



**HEWLETT
PACKARD**

Series 700 Model 725/75 Overview

The HP Apollo Model 725/75 is the highest-performing expandable workstation in the power desktop family. The system delivers 110 SPECmarks (89), setting a new industry price/performance standard. The Model 725/75's graphics capabilities are derived from the industry's leadership price/performance Series 700 GRX and CRX graphics. They deliver 15,975 X11 perf and 1,100,000 2D/3D vec/second performance (peak).

The Model 725/75 supports a wide variety of industry-standard I/O interfaces, similar to the other members of the Series 700 family. To provide the best possible performance and cost savings for the user, the system has built-in local area networking (LAN), audio connection, four user EISA slots, external SCSI-2 port, bidirectional Centronics interface, two RS232 Serial ports, and HP-HIL.

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	Benefits
CPU Performance (75Mhz PA-RISC 7100 Processor)	<ul style="list-style-type: none"> Industry's highest-performance desktop workstation Industry leadership price/performance Speeds technical computations
86 MIPS	
110 SPECmark89	
61 SPECint92	
113 SPECfp92	
31 MFLOPS (DP)	
Graphics Options	
Grayscale	<ul style="list-style-type: none"> Superb image detail Leadership windowing and vector performance 256 shades aid user comprehension
19", 1280 x 1024, 72Hz Monitor	
15,975 X11 perf	
8-plane grayscale	
Color 19", 1280 x 1024, 72 Hz Monitor	
15,975 X11 perf	
1,100,000 2D/3D vectors/second	
27,000/15,000 triangles/quads per second	
8-plane color	<ul style="list-style-type: none"> 256 colors aid user comprehension
CRX-24 (24 plane, 3D wireframe)	
19", 1280 x 1024, 72 Hz Monitor	
15,975 X11 perf	
680,000 2D/3D vectors/second	
27,000/15,000 triangles/quads per second	
12/12-plane double buffering	
24-plane color + 8 overlay planes	<ul style="list-style-type: none"> Superb image detail Leadership windowing and vector performance Ideal for visualization and image processing, exceptional application performance
CRX-24Z (24 plane, Z-buffered, 3D solids)	
19", 1280 x 1024, 72 Hz Monitor	
15,975 X11 perf	
680,000 2D/3D vectors/second	<ul style="list-style-type: none"> Allows smooth movement of dynamic images 16.7 million simultaneously displayable colors
175,000/94,000 triangles/quads per second	
12/12 plane double buffering	
24-plane + color 8 overlay planes	<ul style="list-style-type: none"> Speed and realism through standards enhance the capabilities of all applications Low-cost access to dynamic shading and highly realistic renderings
CRX-48Z (48-plane, Z-buffered, 3D solids)	
19", 1280 x 1024, 72 Hz Monitor	
15,975 X11 perf	
1,450,000 3D vectors/second	<ul style="list-style-type: none"> Improves application performance
600,000/107,000 triangles/quads per second	
24-plane color + 8 overlay planes	<ul style="list-style-type: none"> A wide range of mass storage options for easy access to large amounts of data
24/24 plane double buffering	<ul style="list-style-type: none"> Ease-of-use through standards Provides immediate productivity through a preinstalled and preconfigured HP-UX environment
Graphics Software	
X11/R5, PEX, PHIGS, Starbase, GKS, PowerShade	<ul style="list-style-type: none"> Low-cost, high performance Allows quick and easy integration in heterogeneous networks Simple connection of high-speed, low-cost disks and other peripherals Multimedia capability
Memory and Cache	
32-256MB; 256KB(I) and 256KB(D) Caches	
Mass Storage and Removable Media	
1GB disk, 525MB CD-ROM, 1.44MB floppy	<ul style="list-style-type: none"> Supports distributed applications; provides users with access to all available power on the network Allows licensing of applications based on actual usage; easy network administration
User-friendly Features	
HP VUE, OSF/Motif, X11 Window System	
Instant Ignition	
Standard Interfaces	
Integrated I/O subsystem: IEEE 802.3, SCSI-II,	
RS-232 (2), four-user EISA slots, Centronics,	
Audio I/O ports, HP-HIL	
Cooperative Computing Products	
NCS, Passwd Etc., Open View Network Node Manager,	
Task Broker, NetLS, OmniBack	