

HP c8000 Workstation



Supporting the latest high-end AGP 8X graphics and delivering enhanced processor power and memory, the 64-bit HP c8000 Workstation sets new standards for UNIX performance. This platform is capable of tackling the most demanding technical workloads – bringing 2-way and 4-way computing power to the desktop. The HP c8000 is designed to be compatible with your existing HP-UX application infrastructure and is so quiet, it can integrate seamlessly into any office environment.

Cutting-edge RISC technology

900 MHz and 1 GHz PA-8800 or 1.1 GHz PA-8900 dual-core processor modules provide unprecedented 2-way capability at 1-way price and 4-way performance at a 2-way price. In addition the HP c8000 features an HP zx1 chipset, designed for 1-to-4-way systems and enabling greater-than-clock-rate scaling for technical workstation applications.

Break-through graphics performance

The HP c8000 features industry-leading ATI Graphics and supports the FireGL X3-256 graphics card allowing users to create complex visual effects and designs. At the forefront of innovation, HP is the only vendor providing AGP-based graphics that support two display outputs in 3-D active stereo and edge blending for Unix-based single workstation platforms.

Exceptional memory and storage capability

Supporting 32 GB of high-performance error checking and correcting SDRAM, the HP c8000 is designed to handle the largest of workloads. A choice from four internal Ultra320 SCSI drives at either high-speed and high-capacity 10,000 rpm or extreme performance 15,000 rpm delivers up to 1.2 TB of available SCSI storage.

Ready now, ready for the future

As adaptable as you need to be, this platform offers 2 processor sockets, 4 HDD bays and 3 externally accessible bays so you can grow and configure your system when needed.

Stylish and whisper quiet

Producing just 4.2 bels of sound – the equivalent of a whisper, this is the quietest UNIX workstation available today. The HP c8000 is attractively designed to blend into the office environment seamlessly and without taking up valuable space.

Power and cutting-edge graphics for industry-leading UNIX performance



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Form factor	Tower or rackable tool-less chassis
Operating system	HP-UX 11i TCOE (Technical Computing Operating Environment) HP-UX 11i MTOE (Minimal Technical Operating Environment)
Processor	1 or 2 dual-core PA-8800 or PA-8900 processors (2-way 900 MHz PA-8800 with 3 MB L1 cache, 2 or 4-way 900 MHz or 1 GHz PA-8800 3 MB L1 and 32 MB L2 cache or 2 or 4-way 1.1 GHz PA-8900 with 3 MB L1 cache and 64 MB L2 cache)
Front Side Bus	400 MHz Front Side Bus
Chipset	HP Scalable Processor Chipset zx1
Memory	Up to 32 GB of PC2100 registered ECC DDR-266 (4 DIMM slots)
Maximum Memory	Up to 32 GB
Hard drive(s)	Ultra320 SCSI drives, maximum storage: 584 GB 73, 146 or 300 GB with 10000 rpm or 73 GB with 15000 rpm
Expansion Bays	3 externally accessible 5.25-inch bays 4 internal 3.5-inch HDD bays
CD-ROM/DVD	DVD-ROM, CD-RW (up to 3 with SCSI disks)
Drive Controllers	Ultra 2 LVD SCSI controller
Graphics	Professional 2D: HP fxe (1 display per card, max. 4), Entry-level 3D: ATI FireGL T2 (dual display capable), Mid-range 3D: ATI FireGL X1 (dual display capable) or High-end 3D: ATI FireGL X3 (dual display capable)
Expansion slots	1 AGP-8X Pro slot (150W max power including Auxiliary power connector), 6 PCI slots – 4 full-length (one 64-bit/133 MHz PCI-X, two 64-bit/66 MHz PCI-X, one 64-bit/33 MHz PCI) 2 half-length (32-bit/33 MHz PCI)
Audio	16-bit stereo full-duplex – uses half-length slot
Networking / communication	Integrated 10/100/1000 Mbps Intel® 82540EM (Kenai32), Wake-on-LAN
I/O ports and connectors	5 USB 2.0 ports (2 front, 3 rear), two 9-pin DIN serial (rear), one RJ-45 port (rear), optional: Firewire IEEE 1394 with 3 ports (2 rear, 1 internal)
Power	690 watts
Input devices	USB keyboard USB 3-button scroll mouse, space mouse
Dimensions (W x D x H)	Tower: 20.3 x 57.2 x 49.0 cm, Rackable: 42.4 x 57.2 x 20.3 cm
Weight	Tower: 22.5-28.3 kg, Rackable: 21.9-27.8 kg
Monitors	HP L1955 19in Flat Panel Monitor, HP L2035 20.1in Flat Panel Monitor, HP L2335 23in Flat Panel Monitor (not compatible with HP fxe graphics card). All sold separately
Warranty	1-year parts, labour, and next-day on-site service, upgrades available to same-day service, 24 x 7 telephone support Terms and conditions may vary, restrictions apply

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For more information, please visit www.hp.com/eur/workstations

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