



Raising the bar for entry workstations

HP recommends Windows Vista® Business.

HP Z400 Workstation

With its revolutionary new architecture and bold new industrial design, the HP Z400 Workstation helps you accomplish more with every minute of your time and every dollar of your investment.

Innovation that will transform the way you work

With a smart new chassis that is easy to service, optional liquid cooling and quiet operation to blend unobtrusively into your work environment, the HP Z400 Workstation showcases HP innovation—inside and out; minimize power and cooling costs with ENERGY STAR® qualified systems featuring 85% efficient power supplies and an HP-developed energy-saving feature that helps lower energy consumption in off mode; see, share and show your work across the world with built-in HP SkyRoom collaboration solution which combines real-time 3D graphics sharing and video conferencing.

Performance to help you accomplish more with every minute

Take on bigger computing challenges with the new Intel® QuickPath Technology and your choice of the latest dual- or quad-core Intel® Xeon® processors ¹; run more tasks, processes and applications simultaneously with a workstation that brings together and optimizes the latest processors, memory, graphics and storage technologies; choose from a wide range of professional graphics from NVIDIA and ATI as well as from a breadth of OS options.

Reliability derived from our legendary, confidence-inspiring quality

Close relationships with ISVs help ensure that HP Workstations are fully certified and optimized for your applications; in-depth testing and quality assurance keep you productively up-and-running; HP Performance Tuning Framework helps ease configuration and updates while

optimizing a range of applications; comprehensive, lifetime HP Total Care options, easy HP financing solutions and an array of monitors and other accessories make HP Workstations easy to own and use.



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Form factor	Convertible minitower
Operating system	Genuine Windows Vista® Business with downgrade to Windows XP Professional custom installed Genuine Windows Vista® Business 32-bit Genuine Windows Vista® Business 64-bit Novell Suse SLED 11 HP Installer Kit for Linux
Compatible operating systems	Red Hat Enterprise Linux WS 5 64-bit
Product note	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 www.windowsvista.com/getready for details.
Processor	Intel® Xeon® Dual-Core processor W3503 / W3505 (2.40 to 2.53 GHz, 4 MB L2 cache, 1066 Mhz Memory) or Intel® Xeon® Quad-Core processor W3520 / W3540 / W3570 (2.66 to 3.20 GHz, 8 MB L2 cache, 1066 to 1333 MHz Memory)
Chipset	Intel® X58 Express
Memory	DDR3 1333 MHz ECC Unbuffered DIMMs
Maximum Memory	Up to 16 GB
Hard drive(s)	Up to 4 3.5" SATA drives, 160, 250, 320 or 500 GB, 1 or 1.5 TB (7200 rpm), or up to 4 2.5" SATA drives, 160 or 300 GB SFF (10000 rpm), or up to 4 3.5" SAS drives, 146, 300, 450 or 600 GB (15000 rpm) From 7200 to 15000 rpm
Expansion Bays	3 external 5.25" bays 2 internal 3.5" bays (up to 4 with converter)
CD-ROM/DVD	HP SATA DVD-ROM Drive, HP SATA DVD+/-RW Drive, HP SATA Blu-Ray Writer
Drive Controllers	Integrated SATA 3 Gb/s controller with RAID (0, 1, 5 or 10) capability, optional SAS controller, LSI 3041E 4-port SAS/SATA, with RAID (0, 1 or 10) capability
Graphics	Professional 2D: NVIDIA Quadro NVS 295 (256 MB), NVIDIA Quadro NVS 450 (512 MB) Entry 3D: NVIDIA Quadro FX 380 (256 MB), ATI FirePro V3700 (256 MB), NVIDIA Quadro FX 580 (512 MB) Midrange 3D: NVIDIA Quadro FX 1800 (768 MB), ATI FirePro V5700 (512 MB) High-end 3D: NVIDIA Quadro FX 3800 (1 GB), ATI FirePro V7750 (1 GB), NVIDIA Quadro FX 4800 (1.5 GB), NVIDIA Quadro CX (1.5 GB). All cards are optional and are all PCI Express. Dual Graphics on selected cards.
Expansion slots	2 PCI Express Gen2 x16, 1 PCI Express Gen2 (x8 mechanically, x4 electrically), 1 PCI Express Gen1 (x8 mechanically, x4 electrically), 2 PCI
Audio	Integrated High Definition Realtek ALC262 Audio, optional Creative X-Fi Titanium PCIe Audio Card, optional HP Thin USB Powered Speakers
Networking / communication	Integrated Broadcom 5764 10/100/1000 PCIe LAN, optional Broadcom NIC, optional Intel NIC
I/O ports and connectors	Front: 2 USB 2.0, 1 microphone in, 1 headphone out, optional 1 IEEE 1394a Rear: 6 USB 2.0, 1 audio in, 1 audio out, 1 microphone in, 2 PS/2, 1 RJ-45 to integrated Gigabit LAN, optional 1 serial Internal: 4 USB 2.0
Power	475 watts wide-ranging, active Power Factor Correction, 85% efficient Power Supply
Security	HP Solenoid Hood Lock/Sensor Kit, Kensington Security Cable & Lock
Input devices	HP Standard Keyboard (USB or PS/2) or USB Smart Card Keyboard USB 2-Button Optical Scroll Mouse, USB 3-Button Optical Mouse, USB SpaceExplorer, USB SpacePilot or USB Laser Scroll Mouse
Dimensions (W x D x H)	16.79 x 45.53 x 45.02 cm
Weight	Minimum configuration: 13.5 kg Maximum configuration: 19.6 kg
Monitors	HP LP1965 19-inch LCD Monitor, HP LP2065 20-inch LCD Monitor, HP LP2275w 22-inch Widescreen LCD Monitor, HP LP2475w 24-inch Widescreen LCD Monitor, HP DreamColor LP2480zx Professional Display (24-inch widescreen), HP LP3065 30-inch Widescreen LCD Monitor (all sold separately)
Warranty	3-year worldwide parts, labour and next business day onsite service Terms and conditions may vary, restrictions apply

