HP Z620 Workstation

More versatile than ever before. With up to 16 discrete processor cores, the HP Z620 Workstation packs a ton of computing and visualization power into a quiet, compact footprint. This dual-socket system helps you boost productivity with next-generation Intel® Xeon® processors and support for up to 8 displays.

HP recommends Windows.

Big Possibilities. Compact Form Factor.

With its innovative design, the HP Z620 Workstation gives you a near silent computing solution in a form factor that's a perfect fit for space-constrained environments.
And for easy servicing and upgrades, it features a completely tool-less chassis with integrated handles and a tool-free power supply.

The Performance You Demand.

Get massive system performance with a small footprint. The HP Z620 features the next evolution in processor technology and system architecture, setting the standard for versatility with support for a single Intel E5-1600 Series Xeon® processor or dual Intel E5-2600 Series Xeon® processors.
Now with up to 16 cores, the HP Z620 powerhouse supports a full range of processors, to help you get more done every minute.

Bring Your Ideas To Life Faster.

The HP Z620 is designed to support next generation PCI express Gen3 graphics technology that doubles the bandwidth in and out of the card. The HP Z620 offers a huge variety of professional graphics from NVIDIA and AMD – from Pro 2D to Extreme 3D.
With 800W 90% efficient power supply and support for up to 8 displays, the HP Z620 gives you the freedom of doing and seeing more.

Modify Your Machine.

Customize the HP Z620 Workstation the way you want to with a variety of expansion options, including USB 3.0 for blazing fast speeds and up to 12 memory slots capable of supporting 96GB of the latest generation of DDR3 memory.
With 3 internal drive bays and 2 external bays, choose from a variety of storage types including SATA 7.2K/10K, SAS 10K/15K and SSD.

Complete Peace of Mind.

HP workstations offer BFR/PVC-free and ENERGY STAR® qualified configurations featuring 90% efficient power supplies.

All HP Workstations come with a limited 3-year parts, 3-year labor and 3-year onsite service (3/3/3) standard warranty that is extendable up to 5 years.

HP Z620 Workstation

Form Factor	Rackable minitower
Operating System	Windows 8 Pro 64 Windows® 7 Ultimate 64 Windows® 7 Professional 32 Windows® 7 Professional 64 Red Hat Enterprise Linux WS 5 HP Installer Kit for Linux
Processor	Intel® Xeon® E5-1603 (2.8 GHz, 10 MB cache, 4 cores); Intel® Xeon® E5-1607 (3 GHz, 10 MB cache, 4 cores); Intel® Xeon® E5-1620 (3.6 GHz, 10 MB cache, 4 cores); Intel® Xeon® E5-1650 (3.2 GHz, 12 MB cache, 6 cores); Intel® Xeon® E5-1660 (3.3 GHz, 15 MB cache, 6 cores); Intel® Xeon® E5-2603 (1.8 GHz, 10 MB cache, 4 cores); Intel® Xeon® E5-2609 (2.4 GHz, 10 MB cache, 4 cores); Intel® Xeon® E5-2620 (2 GHz, 15 MB cache, 6 cores); Intel® Xeon® E5-2630 (2.3 GHz, 15 MB cache, 6 cores); Intel® Xeon® E5-2640 (2.5 GHz, 15 MB cache, 6 cores); Intel® Xeon® E5-2643 (3.3 GHz, 10 MB cache, 4 cores); Intel® Xeon® E5-2650 (2 GHz, 20 MB cache, 8 cores); Intel® Xeon® E5-2660 (2.2 GHz, 20 MB cache, 8 cores); Intel® Xeon® E5-2665 (2.4 GHz, 20 MB cache, 8 cores); Intel® Xeon® E5-2667 (2.9 GHz, 15 MB cache, 6 cores); Intel® Xeon® E5-2670 (2.6 GHz, 20 MB cache, 8 cores); Intel® Xeon® E5-2680 (2.7 GHz, 20 MB cache, 8 cores); Intel® Xeon® E5-2690 (2.9 GHz, 20 MB cache, 8 cores)
Chipset	Intel® C602
Memory	Up to 96 GB 1600 MHz DDR3 Unbuffered SDRAM Up to 96 GB 1600 MHz DDR3 Registered SDRAM Memory slots: Up to 12 DIMMs (8 DIMMs on system board, 4 DIMMs on 2nd CPU & Memory Module)
Graphics	Professional 2D, NVIDIA NVS 300 (512 MB); NVIDIA NVS 310 (512 MB); NVIDIA Quadro NVS 450 (512 MB); NVIDIA NVS 510 (2 GB) Entry 3D, NVIDIA Quadro 410 (512 MB); NVIDIA Quadro 600 (1 GB); AMD FirePro V3 900 (1 GB); AMD FirePro V4900 (1 GB) Midrange 3D, NVIDIA Quadro 2000 (1 GB); AMD FirePro V5900 (2 GB) High-end 3D, AMD FirePro V7900 (2 GB); NVIDIA Quadro 4000 (2 GB); NVIDIA Quadro 5000 (2.5 GB); NVIDIA Quadro K5000 (4 GB); NVIDIA Quadro 6000 (6 GB) High Performance GPU Computing, NVIDIA Tesla C2075 Computer Processor
Removable Media	SATA DVD-ROM; SATA SuperMulti DVD+/-RW; Slot-load SATA DVD+/-RW; SATA Blu-ray writer
Audio	Integrated High Definition Realtek ALC262
Internal Storage	250 GB, up to 3 TB, SATA (7200 rpm) 300 GB, up to 600 GB, SAS (10000 rpm) 300 GB, up to 600 GB, SAS (15000 rpm) 128 GB, up to 300 GB, SATA SSD
Communications	Integrated Intel 82579 and 82574 controllers; Broadcom 5761 NetXtreme Gigabit (selected models); HP NC360T PCIe dual-port Gigabit (selected models); Intel Pro 1000 CT Gigabit (selected models)
Ports and Connectors	4 USB 3.0; 5 USB 2.0; 2 IEEE 13 94a; 2 microphone; 1 headphone; 2 RJ-45; 1 line in; 1 line out/headphone
Security	Cable Lock Support (standard - cable selected models); Removable Media Write/Boot Control (standard); Power-On Password (standard); Setup Password (standard); Kensington Cable Lock (selected models); Solenoid Lock and Hood Sensor (selected models)
Software	HP Performance Advisor; HP Remote Graphics Software (RGS) V5; HP ProtectTools Security; HP Power Assistant; Roxio Easy Media Creator (DVD/Blu-ray Disc burner software); Intervideo WinDVD (DVD player/burner software); PDF Complete - Trial Edition; Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®. Buy Office 2010 to use the full-featured software
Dimensions	17.15 x 46.48 x 44.45 cm
Weight	Starting at 15.5 kg Exact weight depends upon configuration.
Energy Efficiency Compliance	ENERGY STAR® qualified configurations available
Power	800W 90% efficient wide ranging, active PFC
Expansion Slots	2 PCIe Gen3 x16; 1 PCIe Gen3 x8; 1 PCIe Gen2 x8; 1 PCIe Gen2 x4; 1 PCI Two 5.25" Three 3.5"
Warranty	3-year limited warranty including 3 years of parts, labour, and next-business-day onsite service. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Get engaged with HP Financial Services

