC/RPG/300 Return Credit	-630
301	SL/300 Return Credit	-840
DATA COMMUNICATIONS SOFTWARE -----		
30130E	DSN/RJE Remote Job Entry	1,350
300	31447A RJE/300 Credit	-525
30130M	"Right-to-Copy" 30130A without sublicense	950
30130R	"Right-to-Copy" 30130A with sublicense	950
300	31447R RJE/300 Credit	-105
32190A	DSN/DS Distributed Systems Software	5,000
300	31447A-RJE/300 Credit	-525
32190M	"Right-to-Copy" 32190A without sublicense	3,500
32190R	"Right-to-Copy" 32190A with sublicense	3,500
300	31447R-RJE/300 Credit	-105
32192A	DSN/MRJE Multileaving Remote Job Entry	2,520
300	31447A-RJE/300 Credit	-525
32192M	"Right-to-Copy" 32192A without sublicense	1,775
32192R	"Right-to-Copy" 32192A with sublicense	1,775
300	31447A-RJE/300 Credit	-105
32193A	DSN/MTS Multipoint Terminal Support	1,350
32193M	"Right-to-Copy" 32193A without sublicense	950
32193R	"Right-to-Copy" 32193A with sublicense	950

Domestic U.S.A. prices only and subject to change without notice.
For a firm quotation, contact your Hewlett-Packard Sales Representative.

Product Number	Description	Price
32229A 300	DSN/IMF Interactive Mainframe Facility 31447A-RJE/300 Credit	\$ 7,000 -525
32229M	"Right-to-Copy" 32229A without sublicense	4,900
32229R 300	"Right-to-Copy" 32229A with sublicense 31447R-RJE/300 Credit	4,900 -105

PROGRAMMER PRODUCTIVITY TOOLS -----

32244A	Dictionary/3000 Relational Data Dictionary	5,000
32244M	"Right-to-Copy" 32244A without sublicense	2,500
32244R	"Right-to-Copy" 32244A with sublicense	2,500
32245A	Report/3000 Report Writer	5,000
32245M	"Right-to-Copy" 32245A without sublicense	2,500
32245R	"Right-to-Copy" 32245A with sublicense	2,500
32247A	Transact/3000 Transaction Processing Language and Processor	6,000
32247M	"Right-to-Copy" 32247A without sublicense	3,000
32247R	"Right-to-Copy" 32247A with sublicense	3,000
32248A	Programmer Productivity Package (Report/3000, Dictionary/3000, Transact/3000)	13,000
32248M	"Right-to-Copy" 32248A without sublicense	6,500
32248R	"Right-to-Copy" 32248A with sublicense	6,500
32249A	RAPID/3000 Processor, Execute only for Transact/3000 and Report/3000 programs	3,500
32350A	HPToolset Program Development System. Requires COBOL II/3000 (32233A)	5,000
32350M	"Right-to-Copy" 32350A without sublicense. Requires COBOL II/3000 (32233M)	2,500
32350R	"Right-to-Copy" 32350A with sublicense. Requires COBOL II/3000 (32233R)	2,500

Product Number	Description	Price
OFFICE SYSTEMS SOFTWARE -----		
32108A	HPDRAW Text & Figure Presentation Graphics Software	\$ 4,000
32108R	"Right-to-Copy" 32108A with sublicense	2,800
32180M	"Right-to-Copy" 32108A without sublicense	2,800
32109A	HPEASYCHART Chartmaker Graphics Software	3,000
32109R	"Right-to-Copy" 32109A with sublicense	2,100
32109M	"Right-to-Copy" 32109A without sublicense	2,100
32110A	HP 3000 Business Graphics Package	10,750
32110R	"Right-to-Copy" 32110A with sublicense	7,500
32110M	"Right-to-Copy" 32110A without sublicense	7,500
32120A	HPWORD Word Processing	5,000
32120R	"Right-to-Copy" 32120A with sublicense	3,500
32120M	"Right-to-Copy" 32120A without sublicense	3,500
32120DA	HPWORD Word Processing GERMAN	5,000
32120DR	"Right-to-Copy" 32120DA with sublicense	3,500
32120DM	"Right-to-Copy" 32120DA without sublicense	3,500
32246A	HP Inform/3000 User Report Generator. Requires Dictionary/3000 (32244A)	6,000
32246R	"Right-to-Copy" 32246A with sublicense. Requires Dictionary/3000 (32244R)	4,200
32246M	"Right-to-Copy" 32246A without sublicense. Requires Dictionary/3000 (32244M)	4,200
32250A	HP DSG/3000 Decision Support Graphics	6,300
32250R	"Right-to-Copy" 32250A with sublicense	4,410
32250M	"Right-to-Copy" 32250A without sublicense	4,410
36570A	HPMAIL Electronic Mail System	10,000
36570R	"Right-to-Copy" 36570A with sublicense	7,000
36570M	"Right-to-Copy" 36570A without sublicense	7,000

Product Number	Description	Price
36576A	HPSLATE Screen Based Word Processing	\$ 3,000
36576R	"Right-to-Copy" 36576A with sublicense	2,100
36576M	"Right-to-Copy" 36576A without sublicense	2,100
36578A	TDP/3000 Text & Document Processor	6,300
36578R	"Right-to-Copy" 36578A with sublicense	4,400
36578M	"Right-to-Copy" 36578A without sublicense	4,400
36580A	IFS/3000 Interactive Formatting System	2,500
36580R	"Right-to-Copy" 36580A with sublicense	1,750
36580M	"Right-to-Copy" 36580A without sublicense	1,750
36581A	IDS/3000 Interactive Design System	4,000
36581R	"Right-to-Copy" 36581A with sublicense	2,800
36581M	"Right-to-Copy" 36581A without sublicense	2,800
36583A	HP 2680 Graphics Package	6,000
36583R	"Right-to-Copy" 36583A with sublicense	4,200
36583M	"Right-to-Copy" 36583A without sublicense	4,200
36584A	HP Printer Support Package	10,000
36584R	"Right-to-Copy" 36584A with sublicense	7,000
36584M	"Right-to-Copy" 36584A without sublicense	7,000

MANUFACTURING SYSTEMS APPLICATIONS SOFTWARE -----

32260A	Materials Management/3000	31,500
32260R	"Right-to-Copy" 32260A with sublicense	22,050
32260M	"Right-to-Copy" 32260A without sublicense	22,050
32260DA	German Language Version MM/3000	31,500
32260DR	"Right-to-Copy" 32260DA with sublicense	22,050
32260DM	"Right-to-Copy" 32260DA without sublicense	22,050
32260EA	Spanish Language Version MM/3000	31,500
32260ER	"Right-to-Copy" 32260EA with sublicense	22,050
32260EM	"Right-to-Copy" 32260EA without sublicense	22,050

