

# HP Workstation j6750



The HP Workstation j6750 is flexible, high memory capacity, dual PA-8700 750 MHz or dual PA-8700+ 875 MHz processor UNIX<sup>®</sup> workstations providing incredible performance for handling very large design files, reducing the total compute time required, and enabling quicker time to market. Whether used as a deskside configuration optimized for your office environment or a racked solution, the HP's j6750's performance and reliability will satisfy the most demanding user. When you need the capacity for today's toughest designs and simulations with room to spare for even bigger workloads, look to the HP Workstation j6750.

## Features

- **Dual 875 MHz PA-8700+ processors:** Puts more compute and visualization power behind EDA and CAE applications and provides higher application performance at a lower price.
- **16 GB SDRAM capacity:** Supports analysis of larger models and delivers higher application performance with less disk access; largest memory available.
- **Up to 292 GB of Ultra2 SCSI storage:** Faster read and write times with less pressure on the processor thanks to the dedicated SCSI interface. Provides the ability to store very large models and retrieve them quickly.

- **64-bit 64-bit operating system and microprocessor:** Furnishes large address spaces for improved large processing performance such as full-chip simulation, logic synthesis and design rule checking
- **1.9 GB/s I/O peak performance:** Provides fast data transfer to I/O for excellent file server performance
- **Efficient rack mountable design:** Increase system versatility and redeployability with flexible configurations, save space – up to 20 systems per 2 m rack
- **Full range of graphics cards:** HP offers a complete line from professional 2D to high-end 3D, providing the power you need for mechanical design, analysis, and accurate 2D imagery.
- **Binary compatibility with future PA-RISC and Intel<sup>®</sup> Itanium<sup>®</sup> processors:** Ensures smooth transition to HP's next-generation high-performance systems, protects your investment in applications, data and systems.

dual 64-bit performance



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## Specifications

<b>Form factor</b>	Desktop minitower and rackable
<b>Processor</b>	Up to two PA-8700+ processors at 875 MHz with 2.25 MB on-chip L1 cache (0.75 MB instruction, 1.5 MB data)
<b>Memory</b>	Up to 16 GB of PC120 SDRAM (16 DIMM slots)
<b>Expansion bays</b>	1 slim line external optical bay, 2 internal 3.25 inch bays
<b>Drive controllers</b>	1 integrated Ultra2 SCSI LVD
<b>Hard drives</b>	Up to two 36 or 146 GB (10K rpm) or 73 GB (15K rpm) Ultra 2 SCSI LVD drives (292 GB max.)
<b>Removable media</b>	1 slim line DVD or DVD/CD-RW combo drive
<b>Expansion slots</b>	3 total; 3 full-length 64-bit/66 MHz PCI-X
<b>Graphics</b>	2D & entry 3D: HP fxe; 3 max., 24 MB unified memory, 9.5 MB maximum texture memory at 1280 x 1024 resolution Mid-range 3D: HP fx <sup>10</sup> pro; 2 max., 128 MB unified memory, 110 MB maximum texture memory at 1280 x 1024 resolution High end 3D: HP Fire GL-UX; 2 max., 128 MB unified memory, 110 MB maximum texture memory at 1280 x 1024 resolution
<b>Audio</b>	Integrated, CD-quality stereo/inputs - stereo line-in, MIC-in/outputs - stereo line-out, internal speaker, headphones
<b>Supported operating systems</b>	HP-UX 11i TCOE (Technical Computing Operating Environment) HP-UX 11i MTOE (Minimal Technical Operating Environment) HP-UX 11.0
<b>I/O ports and connectors</b>	Two 9-pin serial interface DIN ports (rear), 2 USB (Universal Serial Bus) Series A ports for keyboard and mouse only (rear)
<b>Communications</b>	LAN data rate - 10/100 Mb/s
<b>Power</b>	500 watts output
<b>Input device</b>	USB keyboard, 3 button USB mouse (2 button scroll mouse optional)
<b>Dimensions (h x w x d)</b>	Desktop configuration: 49.5 cm (19.5 in.) x 13.7 cm (5.4 in.) x 65.5 cm (25.8 in.) Racked configuration: 2-EIA units x 48.3 cm (19.0 in.) x 62.2 cm (24.5 in.) Rack orientation: horizontal
<b>Weight</b>	Minimum configuration: 18.2 kg (40 lbs.) Fully loaded: 21.8 kg (48 lbs.)
<b>Monitors</b>	HP L1825 18 inch flat panel HP L1925 19 inch flat panel HP L2025 20 inch flat panel HP P930 19 inch flat screen CRT HP P1130 21 inch flat screen CRT HP wide-aspect 24 inch CRT
<b>Warranty</b>	Parts, labor, and on-site service (1-1-1 worldwide); 24X7 telephone support; terms and conditions may vary, certain restrictions apply

Screen image courtesy of EDS PLM.

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5981-3992EN 09/03

