

HP Apollo Series 700 Model 725/50 Workstation

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Series 700 Model 725/50 Overview

The HP Apollo Model 725/50 is the highest performing entry-level desktop workstation in the industry. The system delivers 69 SPECmarks (89), setting a new industry price/performance standard. The 725/50's graphics capabilities are derived from the industry's leadership price/performance Series 700 GRX and CRX graphics. They deliver 11,187 X11 perf and 920,000 2D/3D vec/second performance (peak).

The Model 725/50 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, 4 user EISA slots, external SCSI-2 port, bidirectional Centronics interface, two RS232 Serial ports, and HP-HIL.

For more information, call 1-800-637-7740. In Canada, call 1-800-387-3867. Or contact your local HP sales office or authorized HP reseller.

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

Features

CPU Performance (50Mhz PA-RISC 7100 Processor)

62 MIPS
69 SPECmark89
36 SPECint92
72 SPECfp92
13 MFLOPS (DP)

Graphics Options

Grayscale

19", 1280 x 1024, 72Hz Monitor
11,187 X11 perf
8-plane grayscale

Color 19", 1280 x 1024, 72 Hz Monitor

11,187 X11 perf
860,000 X11 vectors/second
920,000 2D/3D vectors/second
18,000/11,000 triangles/quads per second
8-plane color

CRX-24 (24 plane, 3D wireframe)

19", 1280 x 1024, 72 Hz Monitor
10,648 X11 perf
680,000 2D/3D vectors/second
605,000 X11 vectors/second
18,000/12,00 triangles/quads per second
12/12-plane double buffering
24-plane color + 8 overlay planes

CRX-24Z (24 plane, Z-buffered, 3D solids)

19", 1280 x 1024, 72 Hz Monitor
10,648 X11 perf
680,000 2D/3D vectors/second
605,000 X11 vectors/second
150,000 3D anti-aliased vectors/second
140,000/65,000 triangles/quads per second
12/12 plane double buffering
24-plane + color 8 overlay planes

CRX-48Z (48-plane, Z-buffered, 3D solids)

19", 1280 x 1024, 72 Hz Monitor 8,890
9,891 X11 perf
1 million 3D vectors/second
803,000 X11 vectors/second
1 million 3D anti-aliased vectors/second
600,000/80,000 triangles/quads per second
24-plane color + 8 overlay planes
24/24 plane double buffering

Graphics Software

X11/R5, PEX, PHIGS, Starbase, GKS, PowerShade

Memory and Cache

32-256MB; 64KB Instr. Cache, 64KB Data Cache

Mass Storage and Removable Media

1GB disk, 525MB CD-ROM, 1.44MB floppy

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

Benefits

- Industry's highest-performance desktop workstation
- Industry leadership price/performance
- Speeds technical computations

- Superb image detail
- Leadership windowing and vector performance
- 256 shades aid user comprehension
- Superb image detail
- Leadership windowing and vector performance

- Ideal for design, engineering, and scientific applications
- 256 colors aid user comprehension

- Superb image detail
- Leadership windowing and vector performance
- Ideal for visualization and image processing, exceptional application performance

- Allows smooth movement of dynamic images
- 16.7 million simultaneously displayable colors

- Superb image detail
- Leadership windowing and vector performance through X11 and PHIGS
- High performance lighting and shading for surface rendering and data animation

- Exceptional application performance

- Allows smooth movement of dynamic images
- 16.7 million simultaneously displayable colors

- Superb image detail
- Leadership windowing and vector performance
- High performance lighting and shading for surface rendering and data animation

- Exceptional application performance
- Real-time rendering of large 3D models
- 16.7 million simultaneously displayable colors
- Allows smooth movement of dynamic images

- Speed and realism through standards enhance the capabilities of all applications
- Low-cost access to dynamic shading and highly realistic renderings

- Improves application performance

- A wide range of mass storage options for easy access to large amounts of data

- Ease-of-use through standards
- Provides immediate productivity through a preinstalled and preconfigured HP-UX environment

- 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

- 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