Product Number	Description	Price
32260FA	French Language Version MM/3000	\$ 31,500
32260FR	"Right-to-Copy" 32260FA with sublicense	22,050
32260FM	"Right-to-Copy" 32260FA without sublicense	22,050
32260HA	Dutch Language Version MM/3000	31,500
32260HR	"Right-to-Copy" 32260HA with sublicense	22,050
32260HM	"Right-to-Copy" 32260HA without sublicense	22,050
32260KA	Katakana Language Version MM/3000	31,500
32260KR	"Right-to-Copy" 32260KA with sublicense	22,050
32260KM	"Right-to-Copy" 32260KA without sublicense	22,050
32260LA	Australian Language Version MM/3000	31,500
32260LR	"Right-to-Copy" 32260LA with sublicense	22,050
32260LM	"Right-to-Copy" 32260LR without sublicense	22,050
32260NA	Norwegian Language Version MM/3000	31,500
32260NR	"Right-to-Copy" 32260NA with sublicense	22,050
32260NM	"Right-to-Copy" 32260NA without sublicense	22,050
32260SA	Swedish Language Version MM/3000	31,500
32260SR	"Right-to-Copy" 32260SA with sublicense	22,050
32260SM	"Right-to-Copy" 32260SM without sublicense	22,050
32260UA	British Language Version MM/3000	31,500
32260UR	"Right-to-Copy" 32260UA with sublicense	22,050
32260UM	"Right-to-Copy" 32260UA without sublicense	22,050
32260XA	Finnish Language Version MM/3000	31,500
32260XR	"Right-to-Copy" 32260XA with sublicense	22,050
32260XM	"Right-to-Copy" 32260XA without sublicense	22,050
32260ZA	Italian Language Version MM/3000	31,500
32260ZR	"Right-to-Copy" 32260ZA with sublicense	22,050
32260ZM	"Right-to-Copy" 32260ZA without sublicense	22,050

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Product Number	Description	Price
32270A	Production Management/3000	\$ 31,500
32270R	"Right-to-Copy" 32270A with sublicense	22,050
32270M	"Right-to-Copy" 32270A without sublicense	22,050
32270DA	German Language Version PM/3000	31,500
32270DR	"Right-to-Copy" 32270DA with sublicense	22,050
32270DM	"Right-to-Copy" 32270DA without sublicense	22,050
32270FA	French Language Version PM/3000	31,500
32270FR	"Right-to-Copy" 32270FA with sublicense	22,050
32270FM	"Right-to-Copy" 32270FA without sublicense	22,050
32270KA	Katakana Language Version PM/3000	31,500
32270KR	"Right-to-Copy" 32270KA with sublicense	22,050
32270KM	"Right-to-Copy" 32270KA without sublicense	22,050
32270LA	Australian Language Version PM/3000	31,500
32270LR	"Right-to-Copy" 32270LA with sublicense	22,050
32270LM	"Right-to-Copy" 32270LA without sublicense	22,050
32270UA	British Language Version PM/3000	31,500
32270UR	"Right-to-Copy" 32270UA with sublicense	22,050
32270UM	"Right-to-Copy" 32270UA without sublicense	22,050
32270XA	Finnish Language Version PM/3000	31,500
32270XR	"Right-to-Copy" 32270XA with sublicense	22,050
32270XM	"Right-to-Copy" 32270XA without sublicense	22,050

FINANCIAL SYSTEMS APPLICATIONS SOFTWARE-----

32285A	General Ledger/3000	7,000
32285M	"Right-to-Copy" 32285A without sublicense	4,900
32285R	"Right-to-Copy" 32285A with sublicense	4,900
32286A	Accounts Payable/3000	7,000
32286M	"Right-to-Copy" 32286A without sublicense	4,900
32286R	"Right-to-Copy" 32286A with sublicense	4,900

Product Number	Description	Price
32287A	Accounts Receivable/3000	\$ 7,000
32287M	"Right-to-Copy" 32287A without sublicense	4,900
32287R	"Right-to-Copy" 32287A with sublicense	4,900
32292A	General Ledger/3000 Source Code*	3,000
32293A	Accounts Payable/3000 Source Code*	3,000
32294A	Accounts Receivable/3000 Source Code*	3,000

*Requires concurrent purchase of object code

ADDITIONAL APPLICATIONS SOFTWARE -----

32180A	APS/3000 Application Program Sampler	2,500
32180M	"Right-to-Copy" 32180A without sublicense	1,250
32180R	"Right-to-Copy" 32180A with sublicense	1,250
32199A	Flexible Discopy/3000	685
32199R	"Right-to-Copy" 32199A	275
32205B	Scientific Library	410
32205M	"Right-to-Copy" 32205B without sublicense	200
32205R	"Right-to-Copy" 32205B with sublicense	200
32206R	"Right-to-Copy" DEL/3000	250
32238A	OPT/3000 On-line Performance Tool	6,400
32238M	"Right-to-Copy" 32238A without sublicense	2,200
32900B	SIS/3000 Student Information System	3,780
32900R	"Right-to-Copy" 32900B	2,650
32902A	CIS/3000 College Information System	6,300
32902R	"Right-to-Copy" 32902A	4,400

Product Number	Description	Price
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HP PLUS SOFTWARE -----

32252JA	Protos	\$ 7,500
32252JR	"Right-to-Copy" 32252JA with sublicense	3,750
32252JM	"Right-to-Copy" 32252JA without sublicense	3,750
32253JA	Skipper	1,500
32253JR	"Right-to-Copy" 32253JA with sublicense	750
32253JM	"Right-to-Copy" 32253JA without sublicense	750

HP 3000 TERMINAL KEYBOARD TEMPLATES -----

7120-1189	HP V/3000 ENTRY Template	4.10
7120-1190	HP V/3000 FORMSPEC/REFSPEC Template	4.90
7120-8716	IMF/3000 IDF Template	4.20
36581-60001	IDS/3000 Templates for 2647A	10.00
36581-60002	IDS/3000 Templates for 2648A	10.00

