



HP Z400 Workstation

Raising the bar for entry workstations

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.



Windows®. Life without Walls™. HP recommends Windows 7.

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.

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.

THE
COMPUTER
IS PERSONAL
AGAIN.



SPECIFICATIONS

Form Factor	Convertible minitower
Operating system	Genuine Windows® 7 Professional 64-bit Genuine Windows® 7 Professional 32-bit Genuine Windows® 7 Ultimate 64-bit Novell Suse SLED 11 Linux Red Hat Enterprise Linux WS 5 (drop-in-the-box only) HP Installer Kit for Linux HP Linux Installer Kit includes drivers for both 32-bit & 64-bit OS versions of Red Hat Enterprise Linux WS4 and WS5. Red Hat Enterprise Linux WS5: Software is not loaded on hard drive. URL and software license number for downloading latest version is included in box.
Processor	Intel® Xeon® Six-Core Processor W3680 (3.33 GHz, 12 MB cache, 1333 MHz memory); Intel® Xeon® Quad-Core Processor W3580 (3.33 GHz, 8 MB cache, 1333 MHz memory); Intel® Xeon® Quad-Core Processor W3565 (3.20 GHz, 8 MB cache, 1066 MHz memory); Intel® Xeon® Quad-Core Processor W3550 (3.06 GHz, 8 MB cache, 1066 MHz memory); Intel® Xeon® Quad-Core Processor W3530 (2.80 GHz, 8 MB cache, 1066 MHz memory); Intel® Xeon® Quad-Core Processor W3520 (2.66 GHz, 8 MB cache, 1066 MHz memory); Intel® Xeon® Dual-Core Processor W3505 (2.53 GHz, 4 MB cache, 1066 MHz memory); Intel® Xeon® Dual-Core Processor W3503 (2.40 GHz, 4 MB cache, 1066 MHz memory)
Chipset	Intel® X58 Express
Memory	DDR3 1333 MHz ECC Unbuffered DIMMs
Internal Storage	SATA (7200 rpm) 160 GB up to 2 TB SATA (10000 rpm) 160 GB up to 300 GB SAS (15000 rpm) 146 GB up to 600 GB SATA SILC Solid State Drive up to 160 GB 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
Removable media	HP SATA DVD-ROM Drive, HP SATA DVD+/-RW Drive, HP SATA Blu-Ray Writer
Graphics	Professional 2D, NVIDIA Quadro NVS 295 (256 MB); NVIDIA Quadro NVS 450 (512 MB); NVIDIA Quadro NVS 290 (256 MB) Entry 3D, NVIDIA Quadro FX380 (256 MB); ATI FirePro V3700 (256 MB); NVIDIA Quadro FX580 (512 MB); ATI FirePro V3800 (512 MB); ATI FirePro V4800 (512 MB) Midrange 3D, NVIDIA Quadro FX1800 (768 MB); ATI FirePro V5700 (512 MB); ATI FirePro V5800 (1 GB) High-end 3D, NVIDIA Quadro FX3800 (1 GB); ATI FirePro V7750 (1 GB); NVIDIA Quadro FX4800 (1.5 GB); NVIDIA Quadro 4000 (2 GB); NVIDIA Quadro 5000 (2.5 GB); Elemental Accelerator Software for NVIDIA Quadro
Audio	Integrated High Definition Realtek ALC262 Audio, optional Creative X-Fi Titanium PCIe Audio Card, optional HP Thin USB Powered Speakers
Communications	Integrated Broadcom 5764 10/100/1000 PCIe LAN, optional Broadcom NIC, optional Intel NIC
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
Input Device	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
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)
Security	HP Solenoid Hood Lock/Sensor Kit, Kensington Security Cable & Lock
Dimensions	16.79 x 45.53 x 45.02 cm
Weight	Minimum configuration: 13.5 kg; Maximum configuration: 19.6 kg
Power	475 watts wide-ranging, active Power Factor Correction, 85% efficient Power Supply
Expansion solutions	2 PCI Express Gen2 x16; 1 PCI Express Gen2 (x8 mechanically, x4 electrically); 1 PCI Express Gen1 (x8 mechanically, x4 electrically); 2 PCI; 1 22-in-1 Media Card Reader (optional); 3 external 5.25" bays; 2 internal 3.5" bays (up to 4 with converter)
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.

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

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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 1 GB (1x1GB)
DDR3-1333 MHz ECC
DIMM



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 2 GB (1x2GB)
DDR3-1333 MHz ECC
DIMM



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