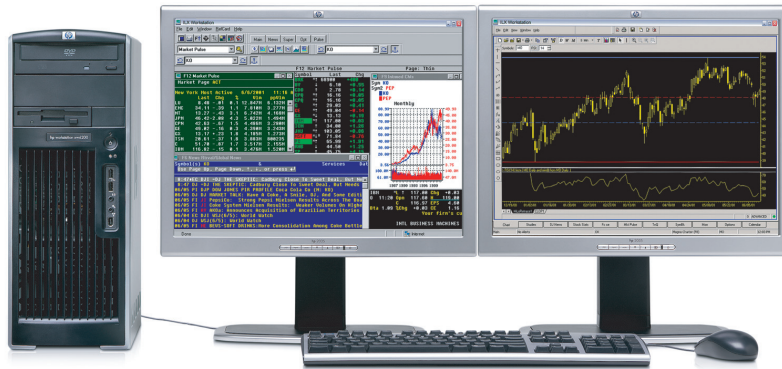


HP xw6200 Workstation

HP recommends Microsoft® Windows® XP Professional.



Scalable, expandable, dual processing workstation in an industry-leading small package.
Expansive power and visualization for constrained spaces.

Limited space? Big computing demands? Designed for demanding, space-constrained environments, the HP xw6200 features the latest Intel® Xeon® technology in a tool-less chassis design which allows easy access for service or upgrades. The HP xw6200 provides the financial analyst, engineer, or designer a wide range of ISV-certified 3D & 2D PCI Express graphics solutions and storage choices.

Get the highest performance Intel technology available on a personal workstation

Intel's E7525 high-end performance chipset for Intel Xeon processors with EM64T supports dual-processing, an 800 MHz system bus (6.4 GB/sec bandwidth) and a dual channel PC3200 DDR2 400 MHz SDRAM memory subsystem.

Save space—service conveniently

One of the smallest dual-processor form factors in the industry, the HP xw6200 fits neatly into cramped workspaces such as financial traders' desks.

View 8 monitors simultaneously

The HP xw6200 supports up to 8 monitors, allowing visualization of huge amounts of data from multiple sources with less need to toggle between different applications displayed on multiple screens.

Enable advanced high-performance visualization

PCI Express (PCIe) x16 graphics interface proves four times the total peak bandwidth and two times the unidirectional bandwidth of AGP 8X graphics.

Significantly increase bandwidth with one slot for PCIe X4 I/O

The next generation I/O interface increases bandwidth 1 GB/s (unidirectional) and 2 GB/s (bidirectional). Cards plugging into the interface no longer share data bandwidth with other cards.

Custom configure your workstation

HP Performance Tuning Framework, available on HP workstations with Microsoft® Windows®, will guide your setup, allowing a "custom" configuration that tightly matches the workstation-to-user requirements. PTF facilitates configuring and optimizing the latest graphics cards and drives and removes some memory restraints. For more information, go to: www.hp.com/go/framework