HP 3000 MANUAL SETS -----

30381A	HP 3000 User Manual Set	210.00
003	Series III Manuals	0
033	Series 3x Manuals	0
040	Series 40 Manuals	0
044	Series 44 Manuals	0
064	Series 64 Manuals	0
699	Deletes binders	-25.00
30093A	Programmer Manual Set	114.75
32263A	Materials Management/3000 Manual Set	165.00
32263DA	German MM/3000 Manual Set	165.00
32263FA	French MM/3000 Manual Set	330.00
32265Z	System Reference Manual for MM/3000	280.00
32270Z	Production Management/3000 Manual Set	120.00
32270DZ	German PM/3000 Manual Set	120.00

Product Number	Description	Price
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HP 3000 OVERVIEW MANUALS -----

5953-0663	HP 3000 Specification Guide	\$ 2.37
5953-0662	HP 3000 General Information Manual	5.16
5953-0587	MM/3000 General Information Manual	*
03000-90121	Using the HP 3000	10.00
30000-90135	Guide to a Successful Installation	7.00
30000-90171	Technical Writer's Survival Kit	2.50

HP 3000 HARDWARE MANUALS -----

30000-60029	Site Preparation Manual Set (includes Site Planning and Preparation Guide (#30000-90206) and Site Planning Workbook (#30000-90207))	18.65
30000-90022	Machine Instruction Set	8.75
30000-90057	Instruction Decoding Pocket Guide	1.00
30070-90026	Machine Instruction Pocket Guide	3.00
30070-60068	Diagnostic Manual Set	110.00

MPE MANUALS -----

30000-90009	MPE Commands	16.75
30000-90010	MPE Intrinsics	19.25
30000-90011	Segmenter	3.50
30000-90012	Debug/Stack Dump	5.60
30000-90014	System Manager/System Supervisor	17.20
30000-90015	Error Messages	18.50
30000-90044	System Utilities	4.50
30000-90045	Index to MPE	4.00
30000-90049	Software Pocket Guide	19.20
32002-90004	Console Operator's Guide	*

Product Number	Description	Price
UTILITIES MANUALS -----		
03000-90064	FCOPY	\$ 4.75
30000-90028	Compiler Library	13.50
32104-90006	RPG Utilities	15.05
32214-90001	SORT	8.50
INFORMATION MANAGEMENT MANUALS -----		
30000-90042	QUERY/3000	14.00
30000-90079	KSAM/3000	14.50
32209-90001	HP VPLUS/3000 Reference Manual	14.50
32209-90003	HP VPLUS/3000 Operator's Guide	2.50
32209-90004	Using HP VPLUS/3000	17.00
32215-90003	IMAGE/3000	17.28
32244-90001	Dictionary/3000 Reference Manual	20.60
32245-90001	Using Report/3000	*
32247-90001	Transact/3000 Reference Manual	20.52
32350-90001	HPToolset Reference Manual	56.59
LANGUAGES MANUALS -----		
03000-90025	BASIC/3000 for Beginners	6.00
03000-90050	BASIC/3000 Pocket Guide	1.25
30000-90024	SPL/3000	12.00
30000-90025	SPL Textbook	11.50
30000-90026	BASIC/3000 Interpreter	17.33
30000-90040	FORTRAN/3000	13.00
32103-90001	BASIC/3000 Compiler	3.00
32104-90001	RPG/3000	49.70
32104-90003	RPG/3000 Listing Analyzer	.88
32105-90002	APL/3000	35.00
32105-90003	APL/3000 Pocket Guide	4.50

Product Number	Description	Price
32106-90001	Pascal/3000	\$ 44.78
32213-90001	COBOL/3000	12.00
32213-90003	Using COBOL/3000	13.00
32233-90001	COBOL II/3000	19.00
DATA COMMUNICATIONS MANUALS -----		
5955-1715	Guidebook to Data Communications	3.00
30000-90105	Data Communications Handbook	21.70
30000-90047	RJE/3000 Reference Manual	12.75
32190-90001	DS/3000 Reference Manual	19.00
32190-90005	DS/3000 to DS/1000 Reference Manual	9.70
32192-90001	MRJE/3000 Reference Manual	14.20
32193-90002	MTS/3000 Reference Manual	7.00
32229-90001	IMF/3000 Reference Manual	18.69
OFFICE SYSTEMS MANUALS -----		
32108-90001	HPDRAW Reference Guide	*
32109-90001	HPEASYCHART Reference Guide	*
32120-90001	HPWORD Reference Guide	38.70
32120-90002	HPWORD Quick Reference Guide	9.25
32246-90001	Using HP Inform/3000	22.00
32250-90001	HP DSG/3000	24.00
32250-90002	HP DSG/3000 Guide	4.25
36570-90001	HPMAIL Reference Manual	20.00
36570-90002	HPMAIL Reference Manual	25.00
36570-90004	HPMAIL Admin. Manual	24.00
36576-90001	HPSLATE Reference Guide	12.00
36576-90002	Using HPSLATE	12.00

Product Number	Description	Price
36578-90001	TDP/3000 Reference Manual	\$22.00
36578-90002	Using TDP/3000	22.00
36578-90003	TDP/3000 Quick Reference Guide	8.50
36580-90001	IFS/3000	46.25
36581-90001	IDS/3000 Character Design	32.50
36581-90002	IDS/3000 Forms Design	30.00
36583-90001	HP 2680 Business Graphics Package	78.75
36584-90001	HP Printer Support Package	182.00

MANUFACTURING SYSTEMS APPLICATIONS MANUALS -----

32260-90001	Master Production Scheduling and Rough Cut Resource Planning	17.00
32260-90002	Maintaining Parts and Bills of Material	17.00
32260-90003	Maintaining Routings and Workcenters	11.00
32260-90004	Material Issues and Receipts	14.75
32260-90005	Maintaining Work Orders	15.00
32260-90006	Managing Inventory Balances	12.00
32260-90007	Maintaining Purchase Orders	14.00
32260-90008	Material Requirements Planning	7.25
32260-90009	Standard Product Costing	8.00
32260-90010	System Customization	25.00
32260-90011	System Operation	8.00
32260-90020	German Language - Master Production Scheduling and Rough Cut Resource Planning	*
32260-90021	German Language - Maintaining Parts and Bills of Material	*
32260-90022	German Language - Maintaining Routings and Workcenters	*
32260-90023	German Language - Material Issues and Receipts	*

