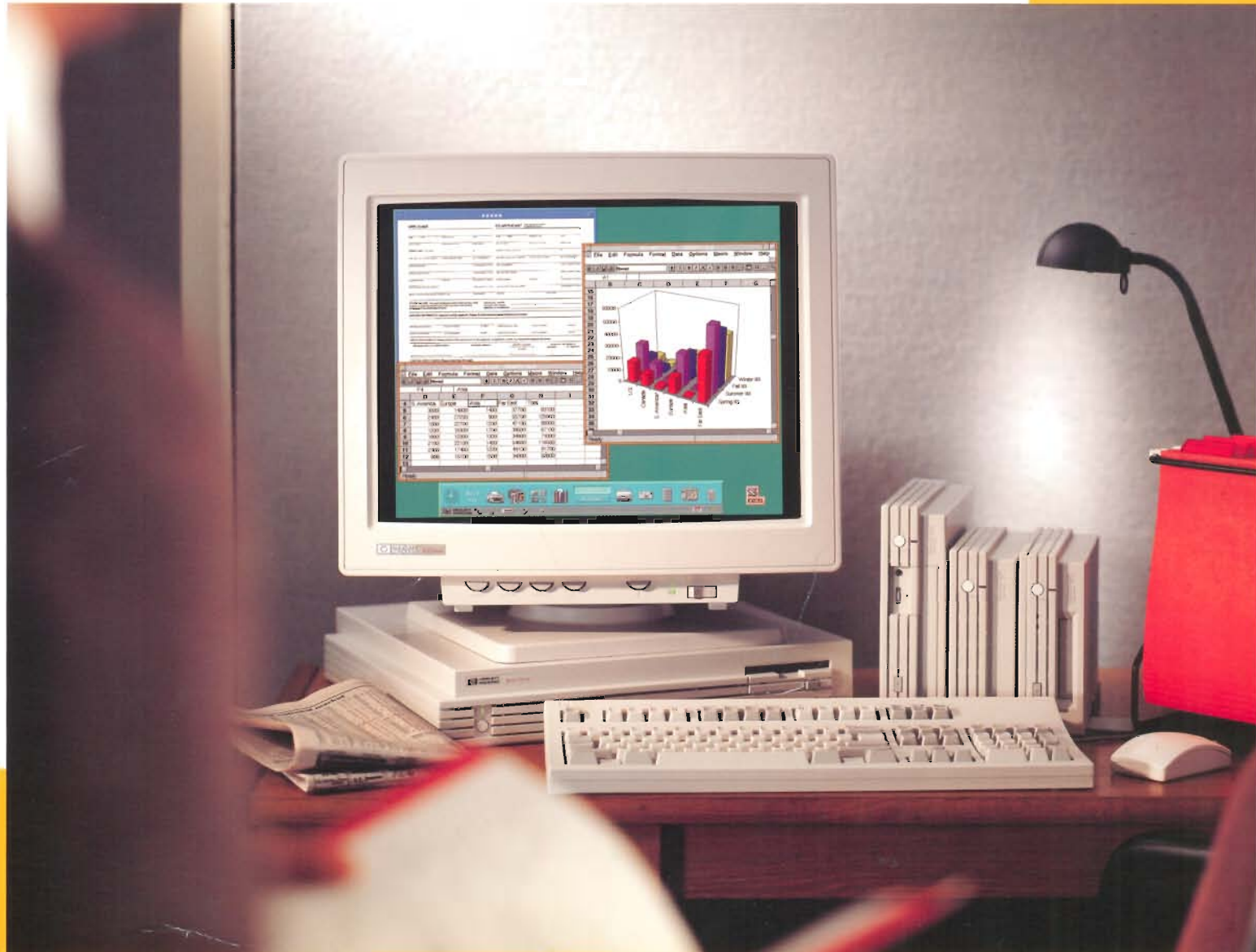


HP 9000 Series 700 Model 712/60 and 712/80i Workstations



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Series 700 Model 712 Workstations

The HP 9000 Model 712/60 and 712/80i workstations deliver outstanding computation, graphics, and networking performance at a very low cost. They are the workstations of choice for users of enterprise desktop applications that require fast processor and X Window

system performance. They also provide the solution for those seeking a workstation with outstanding graphics capabilities and superior integer performance for technical applications.