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Specifications

Form factor	Rackable minitower
Operating systems	Preinstalled Microsoft® Windows® XP Professional x64 Edition (64-bit) – workstation is WHQL certified, or preinstalled Microsoft Windows XP Professional (32-bit) – workstation is WHQL certified, or Microsoft Windows 2000 Professional supported or preinstalled Red Hat Enterprise Linux® WS 3 (64-bit), or HP Installer Kit for Linux (includes 32-bit and 64-bit drivers)
Available processors	One or two Intel® Xeon® processor(s) with EM64T ⁱ and Hyper-Threading Technology ⁱⁱ at 2.80, 3.00, 3.20, 3.40, 3.60 and 3.80 GHz with 2 MB L2 cache, all support 800 MHz Front Side Bus
Chipset	Intel E7525 (supports 800 MHz Front Side Bus)
Memory	Up to 8 GB of ECC registered DDR2 400 MHz SDRAM in 4 DIMM slots (2 pairs), dual-channel architecture)
Drive controllers	Integrated dual channel SATA 1.5 Gb/s controller with RAID 0 or 1 ⁱⁱⁱ capability, opt. single channel Ultra320 SCSI controller, opt. single channel Ultra320 SCSI controller with RAID 0, 1, 10, 5 capability ⁱⁱⁱ
Hard drive(s)	Up to 2 SATA drives, 1 TB max.; 74 GB (10,000 rpm) SATA 1.5 Gb/s, or 80, 250 GB (7200 rpm) SATA 3 Gb/s ^{iv} or 160, 500 GB (7200 rpm) SATA 3 Gb/s NCQ ^{iv} Up to 3* Ultra320 SCSI drives, 900 GB max.; 73, 146, 300 GB (10K rpm) or 36, 73 GB (15K rpm) * Using one external 5.25 inch drive bay
Optical drives	48X CD-ROM, 48X CD-RW, 16X DVD-ROM, 48X CD-RW/DVD combo, 16X DVD+/-RW DL with LightScribe Direct Disc Labeling (Microsoft Windows 2000 & XP only, requires LightScribe media for labeling)
Drive bays	2 external 5.25 inch bays, 2 internal 3.5 inch bays, 1 external 3.5 inch bay with optional floppy
Slots	6 slots: 1 PCIe x16 graphics slot, 1 PCIe x8 mechanically (x4 electrically), and 4 legacy PCI slots
Graphics	Professional 2D: NVIDIA Quadro NVS 440 (PCIe), Quadro NVS 285 with NVIDIA TurboCache technology (PCIe) Entry 3D: ATI FireGL V3100 (PCIe), NVIDIA Quadro FX 540 (PCIe) Midrange 3D: NVIDIA Quadro FX 1400 (PCIe), ATI FireGL V5100 (PCIe) High-end 3D: NVIDIA Quadro FX 3450 (PCIe)
Audio	Integrated AC'97/16-bit stereo full-duplex, opt. Sound Blaster X-Fi XtremeMusic (PCI), opt. Sound Blaster Audigy 2 ZS (PCI)
Network	Integrated Broadcom 5751 Gigabit LAN-On-Motherboard with PCIe interface, opt. Broadcom 5751 Gigabit NIC (PCIe) with failover support
Ports	Front: Headphone, microphone, and 2 USB 2.0, 1 IEEE 1394 (requires PCI card to enable functionality) Rear: 6 USB, 1 standard serial port, 1 parallel port, PS/2 keyboard and mouse, 1 RJ-45, 1 audio in, 1 audio out, 1 mic in
Input devices	USB or PS/2 keyboard; choice of 2-button scroll mouse (optical or mechanical); 3-button mouse (optical); USB SpaceBall, USB SpacePilot
Dimensions (H x W x D)	17.35 inches (44.1 cm) x 6.5 inches (16.5 cm) x 17.32 inches (44.0 cm)
Power	500 watts
Monitors	HP L1755 17 inch flat panel, HP L1955 19 inch flat panel, HP LP2065 20.1 inch flat panel, HP L2335 23 inch flat panel
Warranty	Basic 3 years next business day, parts, labor, and 8x5 phone support; terms and conditions may vary, certain restrictions apply

i An EM64T enabled workstation should provide leading performance for many 32-bit applications. Although not all 32-bit applications may run as normal when you decide to change to a 64-bit operating system, many will, providing excellent flexibility. It is advised to pre-test your applications by visiting Microsoft's 64-bit 120 day free trial before you order EM64T (www.microsoft.com/windowsxp/64bit/evaluation/trial.mspx). EM64T requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel 64-bit processor will not operate (including 32-bit operation) without a 64-bit enabled BIOS. Performance will vary depending on your hardware and software configurations. See www.intel.com/info/em64t for more information including details on which processors support Intel EM64T or consult with your system vendor for more information.

ii Hyper-Threading (HT) Technology requires a computer system with an Intel processor supporting HT Technology and an HT Technology enabled chipset, BIOS, and operating system. Performance will vary depending on the specific hardware and software you use. See <http://www.intel.com/info/hyperthreading/> for more information including details on which processors support HT Technology.

iii Hardware RAID is not supported on Linux systems. The Linux kernel, with built-in software RAID, provides excellent functionality and performance. It is a good alternative to hardware-based RAID. Please visit <http://h20000.www2.hp.com/bc/docs/support/SupportManual/c00060684/c00060684.pdf> for RAID capabilities with Linux.

iv SATA 3 Gb/s drives perform as SATA 1.5 Gb/s using integrated controller, Native Command Queuing (NCQ) is not enabled

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For more information, visit www.hp.com/go/workstations

4AA0-1536ENW, February 2006

