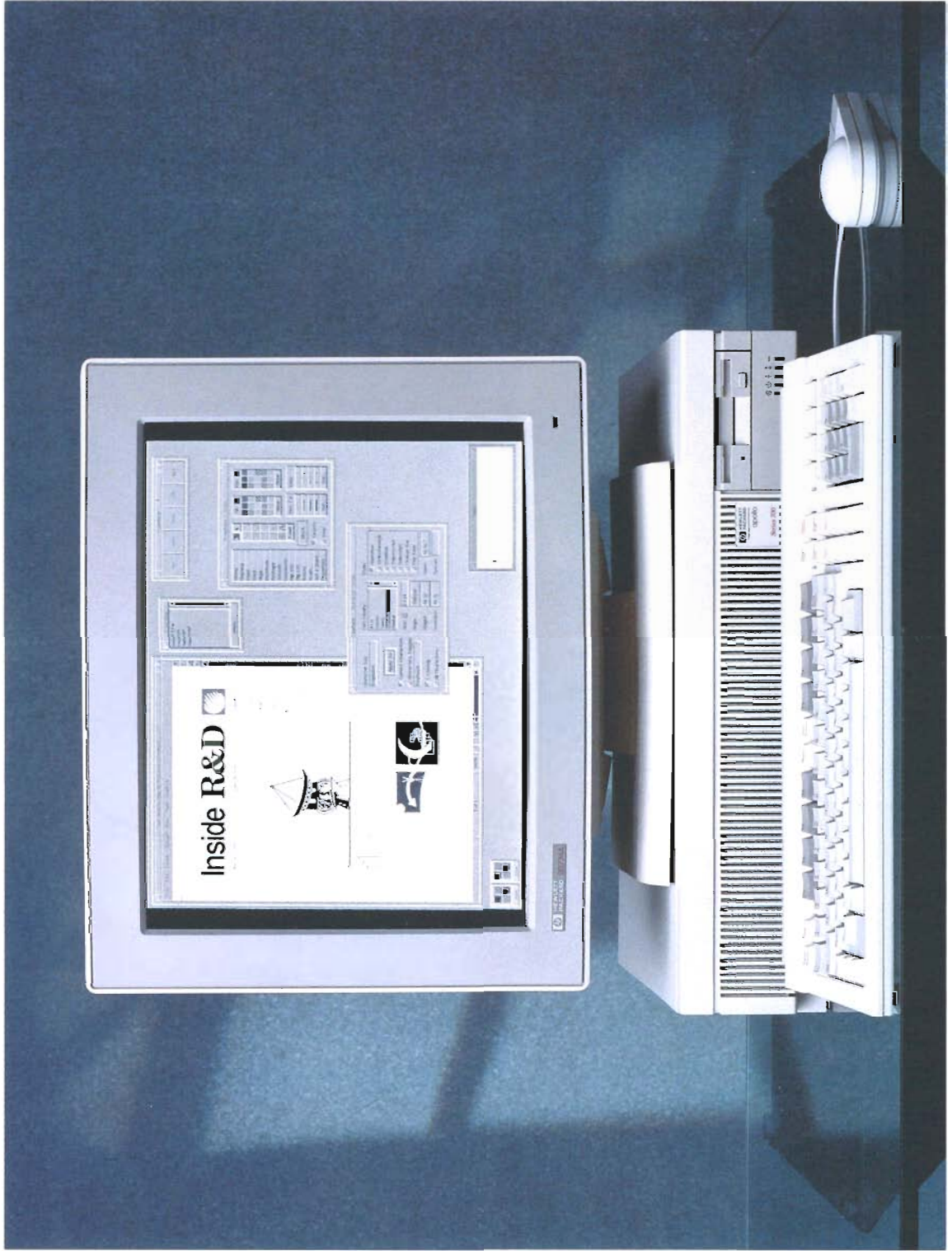


HP Apollo Series 700 Model 720 Workstation



Series 700 Model 720 Overview
 The PA-RISC HP Apollo Series 700 Model 720 delivers the best price/performance in an expandable, desktop workstation. Integrated graphics include leadership X11, 2D/3D vector performance, and outstanding 3D color modelling and rendering.

