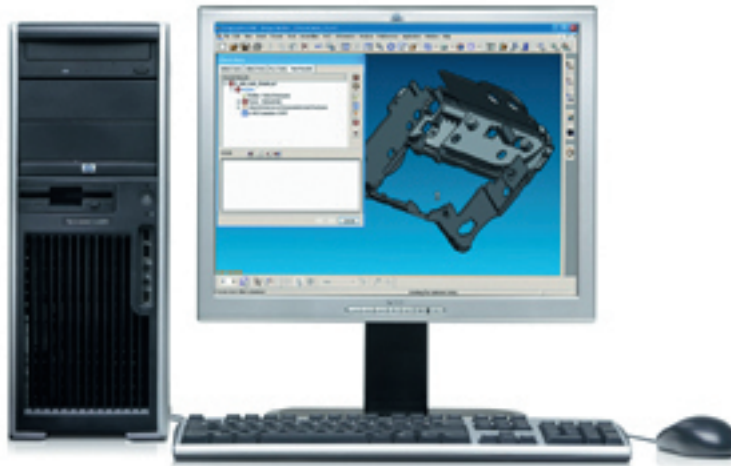


# HP xw4200 Workstation



The HP xw4200 Workstation combines leading Intel® and graphics technologies, to deliver excellent uni-processor performance to designers, engineers, architects and all other demanding power users. The versatile xw4200 provides incredible investment protection value as a transition tool to 64-bit computing — 32-bit applications run at full performance on an architecture that is also capable of supporting 64-bit operating systems and applications.

#### **Proven workstation technology for outstanding uni-processor performance**

The HP xw4200 features Intel's 925X Express chipset and Pentium® 4 processors enabling DDR-2 533 MHz ECC memory — reduced power consumption and increased data throughput. Intel's EM64T expands addressable memory space to 256 TB allowing users to design and manipulate huge data sets and models. Featuring PCI Express (x16) graphics interface, the xw4200 provides four times the total peak bandwidth and two times the uni-directional bandwidth of AGP graphics, delivering visual accuracy, image clarity and exceptional entry 2D, to high-end 3D performance.

#### **Versatile chassis**

This convertible minitower workstation is so versatile, allowing for either a desk-side or desktop configuration, and features an innovative and award-winning, tool-less chassis, designed for easier upgrades, maintenance and serviceability.

**HP recommends Microsoft® Windows® XP Professional**

#### **Exceptional expansion capabilities**

Supporting 4 internal hard disk drives, 8 USB ports, 6 bays/ 7 slots, 4 legacy PCI slots, 1 PCI Express (x16) graphics slot and 2 PCI Express (x1) I/O slots, this expandable workstation is engineered to evolve with your ever-changing business requirements. HP MultiBay support allows you to share optical drives, hard drives and floppy drives between your HP mobile workstation, business desktop and your HP xw4200.

#### **Significantly increase data access speed**

Featuring integrated four-channel SATA controller with RAID, the HP xw4200 provides faster access to data through greater bandwidth (vs. parallel ATA), and has four channels that allow you to attach up to four hard drives within the system.

Affordable uni-processor workstation featuring proven and reliable technology



# HP xw4200 Workstation

HP recommends Microsoft® Windows® XP Professional

<b>Form factor</b>	Convertible minitower
<b>Operating system</b>	Microsoft® Windows® XP Professional Red Hat Enterprise Linux WS 3.0 HP Installer Kit for Linux
<b>Processor</b>	Intel® Pentium® 4 Processor 2.80 GHz, 1 MB, 800 MHz FSB Intel® Pentium® 4 Processor 3.00 GHz, 1 MB, 800 MHz FSB Intel® Pentium® 4 Processor 3.20 GHz, 1 MB, 800 MHz FSB, EM64T Intel® Pentium® 4 Processor 3.40 GHz, 1 MB, 800 MHz FSB, EM64T Intel® Pentium® 4 Processor 3.60 GHz, 1 MB, 800 MHz FSB, EM64T Intel® Pentium® 4 Processor 3.80 GHz, 1 MB, 800 MHz FSB, EM64T All processors support Hyper-Threading Technology
<b>Front Side Bus</b>	800 MHz Front Side Bus
<b>Chipset</b>	Intel® 925X Express
<b>Memory</b>	DDR-2 533 MHz ECC
<b>Maximum Memory</b>	4 GB
<b>Hard drive(s)</b>	Up to 4 SATA drives (using two external 5.25" drive bays), 1.6 TB maximum, 40, 80, 160, 250, 400 GB (7200 rpm) or 74 GB (10000 rpm), RAID 0 or 1 capable Up to 3 Ultra320 SCSI devices, 900 GB maximum, 73, 300 GB (10000 rpm) or 36, 73, 146 GB (15000 rpm) From 7200 to 15000 rpm
<b>Expansion Bays</b>	3 external 5.25" bays, 1 external 3.5" bay (third external 5.25 inch bay is not full-depth) 2 internal 3.5" bays, optional HP Multi bay support
<b>CD-ROM/DVD</b>	48X CD-ROM, 48X CD-RW, 16X DVD-ROM, 48X CD-RW/DVD combo, 16X DVD+/-RW
<b>Drive Controllers</b>	Integrated four-channel Serial ATA controller with RAID, optional Ultra320 SCSI controller/drives (2 versions: Basic or Full Featured), optional Ultra320 RAID controller
<b>Graphics</b>	Professional 2D: NVIDIA Quadro NVS 280 PCI (64 MB), NVIDIA Quadro NVS 280 PCI Express (64 MB) Entry 3D: ATI FireGL V3100 PCI Express (128 MB), NVIDIA Quadro FX 540 PCI Express (128 MB) Mid-range 3D: NVIDIA Quadro FX 1400 PCI Express (128 MB), ATI FireGL V5100 PCI Express (128 MB) High-end 3D: NVIDIA Quadro FX 3400 PCI Express (256 MB) All cards are optional
<b>Expansion slots</b>	6 bays/7 slots 1 PCI Express (x16) graphics slot, 2 PCI Express (x1) I/O slots, and 4 legacy PCI slots
<b>Audio</b>	Integrated AC'97/16-bit stereo full-duplex
<b>Networking / communication</b>	Integrated Broadcom 10/100/1000 LAN with PCI Express interface, optional 10/100/1000 PCI or PCI-E NIC
<b>I/O ports and connectors</b>	Front: Headphone, microphone, and 2 USB 2.0, 1 optional IEEE 1394 Rear: 6 USB, 1 standard serial port, 1 optional serial port, 1 parallel port, PS/2 keyboard and mouse, 1 RJ-45, 1 audio in, audio out/headphone, stereo microphone, 2 optional IEEE 1394
<b>Power</b>	410 watts
<b>Security</b>	Chassis lock, USB ports that can be deactivated, optional remotely lockable solenoid hood lock, Kensington lock provision, optional chassis clamp lock, optional rear port controller
<b>Input devices</b>	HP Standard Keyboard (USB or PS/2) Choice of 2-button scroll mouse (optical or mechanical) or 3-button mouse (optical or mechanical)
<b>Dimensions (W x D x H)</b>	17.0 x 45.7 x 44.9 cm
<b>Weight</b>	Minimum configuration: 15 kg Maximum configuration: 18 kg
<b>Monitors</b>	HP L1755 17in Flat Panel Monitor, HP L1955 19in Flat Panel Monitor, HP L2035 20.1in Flat Panel Monitor, HP L2335 23in Flat Panel Monitor (all sold separately)
<b>Warranty</b>	3-year worldwide parts, labour and next business day onsite service



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