Product Number	Description	Price
32260-90024	German Language - Maintaining Work Orders	\$ *
32260-90025	German Language - Managing Inventory Balances	*
32260-90026	German Language - Maintaining Purchase Orders	*
32260-90027	German Language - Material Requirements Planning	*
32260-90028	German Language - Standard Product Costing	*
32260-90029	German Language - System Customization	*
32260-90030	German Language - System Operation	*
32260-90031	French Language - Master Production Scheduling and Rough Cut Resource Planning	*
32260-90032	French Language - Maintaining Parts and Bills of Material	*
32260-90033	French Language - Maintaining Routings and Workcenters	*
32260-90034	French Language - Material Issues and Receipts	*
32260-90035	French Language - Maintaining Work Orders	*
32260-90036	French Language - Managing Inventory Balances	*
32260-90037	French Language - Maintaining Purchase Orders	*
32260-90038	French Language - Material Requirements Planning	*
32260-90039	French Language - Standard Product Costing	*
32260-90040	French Language - System Customization	*
32260-90041	French Language - System Operation	*
32260-90101	System Reference Manual MM/3000	*
32270-90001	Defining the Shop	*
32270-90002	Managing the Order	*
32270-90003	Capacity Requirements Planning and Input/Output Analysis	*

Product Number	Description	Price
32270-90004	A User's Guide to the Data Capture Terminal	\$ *
32270-90005	System Customization	*
32270-90006	System Operation	*

*Consult your Hewlett-Packard Sales Representative for current price.

FINANCIAL SYSTEMS MANUALS-----

32285Y	General Ledger/3000 Source Reference Manual	500
32285Z	General Ledger/3000 Manual Set	30
32286Y	Accounts Payable/3000 Source Reference Manual	500
32286Z	Accounts Payable/3000 Manual Set	30
32287Y	Accounts Receivable/3000 Source Ref. Manual	500
32287Z	Accounts Receivable/3000 Manual Set	30

ADDITIONAL APPLICATIONS MANUALS -----

30000-90027	Scientific Library	6.65
32180-90001	APS/3000 Reference Manual	7.60
32180-90002	APS/3000 Pocket Card	3.50
32180-90003	APS/3000 Insert for MPE S/W Pocket Guide	3.50
32199-90001	Flexible Disccopy	6.00
32238-90001	OPT/3000 Reference Manual	14.88
32238-90002	OPT/3000 Pocket Guide	3.50
32900-90001	SIS/3000 Reference Manual	13.00
32900-90005	SIS/3000 Technical Manual	32.00
32901-90001	SAS/3000 Reference Manual	15.50
32901-90005	SAS/3000 Technical Manual	9.75
32902-90003	CIS/3000 Reference Manual	13.00
32902-90005	CIS/3000 Technical Manual	10.50

Product Number	Description	Price
CONVERSION MANUALS -----		
30000-90046	3000CX to Series II Conversion	\$ 3.50
32104-90004	System/3 to HP 3000 Conversion	10.75
32233-90005	COBOL/3000 to COBOL II/3000 Conversion	3.95

HP 3000 SOFTWARE SUPPORT -----

The following represent monthly fees for HP 3000 Software Support Services. Customers may also purchase:

Additional PICS Caller			32400P		100	
Product	Customer Support Service		Additional Site Service		Software Subs. Service	

FOS/3000						
Series 30	32430T	\$ 400	32430V	\$ 70	32430S	\$ (10)
	041	40	041	60	041	40
	051	0	051	20	051	0
Series 33	32412T	400	32412V	90	32412S	120
	041	40	041	60	041	40
	051	0	051	20	051	0
Series II and III	32435T	450	32435V	100	32435S	135
	050	10	050	30	050	10
	051	0	051	20	051	0
Series 40	32445T	350	32445V	70	32445S	110
	022	50	022	70	022	50
	051	0	051	20	051	0
Series 40SX	32446T	350	32446V	70	32446S	110
	022	50	022	70	022	50
	051	0	051	20	051	0
Series 44	32440T	500	32440V	100	32440S	135
	022	50	022	70	022	50
	051	0	051	20	051	0
Series 64	32460T	650	32460V	145	32460S	175
	051	0	051	20	051	0

Note: Available options for FOS/3000 are the following:

- 022 - Updates on cartridge tape
- 041 - Updates on flexible disc
- 050 - Updates on 800 bpi mag tape
- 051 - Updates on 1600 bpi mag tape

Product Number	Description	Price
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Product	Customer Support Service	Additional Site Service	Software Subs. Service
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Languages

COBOL/3000	32213T \$ 100	32213V \$ 25	32213S \$ 30
COBOL II/3000	32233T 100	32233V 25	32233S 30
	068 50	068 25	
SPL/3000	32100T 50	32100V 25	32100S 30
RPG/3000	32104T 100	32104V 25	32104S 30
BASIC/3000	32111T 55	32111V 25	32111S 30
FORTRAN/3000	32102T 55	32102V 25	32102S 30
APL/3000	32105T 100	32105V 25	32105S 40
Pascal/3000	32106T 70	32106V 15	32106S 25

Communications

DSN/DS	32190T 125	32190V 35	32190S 40
DSN/RJE	30130T 60	30130V 15	30130S 15
DSN/MRJE	32192T 75	32192V 15	32192S 20
DSN/MTS	32193T 75	32193V 15	32193S 15
DSN/INF	32229T 125	32229V 35	32229S 40

Programmer Productivity Tools

Dictionary/3000	32244T 45	32244V 10	32244S 15
Report/3000	32245T 45	32245V 10	32245S 15
Transact/3000	32247T 55	32247V 10	32247S 15
Prog. Prod. Pkg.	32248T 145	32248V 30	32248S 45
RAPID Processor	32249T 25	32249V 10	32249S 15
HPToolset	32350T 95	32350V 20	32350S 25

Office Systems

HPDRAW	32108T 65	32108V 15	32108S 20
HP EASYCHART	32109T 40	32109V 10	32109S 15
HPWORD	32120T 95	32120V 20	32120S 25
German HPWORD	32120DT 95	32120DV 20	32120DS 25
HP Inform/3000	32246T 35	32246V 10	32246S 15
DSG/3000	32250T 65	32250V 30	32250S 30
HPMAIL	36570T 80	36570V 30	36570S 30
HP SLATE	36576T 45	36576V 10	36576S 15
TDP/3000	36578T 60	36578V 30	36578S 30
IFS/3000	36580T 45	36580V 15	36580S 15
IDS/3000	36581T 45	36581V 20	36581S 20
HP 2680 Graphics	36583T 35	36583V 15	36583S 15

