

HP Apollo Series 700 Model 730 Workstation



Overview

The PA-RISC-based HP Apollo Series 700 Model 730 delivers the best performance on a desktop. Integrated graphics include the industry's fastest X11 and 2D/3D vector performance. Outstanding 3D color modelling and rendering options are also supported.

The Model 730 supports the UNIX-based, HP-UX 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 or for the location of your local HP sales office, call 1-800-752-0900. In areas outside the U.S., contact your local HP sales office.

Features

Benefits

CPU Performance (66 MHz PA-RISC Processor)

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| 76 MIPS Integer | • Industry's highest performance desktop workstation |
| 72.2 SPECmarks | |
| 22 MFLOPS Floating Point | • Speeds technical computations |

Graphics Options

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| GRX (Grayscale, 19", 1280 x 1024, 72 Hz)
910,000 X11 vectors/sec
1.15 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)
910,000 X11 vectors/sec
1.15 million 2D/3D vec/sec
8-bit color
8/8 plane double buffering
GPCmark 3D Wireframe: 24* | • 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
• Exceptional application performance |
| PersonalVRX (Color, 3D solids, 19", 1280 x 1024, 60 Hz)
54,000 triangles/sec
37,000 quads/sec
16-bit Z buffer
Virtual 24-plane dithering
GPCmark 3D Solid: 16.5* | • Fast solids rendering through X11/Starbase and X11/PHIGS
• Speeds modelling and design
• Realism eliminates errors and reduces costly prototypes
• Exceptional application performance |
| TurboVRX T2/T4 (Color, 3D visualization, 19", 1280 x 1024, 72 Hz)
671K/882K anti-aliased vec/sec
216K/330K triangles/sec
98K/195K quads/sec
24 image planes
24-bit Z buffer + 4 overlay planes
6th Order NURBS
GPCmark 3D Solid: 40/70* | • Highest performance rendering allows manipulation of the largest models
• Realism eliminates errors and reduces costly prototype cycles
• Provides realistic, complex shapes/curves
• Exceptional application performance |

Graphics Software

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| X11/PHIGS, X11/Starbase, X11/GKS
Wavefront's Personal Visualizer
(with PVRX and TVRX options) | • Speed and realism through standards enhance the capabilities of all applications
• Allows users to produce highly realistic renderings without large investment or training |
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Memory and Cache

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| High bandwidth (128 bits)
CPU & RAM interface
16-64MB ECC RAM
128KByte Instruction Cache
256KByte Data Cache | • Improves application performance |
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Mass Storage

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| 210-840MB Internal
10GB max. Disk with SCSI-II Plug-in
600MB CD ROM, 1.3GB 4mmDAT | • A wide range of mass storage options to meet the need for easy access to large amounts of data |
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Standard Interfaces

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| Integrated I/O Subsystem
IEEE 802.3 (Thick & Thin Net)
EISA (1 Slot), SCSI-II, 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 |
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Cooperative Computing Products

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| NCS, Passwd Etc.
Task Broker
Net LS | • Supports distributed applications, ease of administration in a networked environment
• Provides users with access to all available power on the network
• Allows licensing of applications based on actual usage |
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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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*Series of benchmarks from NCGA.

