



## Workspace innovation with commanding performance

HP recommends Windows Vista® Business.

### HP xw6600 Workstation

The HP xw6600 Workstation is designed and engineered for environments where space is at a premium and noise must be minimized. Delivering an intriguing mix of high performance and design, the HP xw6600 offers maximum computing horsepower in an optimally-sized form factor with the flexibility to meet the needs of the professional.

#### **Uniquely unobtrusive**

The HP xw6600's small form factor and quiet operation can help you build a more productive work environment in which to create, design, analyze or produce. Though it is one of the smallest dual processor socket workstations in the industry, the HP xw6600 Workstation delivers uncompromised performance and future-ready expandability. Through close attention to airflows, quiet fan technology, internal board and system layout and other core engineering designing principles, the HP xw6600 has a distinctly quiet and thermally-efficient acoustic signature.

#### **Clearly powerful**

Next-generation dual and quad-core Intel processor and chipset technology help enable your staff and business to accomplish more in less time. With dual Gen2 PCI-e interfaces, the HP xw6600 leverages an architecture that can deliver up to twice the graphic performance of previous systems. Add more visual capability and flexibility with the HP xw6600's support of up to 4 3D displays or up to 8 2D displays. And, with an energy-wise system design you can lower your energy consumption and reduce your power costs with a choice of 65 or 80 watt processors and an 80 PLUS efficiency power supply.

#### **Consistently reliable**

Ensure the smooth operation of your business with confidence, through up-time focused engineering, certified solutions and world-class service and support. HP engineers work onsite with ISVs to test and certify applications, OS and hardware configurations to ensure that applications run better, faster and with greater reliability. HP workstations are backed by dedicated HP service and support, with up to a five-year limited warranty and 24/7 support.