Product Number	Description	Price
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Product	Customer Support Service	Additional Site Service	Software Subs. Service
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Manufacturing

HP Mfg. Base	32265T \$ 260		
MM/3000	32260T 150	32260V \$ 80	32260S \$ 100
German MM/3000	32260DT 150	32260DV 80	32260DS 100
Spanish MM/3000	32260ET 150	32260EV 80	32260ES 100
French MM/3000	32260FT 150	32260FV 80	32260FS 100
Dutch MM/3000	32260HT 150	32260HV 80	32260HS 100
Katakana MM/3000	32260KT 150	32260KV 80	32260KS 100
Austral. MM/3000	32260LT 150	32260LV 80	32260LS 100
Norwegian MM/3000	32260NT 150	32260NV 80	32260NS 100
Swedish MM/3000	32260ST 150	32260SV 80	32260SS 100
British MM/3000	32260UT 150	32260UV 80	32260US 100
Finnish MM/3000	32260XT 150	32260XV 80	32260XS 100
Italian MM/3000	32260ZT 150	32260ZV 80	32260ZS 100

PM/3000	32270T 150	32270V 80	32270S 100
German PM/3000	32270DT 150	32270DV 80	32270DS 100
Katakana PM/3000	32270KT 150	32270KV 80	32270KS 100
Austral. PM/3000	32270LT 150	32270LV 80	32270LS 100
British PM/3000	32270UT 150	32270UV 80	32270US 100
Finnish PM/3000	32270XT 150	32270XV 80	32270XS 100

Financial Applications

Object Code Support:			
Base CSS (Re-	32291T 140	NA	NA
quired for first functional CSS)			
GL/3000	32285T 70	32285V 40	32285S 50
AP/3000	32286T 70	32286V 40	32286S 50
AR/3000	32287T 70	32287V 40	32287S 50

Source Code Support:			
Base CSS (re-	32295T 40	NA	NA
quires 32291T)			
GL/3000	32292T 45	32292V 15	32292S 20
AP/3000	32293T 45	32293V 15	32293S 20
AR/3000	32294T 45	32294V 15	32294S 20

Additional Applications

APS/3000	32180T 45	32180V 10	32180S 15
OPT/3000	32238T 75	32238V 15	32238S 15
Flexible Disc Copy	32199T 10	32199V 5	32199S 5
Scientific Lib	32205T 30	32205V 15	32205S 15
SIS/3000	32900T 200	32900V 50	32900S 60
CIS/3000	32902T 200	32902V 50	32902S 60

HP 3000 SOFTWARE NOTIFICATION SERVICE -----

32499A HP 3000 Software Notification Service	\$ 25/mont
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Domestic U.S.A. prices only and subject to change without notice.
For a firm quotation, contact your Hewlett-Packard Sales Representative.

Product Number	Description	Price
HP 3000 MANUAL UPDATE SERVICE* -----		
32412Q	Series 33 FOS/3000 Manual Update Service	\$ 40
32430Q	Series 30 FOS/3000 Manual Update Service	40
32435Q	Series II/III FOS/3000 Manual Update Service	40
32440Q	Series 44 FOS/3000 Manual Update Service	40
32445Q	Series 40 FOS/3000 Manual Update Service	40
32446Q	Series 40SX FOS/3000 Manual Update Service	40
32460Q	Series 64 FOS/3000 Manual Update Service	40
30093Q	Programmer's Manual Updates	16
32208Q	KSAM/3000 Manual Update Service	2
32209Q	HP VPLUS/3000 Manual Update Service	5
32213Q	COBOL/3000 Manual Update Service	4
32233Q	COBOL II/3000 Manual Update Service	5
32235Q	DBMS/3000 Manual Update Service	4
32100Q	SPL/3000 Manual Update Service	7
32104Q	RPG/3000 Manual Update Service	3
32111Q	BASIC/3000 Manual Update Service	5
32102Q	FORTRAN/3000 Manual Update Service	3
32105Q	APL/3000 Manual Update Service	5
32106Q	Pascal/3000 Manual Update Service	5
32190Q	DSN/DS Manual Update Service	4
30130Q	DSN/RJE Manual Update Service	2
32192Q	DSN/MRJE Manual Update Service	2
32193Q	DSN/MTS Manual Update Service	2
32229Q	DSN/IMF Manual Update Service	2
32244Q	Dictionary/3000 Manual Update Service	3
32245Q	Report/3000 Manual Update Service	3
32247Q	Transact/3000 Manual Update Service	3
32248Q	Programmer Prod. Package Manual Update Service	9

Product Number	Description	Price
32250Q	HPToolset Manual Update Service	\$ 3
32108Q	HPDRAW Manual Update Service	3
32109Q	HPEASYCHART Manual Update Service	3
32120Q	HPWORD Manual Update Service	3
32120DQ	German HPWORD Manual Update Service	3
32246Q	HP Inform/3000 Manual Update Service	3
32250Q	DSG/3000 Manual Update Service	3
36570Q	HPMAIL Manual Update Service	5
36576Q	HPSLATE Manual Update Service	3
36578Q	TDP/3000 Manual Update Service	3
36580Q	IFS/3000 Manual Update Service	3
36581Q	IDS/3000 Manual Update Service	3
36583Q	HP 2680 Graphics Manual Update Service	3
32260Q	Materials Management/3000 Manual Update Service	15
32260DQ	MM/3000 Manual Update Service for German Language Version	15
32260EQ	MM/3000 Manual Update Service for Spanish Language Version	15
32260FQ	MM/3000 Manual Update Service for French Language Version	15
32270Q	Production Mgmt./3000 Manual Update Service	15
32285Q	General Ledger/3000 Manual Update Service	3
32286Q	Accounts Payable/3000 Manual Update Service	3
32287Q	Accounts Receivable Manual Update Service	3
32180Q	APS/3000 Manual Update Service	3
32238Q	OPT/3000 Manual Update Service	3
32205Q	Scientific Library Manual Update Service	2

