

HP Apollo Series 700 Model 730 Workstation



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Series 700 Model 730 Overview

The PA-RISC HP Apollo Series 700 Model 730 delivers the best performance on a desktop. Integrated graphics include the industry's fastest X11, 2D/3D vector performance, and 24-plane solids performance on a desktop.

The Model 730 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, 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, call 1-800-637-7740. In Canada, call 1-800-387-3867. Or contact your local HP sales office or authorized HP reseller.

Features

Benefits

CPU Performance (66 MHz PA-RISC Processor)

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| 76.7 MIPS Integer | • Industry's highest-performance desktop workstation |
| 76.8 SPECmarks | |
| 23.7 MFLOPS Floating Point | • Speeds technical computations |

Graphics Options

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| GRX (Grayscale, 19", 1280 x 1024, 72 Hz)
915,000 X11 vectors/sec
1.18 million 2D/3D vec/sec
8-bit grayscale | • Industry's fastest X11 windowing performance. Improved productivity in CASE, DTP, and commercial applications
• 256 shades for increased comprehension |
| CRX (Color, 2D/3D wireframe, 19", 1280 x 1024, 72 Hz)
915,000 X11 vectors/sec
1.18 million 2D/3D vec/sec
8-bit color
8/8 plane double buffering | • Leadership windowing and vector performance ideal for design, engineering, and scientific applications
• Smooth manipulation of large models
• 256 colors from a palette of 16.7 million
• Allows smooth movement of dynamic images |
| CRX-24 (24-bit Color, 2D/3D wireframe and visualization, 19", 1280 x 1024, 72 Hz)
623,000 X11 vectors/sec
1.15 million 2D/3D vectors/sec
24-bit color + 8 overlay planes
12/12 plane double buffering | • 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 |
| CRX-24Z (24-bit Color, 2D/3D solids and visualization, 19", 1280 x 1024, 72 Hz) (24-bit Color, 3D solids and visualization)
1.15 million 3D vectors/sec
153K anti-aliased vectors/sec
165K triangles/sec; 84K quads/sec
24-bit color + 8 overlay planes
24-bit hardware Z buffer
12/12 plane double buffering | • Exceptional application performance
• Clear display of complex wireframe 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 |
| TurboVRX T4 (24-bit Color, 3D solids and visualization, 19", 1280 x 1024, 72 Hz)
471K anti-aliased vec/sec
317K triangles/sec; 155K quads/sec
24 image planes
24-bit Z buffer + 4 overlay planes | • Highest-performance rendering allows manipulation of the largest models
• Real-time rendering of large 3D models
• Realism eliminates errors and reduces costly prototype cycles
• High-performance hidden line and surface removal |
| Dual CRX | • Support of two 19" 1280 x 1024 monitors for increased screen space |

Graphics Software

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| X11/PHIGS, X11/Starbase, X11/GKS
PowerShade w/Personal Visualizer | • Speed and realism through standards enhance the capabilities of all applications
• Low-cost access to dynamic shading and highly realistic renderings |
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Memory and Cache

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| 16-128MB ECC RAM; 128KB Instr. Cache, 256KB Data Cache | • Improves application performance |
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Mass Storage and Removable Media

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| 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 | • A wide range of mass storage options for easy access to large amounts of data
• Increased capacity, reliability, and performance |
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Connectivity

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| Integrated I/O Subsystem: IEEE 802.3;
EISA, SCSI-2, RS 232(2),
Centronics, HP-HIL | • Low cost, high performance
• Allows quick and easy integration in heterogeneous networks
• Simple connection of high-speed, low-cost disks and other peripherals |
| Optional: FDDI, X.25, IEEE 802.5 token ring, HP-IB, fast differential SCSI | |

Cooperative Computing Products

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| NCS, Passwd Etc., Task Broker, NetLS,
OpenView Network Node Manager | • 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 |
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User-friendly Features

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| HP VUE, OSF/Motif, X11 Window System
Instant Ignition | • Ease of use through standards
• Provides immediate productivity through a preinstalled and preconfigured environment |
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