HP c3700 and c3750 Workstations

The HP c3700 and c3750 Workstations are uni-processor RISC-based UNIX™ workstations, each with a single PA-8700 750 MHz or PA-8700+ 875 MHz processor delivering strong 3D graphics performance, expandability and value. Engineers and scientists working in the automotive, aerospace, and EDA markets will particularly appreciate the compute power to help cut product cycle times and shorten time to market. Team the power of the PA-RISC processor with the capacity to support up to 8 GB RAM, 292 GB internal disk, and six PCI cards, and you have a workstation that breaks through traditional bottlenecks of computation and desktop 3D design.

Features

- **750 MHz PA-8700 or 875 MHz PA-8700+ processor:** Delivers application performance to complete your designs faster.

- **2.25 MB on-chip cache:** Minimizes system latency with large L1 cache, enhances system performance with for data sets that will fit in cache, offering greater application speed and throughput.

- **8 GB SDRAM capacity:** Delivers the largest RAM capacity available on any uni-processor workstation for higher application performance with less disk access, supports interactive work with complex 3D designs and digital prototypes.

- **Full range of graphics cards:** HP offers a complete line from professional 2D to high-end 3D cards that have been proven time and time again in manufacturing and design environments around the world. Our 3D cards are ideal for models and assemblies of all sizes; our drivers and hardware work together to provide accurate, artifact-free images.

- **Rack mountable:** Supports on-side configuration as well as upright, desktop placement for space optimization when deployed in your computer rooms.

- **Expansive tower with 6 industry-standard PCI slots:** Provides more capacity for PCI I/O cards for flexibility to expand your system.

- **Binary compatibility with future PA-RISC processors:** Ensures smooth transition to HP's next-generation high-performance systems, protects your investment in applications, data and systems.

Design power

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Specifications

Form factor:	Tower or rackable
Processor	**HP c3700:** PA-8700 processor at 750 MHz with 2.25 MB on-chip L1 cache (0.75 MB instruction, 1.5 MB data cache) **HP c3750:** PA-8700+ processor at 875 MHz with 2.25 MB on-chip L1 cache (0.75 MB instruction, 1.5 MB data cache)
Memory	Up to 8 GB of PC120 SDRAM (8 DIMM slots)
Expansion bays	1 external low profile 5.25 inch floppy drive bay, 1 external 5.25 inch optical bay, 2 internal 3.5 inch bays
Drive controllers	Integrated Ultra2 SCSI LVD, 80-pin SCA connector
Hard drives	Up to two 146 GB (10K rpm) or 73 GB (15K rpm) Ultra2 SCSI LVD drives (292 GB max.)
Removable media	3.5 inch 1.44 MB floppy drive, DVD-ROM or CD-RW
Expansion slots	6 total; 2 half length 32-bit 33 MHz PCI, 3 full length 64-bit 33 MHz PCI, 1 full length 64-bit 100 MHz PCI-X

Graphics	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^{10} 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

Audio	Integrated 16-bit stereo full-duplex, CD-quality stereo/inputs - stereo line-in, MIC-in/outputs - stereo line-out, internal speaker, headphones
Supported operating systems	HP-UX 11i TCOE (Technical Computing Operating Environment) HP-UX 11i MTOE (Minimal Technical Operating Environment) HP-UX 11.0
I/O ports and connectors	Two 9-pin serial interface DIN ports (rear), one 25-pin parallel DIN port (rear), 2 USB (Universal Serial Bus) Series A ports for keyboard and mouse only (rear)
Communications	Integrated 10/100 LAN
Power	515 watts output
Input device	USB keyboard, 3 button USB mouse (2 button scroll mouse optional)
Physical dimensions (h x w x d)	Deskside configuration: 44.5 cm (17.5 in.) x 22.9 cm (9.0 in.) x 49.5 cm (19.5 in.) Racked configuration: 6 EIA units x 48.3 cm (19 in.) x 66.5 cm (25.8 in.) Rack orientation: horizontal
Weight	Minimum configuration: 20.9 kg (45.9 lbs) Fully loaded: 25.4 kg (55.8 lbs)
Monitors	HP L1755 17-inch flat panel, HP L1955 19-inch flat panel, HP L2035 20.1-inch flat panel, HP L2335 23-inch flat panel (not compatible with HP fxe graphics card), HP P1230 22-inch CRT
Warranty	One year parts, labor, and on-site service, 24X7 telephone support in many countries; terms and conditions may vary, certain restrictions apply

To learn more, visit www.hp.com/go/workstations

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