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<b>Form factor</b>	Minitower, rack-mountable
<b>Operating system</b>	Genuine Windows Vista® Business 32-bit Genuine Windows Vista® Business 64-bit Genuine Windows Vista® Business 32-bit downgrade to Genuine Windows® XP Professional 32-bit Genuine Windows Vista® Business 64-bit downgrade to Genuine Windows® XP Professional 64-bit Red Hat Enterprise Linux® WS 4 64-bit
<b>Product note</b>	Not all Windows Vista® features are available for use on all Windows Vista Capable PCs. All Windows Vista Capable PCs will run the core experiences of Windows Vista, such as innovations in organizing and finding information, security, and reliability. Some features available in premium editions of Windows Vista – like the new Windows® Aero™ user interface – require advanced or additional hardware. Check <a href="http://www.windowsvista.com/getready">www.windowsvista.com/getready</a> for details.
<b>Processor</b>	One or two Dual Core Intel® Xeon® processors 5205 / 5240 / 5260 (1.86 to 3.33 GHz, 6 MB L2 cache, 1066 or 1333 MHz FSB), or, one or two Quad Core™ Intel® Xeon® processors 5405 / 5410 / 5420 / 5430 / 5440 / 5450 (2.00 to 3.00 GHz, 2x6 MB L2 cache 1333 MHz FSB)
<b>Front Side Bus</b>	Up to 1333 MHz Front Side Bus
<b>Chipset</b>	Intel® 5400
<b>Memory</b>	DDR-2 667 MHz ECC fully buffered
<b>Maximum Memory</b>	Up to 32 GB
<b>Hard drive(s)</b>	Up to 3 SATA drives, 3.0 TB maximum, 80, 160, 250, 500 or 1000MB (7200rpm) or 160MB (10000rpm); or up to 3 SAS drives, 73, 146 MB (10000 rpm, 2.5" SAS) or 73, 146, 300 GB (15000 rpm) From 7200 to 15000 rpm
<b>Expansion Bays</b>	2 external 5.25" bays and 1 external 3.5" bay for optional floppy drive 2 internal 3.5" bays or 3 internal 2.5" bays
<b>CD-ROM/DVD</b>	SATA 16X DVD-ROM, SATA 48X DVD/CD-RW Combo Drive, SATA DVD+/-RW Supermulti with Lightscribe
<b>Drive Controllers</b>	Integrated SATA 3 Gb/s controller with RAID (0, 1,5) capability
<b>Graphics</b>	Professional 2D: NVIDIA Quadro NVS 290 (256 MB, up to two cards), NVIDIA Quadro NVS 440 (256 MB, up to two cards) Entry 3D: NVIDIA Quadro FX 370 (256 MB, up to two cards), NVIDIA Quadro FX 570 (256 MB, up to two cards) Mid-range 3D: NVIDIA Quadro FX 1700 (512 MB, up to two cards), ATI FireGL V5600 (512 MB, up to two cards) High-end 3D: NVIDIA Quadro FX 4600 (768 MB). All cards are optional and are all PCI Express.
<b>Expansion slots</b>	6 full length slots: 2 PCI Express (x16) Gen2 Graphics slots, 2 PCI Express (x8 mechanically, x4 electrically) slots, 2 legacy PCI slots
<b>Audio</b>	High Definition Integrated Realtek ALC262 Audio. Optional Sound Blaster X-Fi XtremeGamer Audio Card
<b>Networking / communication</b>	Integrated Broadcom 5755 Netxtreme Gigabit PCIe LAN, optional Broadcom 5751 Netxtreme Gigabit PCIe, optional Intel Pro 1000 PT Gigabit Ethernet Controller PCIe
<b>I/O ports and connectors</b>	Front: headphone, microphone, 2 USB 2.0 and 1 optional IEEE 1394A Rear: 5 USB 2.0, 1 optional serial port, 2 PS/2 keyboard and mouse, 1 RJ-45 to integrated Gigabit LAN, audio In, audio Out, microphone 1 USB 2.0 (internal)
<b>Power</b>	650 watts wide-ranging, active Power Factor Correction, 80 Plus Efficient
<b>Input devices</b>	HP Standard Keyboard (USB or PS/2) USB 2-button Optical Scroll Mouse, USB 3-button Optical Mouse, PS/2 2-Button Optical Scroll Mouse
<b>Dimensions (W x D x H)</b>	16.5 x 44.0 x 44.1 cm
<b>Weight</b>	Minimum configuration: 14.60 kg Maximum configuration: 18.11 kg
<b>Monitors</b>	HP LP3065 30in Flat Panel Monitor, HP LP2465 24in Flat Panel Monitor, HP LP2065 20.1in Flat Panel Monitor, HP LP1965 19in Flat Panel Monitor (all sold separately)
<b>Warranty</b>	3-year worldwide parts, labour and next business day onsite service Terms and conditions may vary, restrictions apply

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For more information, please visit [www.hp.com/eur/workstations](http://www.hp.com/eur/workstations)



## Recommended accessories

**HP 500 GB SATA 3.0Gb/s NCQ  
7200 rpm Hard Drive**



Serial ATA Hard Drives maximise the performance of HP Workstations by providing the technologies to meet your increasing storage demands. These 500 GB drives offer all the capacity, reliability and performance you need.

Product number: PV943A

**HP 512MB PC2-5300F ECC  
Registered DDR2-667 MHz  
FB-DIMM**



Upgrade your memory in a cost-effective way improving system performance when insufficient memory and hard drive paging is slowing your applications down.

Product number: EM159AA

**HP 1 GB PC2-5300F ECC  
Registered DDR2-667 MHz  
FB-DIMM**



In demand for more memory? This upgrade provides additional memory for handling high-performance software applications and operating systems.

Product number: EM160AA

**NVIDIA Quadro NVS 440 PCI  
Express Graphics Card**



See the bigger picture! This quad display solution supports up to four analog and/or digital monitors enabling users to manage and view more data, more quickly – ideal for professional 2D and multi-display applications.

Product number: PT453A

**ATI FireGL V5600 PCIe (512  
MB) Graphics Card**



Mid-range professional graphics board for CAD, DCC, and visualisation applications. If you're looking for the ultimate price/performance solution, you've just found it.

Product number: GT346AA