* Monthly Fees

Product Number	Description	Price
TRAINING AND CONSULTING -----		
22801B	HP 3000 - A Programmer's Introduction	\$ 725
22801X	HP 3000 - A Programmer's Introduction	7,250
22802C	HP 3000 System Management and Operation	800
22802X	HP 3000 System Management and Operation	7,250
22804A	HP 3000 SPL File System Introduction	925
22804X	HP 3000 SPL File System Introduction	7,400
22805A	HP 3000 MPE Special Capabilities	925
22805X	HP 3000 MPE Special Capabilities	7,400
22807A	HP 3000 System Operator	480
22807X	HP 3000 System Operator	4,800
22808A	HP 3000 Application Design	740
22808X	HP 3000 Application Design	6,700
22809B	HP OPT/3000 System Performance	1,680
22811A	HPWORD/3000 Customer Office Sys. Course	720
22811X	HPWORD/3000 On-site Cust. Off. Sys. Course	5,800
22830B	HP VPLUS/3000	725
22830X	HP VPLUS/3000	7,250
22832A	Learning COBOL II (self-paced)	475
22833A	Using DSG/3000 Interactively (self-paced)	285
22834A	DSG/3000 Programmatic Use	555
22834X	DSG/3000 Programmatic Use	5,800
22835A	A Guided Tour to the HP 3000 (self-paced)	375
22838A	HP IDS/3000 and IFS/3000	840
22838B	Laser Printer Programming Course	1,050
22838X	HP IDS/3000 and IFS/3000	8,400
22839A	Using HPWORD (self-paced)	250
22840A	Using HPDRAW (self-paced)	300
22842A	Programming in Transact/3000 (self-paced)	750

Product Number	Description	Price
22843A	Using Dictionary/3000 (self-paced)	\$ 500
22956X	HP 3000 IMAGE/3000 (Data Base Management)	7,250
32240X	IMF/3000 Training/Consulting Package	3,800
32246TA	Learning INFORM/3000	400
32246TM	"Right-to-Copy" 32246TA without sublicense	280
32261A	Using Materials Management/3000 Five Days at HP Technical Center.	800
32261X	Using Materials Management/3000 Five Days on-site.	8,000
32271A	Using Production Management/3000 Five days at HP Technical Center.	800
32271X	Using Production Management/3000 Five days on-site.	8,000
32272A	HP Manufacturing Systems Customization and Operation. Five days at HP Technical Center.	875
32272X	HP Manufacturing Systems Customization and Operation. Five days on-site.	7,200
32288A	General Ledger/3000 Training	320
32288X	General Ledger/3000 Training on-site	3,200
32289A	Accounts Payable/3000 Training	320
32289X	Accounts Payable/3000 Training on-site	3,200
32290A	Accounts Receivable/3000 Training	160
32290X	Accounts Receivable/3000 Training on-site	1,600
35013A	Dictionary-Inform/3000 Training	800
35013X	Dictionary-Inform/3000 Training on-Site	8,000
35013Y	Inform-Report/3000/2 1/2 Days Course	400
35013Z	Dictionary/3000/2 1/2 Days Course	400
35014A	Transact-Report/3000 Training	800
35014X	Transact-Report/3000 Training on-site	8,000

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Product Number	Description	Price
35015A	HPMAIL Consulting	\$ *
35015B	HPMAIL Network Consulting	*
35021A	SE Assistance for Business Computers/T&M	100
35022A	HP 3000/4X Training Prog. for Serv. Pers.	10,500
35023A	HP 262X Maintenance, Self-Paced Training	250
35026A	Requirements Definition Consulting for MM/3000	*
35027A	Implementation Team Training for MM/3000	*
35028A	Project Planning Assistance for MM/3000	*
35029A	Project Implementation Assistance for MM/3000	*
35032A	SE Assistance for Business Computers/1 Day	750
35034A	Sys. Specialist Assis. for Bus. Comp./1 Day	900
35035A	Sys. Specialist Assis. for Bus. Comp./T&M	115
35039A	HP3000 Installation Mgmt. Consulting (1 day)	900
001	One additional day	750
35040A	HP3000 System Performance Evaluation	3,100
001	Additional Complexity	335
35044A	Off Hours S/W Update Installation (Customers Only)	200
35045A	Pre-Installation Production Assistance	750
35051A	Introduction to Data Comm. Course	925
35051X	Introduction to Data Comm. Course on-site	7,000
35053A	IMAGE/3000 Database Mgmt. Course/5 Day	725
35053X	IMAGE/3000 Database Mgmt. Course on-site	7,250
35054N	Application System Engineering Assist./1 Day	750
35055N	Application System Engineering Assist./T&M	100
35057N	Application Specialist Assistance/1 Day	900
35058N	Application Specialist Assistance/T&M	115
36575A	HPSLATE Self-Paced Training Package	130
36579A	Text and Document Processor/3000	320
36579X	Text and Document Processor/3000 on-site	3,200

Product Number	Description	Price	SMMC
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36900E Distributed Systems/3000 \$ 5,400

NOTE: "X" suffix in product number denotes on-site class. Fee for on-site classes includes up to 10 students. Additional students (up to the maximum permissible) can be accommodated at a charge of \$100.00/student. Hewlett-Packard reserves the right to cancel class upon three-weeks notice.

* Contact Manufacturing Systems Operation for price information.

PRE-SERIES II TO SERIES III UPGRADE PRODUCTS -----

30307A	Upgrade to HP 3000 Series III	\$ 60,900	\$ 332
001	30310A power supply	5,250	61
015	230V/50 Hz single phase operation	-2,100	0
050	Deletes isolation transformer	-2,100	0
132	Upgrade existing selector channel	3,150	28
150	One Series III style peripheral cabinet	2,940	7
152	Terminal Controller Upgrade	0	5
200	128 Kb Series I or pre-Series II parts returned	-2,500	-662
201	96 Kb pre-Series II parts returned	-2,250	-658
202	Series I or pre-Series II selector channel returned	-100	-52

SERIES II TO SERIES III UPGRADE PRODUCTS -----

30417A	Series II Upgrade to Series III	35,700	300
499	Credit for 128 Kb system	-1,000	-311
500	Credit for 192 Kb system	-1,500	-333
501	Credit for 256 Kb system	-2,000	-355
502	Credit for 320 Kb system	-2,500	-403
503	Credit for 384 Kb system	-3,000	-425
504	Credit for 448 Kb system	-3,500	-447
505	Credit for 512 Kb system	-4,000	-469
532	Deletes selector channel repl. board	-100	-28
533	Upgrade Second Selector Channel	1,050	-1