¹ Dual-Core and Quad-Core technologies are designed to improve performance of multithreaded software products and hardware-aware multitasking operating systems and may require appropriate operating system software for full benefits
check with software provider to determine suitability
not all customers or software applications will necessarily benefit from use of these technologies.

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

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Recommended accessories and services

ATI FirePro V3700 256MB PCIe Graphics Card



The ATI FirePro™ V3700 graphics accelerator is one of HP's entry-level price/performance optimized 3D card featuring a DisplayPort output and 256 MB frame buffer memory

Product number: FY944AA

NVIDIA Quadro FX1800 768MB PCIe Graphics Card



The NVIDIA Quadro FX 1800 graphics board is a leading high-range professional 3D graphics option with 768 MB of fast memory, giving excellent price/performance suitable for CAD, DCC, and visualization applications

Product number: FY946AA

HP 1GB (1x1GB) DDR3-1333 ECC Memory



Upgrading your memory is a cost-effective way to improve system performance when insufficient memory and hard drive paging is slowing your applications down

Product number: FX698AA

HP 2GB (1x2GB) DDR3-1333 ECC Memory



Upgrading your memory is a cost-effective way to improve system performance when insufficient memory and hard drive paging is slowing your applications down

Product number: FX699AA

HP SpacePilot USB 3D Input Device



The industry's first intelligent 3D motion controller, delivering all the functions you need, the second you need them. HP is the only vendor also offering a Performance Tuning Framework for simplified installation and uninterrupted productivity.

Product number: EF390AA

3 years 4-hour 13x5 Onsite Workstation HW Support



Improve your hardware availability and productivity with this prompt HP onsite support service. Extend your hardware warranty coverage with prompt service for key systems and devices.

Product number: U8303E