Models 712/60 and 712/80i are designed with ease of installation, expansion and serviceability in mind.

For more information, contact any of our worldwide sales offices or HP Channel Partners (In the U.S., call 1-800-637-7740; in Canada, call 1-800-387-3867).

The information contained in this document is subject to change without notice.

Features	712/60	712/80i	Benefits
CPU			
PA7100LC bi-endian processor			- Integrated RISC technology for low cost - Flexibility for multiple operating systems
Clock frequency	60MHz	80MHz	
Performance			
SPECint92	58.1	84.1	Superb performance at an entry price
SPECfp92	79	79	Outstanding speed for quick information retrieval and display to multiple windows
MFLOPS(DP)	12.8	15.6	Speeds technical computations
AIM APR II	44.5	66.3	
Memory and Cache			
Memory capacity	16-128MB	16-128MB	Useable systems now possible with only 16MB
Instruction/data cache	64KB	256KB	Expansion capabilities for quick solutions to challenging problems
Graphics			
All Color Monitors:			
11.8 inch 1024 x 768 flat panel			Choice of display sizes to suit any user's environment
15 inch 1024 x 768			Ideal for multiple text or graphics windows and engineering applications
17 inch 1024 x 768			
17 inch 1280 x 1024			
19 inch 1280 x 1024			
Performance			
Xmark	5.9	8.5	Leadership windowing and vector performance
X11	12,216	17,428	Extremely quick display of the most complex images and windows
X11 vectors/second	1.1M	1.4M	
Features			
Support for 640 x 480, 800 x 600, 1024 x 768, 1280 x 1024 resolutions			Excellent detail
Color recovery			Select the display for every price and performance requirement
Second display support			True color images at the price of an 8-color plane system
Graphics Software			
X11/R5, PEX, PHIGS, PowerShade, Starbase, GKS			Additional display space for multiple, data-intensive windows
Multimedia			
16 bit CD quality stereo audio			Outstanding reproduction of voice, music, and other audio information
HP MPower 2.0 Capable			Access to user-friendly software for a wide variety of multimedia applications
JPEG and MPEG decompression			Display of video data at up to 30 frames/second
Optional TeleShare			Analog phone set, fax and modem combined into one easy to use system
Mass Storage			
Internal capacity	260MB-1GB	260MB-1GB	A wide choice of prices and capabilities
Total external capacity	14GB	14GB	
Removable Media			
Internal option	1.44MB Floppy	1.44MB Floppy	Easy and inexpensive loading of data and PC applications
User-friendly Features			
HP VUE, OSF/Motif, X11 Window System			Ease of use through standards
Instant Ignition			Provides immediate productivity through a pre-installed and preconfigured HP-UX environment
Standard Interfaces			
Integrated I/O subsystem (Single-ended SCSI-II, RS-232C, Centronics, PS/2 connectors (2))			Allow quick and easy connection of high-speed, low-cost disks and other peripherals
I/O expansion slots (2)			Support for industry-standard keyboards and mice
Networking			
Standard EtherTwist LAN			Direct connection to inexpensive LAN networks
Standard LAN AUI			Adapt to any form of LAN cabling
Optional second LAN AUI			Access to two LAN networks simultaneously
Optional Token Ring / 9000			Inexpensive connection to IBM Token Ring (IEEE 802.5) networks
Optional X.25			Up to 19.2 Kbps over X.25 wide area networks
Optional second serial port			Add additional serial printer, plotter, or input device
Cooperative Computing Products			
NCS, Passwd Etc., Task Broker, NetLS, OmniBack			Supports distributed applications
NFS, OpenView, SoftBench, The Ready-to-Wear Desktop Builder Kit (RTW DBK), Software Distribution Utility (SDU)			- Ease of administration in a networked environment - Provides users with access to all available power on the network - Allows licensing of applications based on actual usage - Automates system backup in a networked environment