SERIES 40 UPGRADE PRODUCTS -----

32445AH	Upgrade to the Series 40 (32445A) w/512 Kb	35,120	224
M01:	Remote Support Service Credit	0	-65
015	220-240V/50 Hz operation	0	0
022	Software on magnetic tape cartridge	0	0
507	Expands Memory to 1024 Kb	10,000	16
601	Upgrade from pre-Series II w/128 Kb	-2,500	0
602	Upgrade from Series II w/128 Kb	-3,000	0
603	Upgrade from Series III w/256 Kb	-7,000	0
605	Upgrade from Series 33A/B w/256 Kb,2649E	-8,000	46
606	Upgrade from Series 33C/U w/256 Kb,2649E	-8,000	26
607	Upgrade from Series 30A/B w/256 Kb,2649E	-6,000	23
608	Upgrade from Series 30C/U w/256 Kb,2649E	-6,000	13

Product Number	Description	Price	SMMC
SERIES 44 UPGRADE PRODUCTS -----			
32440BH	Upgrade to Series 44B (32440B) w/1 Mb	\$ 66,120	\$ 288
	M01: Remote Support Service Credit	0	-65
015	220-240V operation	0	0
601	Upgrade from pre-Series II w/128 Kb	-7,500	0
602	Upgrade from Series II w/128 Kb	-8,000	0
603	Upgrade from Series III w/256 Kb	-12,000	0
605	Upgrade from Series 33A/B w/256 Kb,2649E	-13,000	46
606	Upgrade from Series 33C/U w/256 Kb,2649E	-13,000	26
607	Upgrade from Series 30A/B w/256 Kb,2649E	-11,000	23
608	Upgrade from Series 30C/U w/256 Kb,2649E	-11,000	13
611	Upgrade from Series 40 w/no memory	-13,825	26
613	Upgrade from Series III w/256 Kb and 30341A HP-IB Adapter	-15,000	0

SERIES 64 UPGRADE PRODUCTS -----			
32460AH	Upgrade to Series 64 (32460A) w/2 Mb	160,920	693
	M01: Remote Support Service Credit	0	-75
015	380V/50 Hz operation	0	0
016	415V/50 Hz three phase operation	0	0
601	Upgrade from pre-Series II w/128 Kb	-2,500	0
602	Upgrade from Series II w/128 Kb	-3,000	0
603	Upgrade from Series III w/256 Kb	-27,000	0
605	Upgrade from Series 33A/B w/256 Kb,2649E	-8,000	26
606	Upgrade from Series 33C/U w/256 Kb,2649E	-8,000	26
607	Upgrade from Series 30A/B w/256 Kb,2649E	-6,000	13
608	Upgrade from Series 30C/U w/256 Kb,2649E	-6,000	13
609	Upgrade from Series 44 w/1 Mb	-43,000	26
611	Upgrade from Series 40 w/no memory	-13,825	26
613	Upgrade from Series III w/256 Kb and 30341A HP-IB Adapter	-30,000	0

HP 300 TO HP 3000 UPGRADES -----			
30074B	HP 300 to Series 44 (W/1 Mb) Upgrade	68,010	301
015	200-240V/50 Hz Operation	0	0
610	Return credit for HP 300 Model 10, product number 31032A.	-20,810	13
615	Return credit for HP 300 product number 31033A	-15,400	13
620	Return credit for HP 300 Model 20, product number 31034A	-15,400	13
630	Return credit for HP 300 Model 30, product number 31035A	-15,400	13
650	Return credit for 31203A 128 Kb memory module	-1,200	N/A
670	Return credit for 31030A HP 300 Workstation	-4,900	N/A
30075A	HP 300 to Series 40 (W/1 Mb) Upgrade	47,010	253
015	200-240V/50 Hz Operation	0	0
610	Return credit for HP 300 Model 10, product number 31032A	-20,810	13

Product Number	Description	Price	SMMC
615	Return credit for HP 300 product number 31033A	\$-15,400	\$ 13
620	Return credit for HP 300 Model 20 product number 31034A	-15,400	13
630	Return credit for HP 300 Model 30, product number 31035A	-15,400	13
650	Return credit for 312203 128 Kb Memory Module	-1,200	N/A
670	Return credit for 31030A HP 300 Workstation	-4,900	N/A
31282AN	Return credit for 31282A Bisync Communication Processor	-1,125	N/A

MEMORY UPGRADE PRODUCTS -----			
30008AN	Return Credit for additional 64 Kb of Series II memory	-500	N/A
30008BN	Return Credit for additional 256 Kb of Series III memory	-3,000	N/A
30078AN	Return Credit for additional 128 Kb of Series 3x memory	-1,200	N/A
30092AN	Return Credit for additional 512 Kb of Series 4x memory	-6,000	N/A
30161AN	Return Credit for additional 1 Mb of Series 4x memory	-11,200	N/A
30171AN	Return Credit for additional 256 Kb of Series 40 memory	-3,000	N/A

COMMUNICATIONS UPGRADE PRODUCTS -----			
30010AN	Return Credit for Series II/III INP	-1,800	N/A
30018AN	Return Credit for ADCC-Main	-850	N/A
30019AN	Return Credit for ADCC-Extension	-850	N/A
30020AN	Return Credit for Series 3x,4x INP	-1,800	N/A
30032BN	Return Credit for additional ATC	-1,000	N/A
001	Return Credit for Bell 103 modem board	-300	N/A
002	Return Credit for Bell 202 modem board	-300	N/A
30055AN	Return Credit for SSLC	-100	N/A
30360AN	Return Credit for HSI for Series III	-500	N/A

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Product Number	Description	Price	SMMC
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PERIPHERAL UPGRADE PRODUCTS -----

7920MN	Return Credit for 7920M disc drive	\$ -5,800	\$ N/A
7920SN	Return Credit for 7920S or A disc drive	-4,000	N/A
7925MN	Return Credit for 7925M disc drive	-7,800	N/A
7925SN	Return Credit for 7925S or A disc drive	-6,000	N/A
7970BN	Return Credit for 7970B tape drive	-1,000	N/A
7970EN	Return Credit for 7970E tape drive	-3,000	N/A
30209AN	Return Credit for Line Printer Controller	-425	N/A
30215AN	Return Credit for Addit. Mag Tape Contr.	-300	N/A
12745A	Master Disc Drive Interface Upgrade	1,130	4
13037U	Upgrade of Master Disc with Controller in SPU	5,000	40
015	220V/50 Hz single phase operation	0	0
102	HP-IB Interface	1,175	4
26002A	2608A Line Printer Interface	290	0
046	HP-IB Interface	315	0
26095B	2631B Conversion Kit to RS-232-C	420	0
010	RS-232-C Serial Front Panel	125	0
26069A	2613/17/19A Line Printer Interface	2,415	22
340	Cable set for Series 40	685	0
344	Cable set for Series 44	685	0
364	Cable set for Series 64	685	0
26072A	Master Magnetic Tape Drive Upgrade	3,600	39
H01	Upgrade of HP-IB Drive with Serial Number less than 2034A-xxx	-2,800	N/A

Note: Contact Boise for cables required in moving 2613/17/19 between HP-IB systems.

