

HP 9000 Series 700 Model 735 and 735/125 Workstations



Series 700 Model 735 Overview

The HP 9000 Series 700 Model 735 offers a choice of industry-leading performance and price/performance in a desktop system. The PA-RISC 7100 microprocessor-based Model 735 now has a performance optimized companion; utilizing the new PA-RISC 7150 microprocessor running at 125MHz for ultimate desktop power. With performance up to 154 MIPS, SPECint of 136, SPECfp of 201, along with large RAM and disk capacities, the Model 735 is ideal for compute-intensive and demanding graphics applications. An advanced input/output design matches the high-performance CPU, providing high throughput to disks and networks and resulting in leading application performance. An EISA slot is also provided to accommodate a variety of expansion options.

HP continues to provide unparalleled investment protection. Customers who have purchased Models 720, 730, and 735 can upgrade to the new Model 125MHz model easily and quickly.

HP—The Leader in RISC-based Systems

Hewlett-Packard offers the broadest RISC-based family of systems in the industry, from entry-level workstations to high-performance servers, and you can count on HP's high standards of quality, reliability, and customer satisfaction.

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).

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Features	735	735/125
CPU Performance		
SPECint92	109	136
SPECfp92	168	201
MIPS Integer	125	154
MFLOPS Floating Point (DP)	45	57
Graphics Options		
GRX (8-plane greyscale, 19", 1280 x 1024, 72 Hz)		
Xmark93	8.8	9.4
GPC PLB2D93	60	68
CRX (8-plane color, 19", 1280 x 1024, 72 Hz)		
Xmark93	8.8	9.9
GPC PLB2D93	60	68
8/8-plane double buffering		
CRX-24 (24-plane color, 19", 1280 x 1024, 72 Hz)		
Xmark93	7.8	8.6
GPC PLB2D93	62	68
GPC PLBsurf 93	40	45
12/12-plane double buffering		
CRX-24Z (24-plane accelerated color, 19", 1280 x 1024, 72 Hz)		
Xmark93	7.8	8.6
GPC PLB2D93	60	66
GPC PLBsurf 93	68	77
24-plane color + 8 overlay planes		
24-bit hardware Z buffer		
12/12 plane double buffering		
CRX-48Z (24-plane, accelerated, double-buffered color, 19", 1280 x 1024, 72 Hz)		
Xmark93	9.4	10.8
GPC PLB2D93	63	71
GPC PLBsurf 93	95	112
24-plane color + 8 overlay planes		
24-bit hardware Z buffer		
24/24 plane double buffering		
Graphics Software		
X11R5, PEX, PHIGS, Starbase, PowerShade		
Memory and Cache		
32-400MB ECC RAM; 256KB instruction cache, 256KB data cache		
Mass Storage and Removable Media		
520MB - 2GB internal disk		
125.4GB maximum disk with disk arrays		
600MB CD ROM, 2GB 4mm DDS (DAT), up to 8GB DDS-DC (DAT), floppy drive, re-writable optical drive, 9-track 1/2" tape drive		
Standard Interfaces		
Integrated I/O Subsystem: IEEE 802.3 (Thick or Thin); single-ended SCSI-II or fast-wide SCSI-II, RS 232(2), CD-quality audio, (optional) FDDI, Centronics, HP-HIL		
Sample EISA options: X.25, IEEE 802.5 token ring, HP-IB, fast differential SCSI, ISDN, IEEE 802.3		
User-friendly Features		
HP VUE, OSF/Motif, X11 Window System		
Instant Ignition, HP MPower		