The Model 720 supports the HP-UX UNIX operating system. And OSF/1 will be supported to provide access to the emerging operating system standard. Exceptional ease of use is provided through the HP VUE user interface, based on OSF/Motif.

HP - The Leader in RISC-based Systems

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

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.

Features

CPU Performance (50 MHz PA-RISC Processor)

- 57.9 MIPS Integer
- 59.5 SPECmarks
- 17.9 MFLOPS Floating Point

Graphics Options

GRX (Grayscale, 19", 1280 x 1024, 72 Hz)
 876,000 X11 vectors/sec
 1.16 million 2D/3D vec/sec
 8-bit grayscale

CRX (Color, 2D/3D wireframe, 19", 1280 x 1024, 72 Hz)
 876,000 X11 vectors/sec
 1.16 million 2D/3D vec/sec
 8-bit color
 8/8 plane double buffering

CRX-24 (24-bit Color, 2D/3D wireframe, and visualization, 19", 1280 x 1024, 72 Hz)
 600,000 X11 vectors/sec
 1.15 million 2D/3D vectors/sec
 24-bit color + 8 overlay planes
 12/12 plane double buffering

CRX-24Z (24-bit Color, 2D/3D solids, and visualization, 19", 1280 x 1024, 72 Hz)
 1.15 million 2D/3D vectors/sec
 153K anti-aliased vectors/sec
 165K triangles/sec; 63K quads/sec
 24-bit color + 8 overlay planes
 24-bit hardware Z buffer
 12/12 plane double buffering

Dual CRX

Graphics Software

X11/PHIGS, X11/Starbase, X11/GKS
 PowerShade w/Personal Visualizer

Memory and Cache

16-128MB ECC RAM
 128KByte Instruction Cache
 256KByte Data Cache

Mass Storage and Removable Media

420-840MB Internal Disk; 64GB max.
 Disk with Disk arrays
 600MB CD ROM; 2GB 4mmDDS (DAT),
 Up to 8GB DDS-DC (DAT), Floppy Drive,
 Re-writable optical drive,
 9-track 1/2" tape drive

Connectivity

Integrated I/O Subsystem: IEEE 802.3
 SCSI-2, RS 232(2), Centronics,
 HP-HIL
 Optional: FDDI, X.25, IEEE 802.5
 token ring, HP-IB, fast differential
 SCSI, EISA

Cooperative Computing Products

NCS, Passwd Etc., Task Broker, NetLS,
 OpenView Network Node Manager

User-friendly Features

HP VUE, OSF/Motif, X11 Window System
 Instant Ignition
 SoftRPC

Benefits

- Industry's best price/performance expandable workstation
- Speeds technical computation
- Industry's fastest X11 windowing performance. Improved productivity in CASE, DTP, and commercial applications
- 256 shades for increased comprehension
- Industry's fastest X11 windowing performance
- Leadership windowing and vector performance ideal for design, engineering, and scientific applications
- 256 colors from a palette of 16.7 million
- Allows smooth movement of dynamic images
- Leadership 24-plane windowing and vector performance ideal for scientific visualization applications
- 16.7M colors - True color; provides for text and graphics overlay
- Allows smooth movement of dynamic images
- Exceptional application performance
- Clear display of complex wireframe models
- Fast rendering of 3D solid models
- 16.7M colors - True color; provides for text and graphics overlay
- High-performance hidden line and surface removal
- Allows smooth movement of dynamic images
- Support of two 19", 1280 x 1024 monitors for increased screen space

- 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
- Increased capacity, reliability, and performance

- Low cost, high performance
- Allows quick and easy integration in heterogeneous networks
- Simple connection of high-speed, low-cost disks and other peripherals

- 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

- Ease of use through standards
- Provides immediate productivity through a preinstalled and preconfigured environment
- Provides access to MS-DOS applications in an X window