MEMORY EXPANSION PRODUCTS -----

30008B	256 Kb Memory Module for Series III	3,940	25
30008U	Refurbished 64 Kb Memory Module	2,100	22
30078A	128 Kb Memory Module for Series 3x	2,625	10
30411U	Refurbished Memory Exp. Kit for Series II	5,250	70
30418AR	1536 Kb Memory Exp. Kit for all S/IIIs. Exp. Mem. From 1024 Kb to 1536 Kb. (Re-Marketed)	9,000	58
001	Adds one memory power supply (30311A). (Re-Marketed)	2,500	23

Product Number	Description	Price	SMMC
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I/O EXPANSION PRODUCTS -----

30030B	High Speed Selector Channel for Series II	\$ 3,780	\$ 29
30030C	High Speed Selector Channel for Series III	3,780	28
30021C	ADCC Upgrade Cable Order one for each existing ADCC beyond the first ADCC MAIN	390	0
040	Series 40 Cable Set	0	0
044	Series 44 Cable Set	0	0
30022A	General I/O Channel Cable Order one for each existing GIC in system being upgraded	420	0
040	Series 40 Cable Set	0	0
044	Series 44 Cable Set	0	0
064	Series 64 Cable Set	0	0
30032BR	16 Port Asynchronous Terminal Controller for Series III. (Re-Marketed)	3,000	15
001	103, 202T, and 212 modem support (Re-Marketed)	1,235	3
30055AR	Synchronous Single Line Controller, Cable Included. (Re-Marketed)	2,000	19
30209AR	Line Printer Controller to Interface 2608A, 2613A, 2617A, and 2619A Line Printers with Option 300. (Re-Marketed)	1,275	6
30229B	7920/7925 Disc Interface for Series II/III	1,260	8
30235AR	Series III I/O Expansion Kit. (Re-Marketed)	8,000	48
30341A	Series III HP-IB Interface Module	7,500	122
30408A	Series II Model 8 Upgrade Kit	26,250	90
001	Memory and I/O Expansion Kits	0	0
002	Delete Memory Expansion Kit and 64 Kb memory array board	-10,000	-71
30416A	Series 33 I/O Expansion Kit	7,880	25
30441A	Asynchronous Terminal Controller Field Upgrade Kit	1,575	3

* For performance reasons, use of 202S modems is not recommended.

SOFTWARE AND SUPPORT SERVICES
(For systems shipped before July 1, 1979)

Pre-Series II Support Services

Product Description	Customer Support Service	Additional PICS Caller	Additional Site Support	Software Subscription Service
Fundamental Operating Software MPE-C, EDIT, FCOPY, SPL Compiler Library	22823T \$300 Add option 001 to indicate a pre-Series II System	22823P \$100	22823V \$60 Add option 001 to indicate a pre-Series II System	22823S \$75 Add option 001 to indicate a pre-Series II System
See Note 1				
COBOL/3000	30096T \$100	Additional PICS callers are associated with the HP 3000 system installation and not individual software products. Order 22823P (above) for each additional PICS caller.	30096V \$25	30096S \$30
RPG/3000	30100T \$100		30100V \$25	30100S \$30
BASIC/3000	30098T \$50		30098V \$25	30098S \$30
FORTRAN/3000	30099T \$50		30099V \$25	30099S \$30
DBMS/3000	30095T \$145		30095V \$30	30095S \$40
INDEX/3000	32207T \$25		32207V \$10	32207S \$10
DEL/3000	32206T \$50		32206V \$20	32206S \$20
RJE/3000	30097T \$40		30097V \$15	30097S \$15

Note 1: Certain products have been assigned new product numbers. As originally ordered, these products were numbered:

COBOL/3000 32213B
RPG/3000 32104A
BASIC/3000 32111A
FORTRAN/3000 32102B
DBMS/3000 32235A
RJE/3000 30130D

HP 3000 Pre-Series II Manual Update Service

22823Q	HP 3000 Pre-Series II Systems Manual Update Service.	\$40
30096Q	Pre-Series II COBOL/3000 Manual Update Service.	4
30100Q	Pre-Series II RPG/3000 Manual Update Service.	5
30098Q	Pre-Series II BASIC/3000 Manual Update Service.	5
30099Q	Pre-Series II FORTRAN/3000 Manual Update Service.	3
30095Q	Pre-Series II DBMS/3000 Manual Update Service.	4
32207Q	Pre-Series II INDEX/3000 Manual Update Service.	2
32206Q	Pre-Series II DEL/3000 Manual Update Service.	2
30097Q	Pre-Series II RJE/3000 Manual Update Service.	2

SOFTWARE AND SUPPORT SERVICES
(For systems shipped before July 1, 1979)

Series II, Series III, and Series 33 Support Services

Product Description	Software Product		Support Services			
	Standard Product	Right To Copy	Customer Support Service	Additional PICS Caller	Additional Site Support	Software Subscription Service
Fundamental Operating Software (FOS)-MPE, EDIT, FCOPY, SPL Compiler Library	Included with HP 3000 Systems		22823T \$300 Add Option 003 for a Series II or Series III OR Add Option 033 for Series 33.	22823P \$100 Additional PICS callers are associated with the HP 3000 system in-installation and not individual software products. Order 22823P for each additional PICS caller.	22823V \$60 Add Option 003 for a Series II or Series III OR Add Option 033 for Series 33.	22823S \$75 Add Option 003 for a Series II or Series III OR Add Option 033 for Series 33.
Data Entry Data Management		See Note 2				
KSAM/3000	32208A \$1725	32208R \$ 875 32208M \$ 875	32208T \$ 30		32208V \$15	32208S \$20
DBMS/3000	32235B \$3200	32235R \$1600 32235M \$1600	32235T \$100		32235V \$30	32235S \$40
HP V/3000	32209A \$1600	32209R \$ 800 32209M \$ 800	32209T \$70		32209V \$20	32209S \$30

Note 2: The "R" suffix on "right-to-copy" software products indicates inclusion of a sublicense, while the "M" suffix indicates "right-to-copy" without a sublicense.

HP 3000 Software Notification Service

32499A	HP 3000 Software Notification Service. Includes SSB, Communicator.	\$25
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