Get engaged with HP Financial Services to implement innovative technologies essential for driving business value and competitive differentiation. More information on www.hp.com/go/hpfs.

Accessories and services (not included)

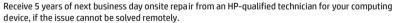|	
HP ZR2440w 24-inch LED Backlit IPS Monitor	The completely redesigned HP ZR2440w 61 cm (24") LED Backlit IPS Monitor is a 16:10 LED-based display with a breadth of new features and an LED backlight in a design that is ultra-modern and sleeker than ever to perfectly complement HP Z Workstations. **Product number: XW477A4**
HP SpacePilot Pro USB 3D Input Device	Working in 3D has just become easier and more efficient with an HP SpacePilot Intelligent Controller, which combines refined sensing technology, extendable speed keys, and ergonomic design to give you 3D control, speeding up your design work -faster than you ever thought possible. When you intuitively push, tilt, or twist the control cap, the response is immediate. SpacePilot also features 21 speed keys that increase your efficiency and make working with your designs less stressful and more enjoyable, without the intrusive functionality of a mouse and keyboard alone. **Product number: WH343AA**
HP 160GB SATA Solid State Drive	Solid State Drives (SSDs) are fast becoming a real force with respect to storage in the computer industry. With no moving parts, storage is no longer bound by mechanical barriers to higher performance. HP SSDs for workstations offer overall performance typcially beyond that of SAS 15k rpm HDDs (Hard Disk Drives). **Product number: LZ704AA**
NVIDIA Quadro 4000 2.0GB Graphics Card	Accelerate your entire workflow with NVIDIA's High End Quadro 4000 graphics card: Up to 5X faster 3D application performance scaling over previous generation Quadro FX3800; GPGPU applications run 8X faster on Quadro GPUs compared to other processors Revolutionary Quadro GPU architecture; World's first GPU with Scalable Geometry and fast double-precision performance **Product number: WS095AA**
AMD FirePro V5900 2GB Graphics Card	The AMD FirePro™ V5900 professional graphics delivers remarkable performance in a single slot solution, making it a perfect solution for professionals working with a broad range of applications, moderately complex models and datasets, and advanced visual effects. The AMD FirePro V5900 features 2GB of GDDR5 memory, 512 stream processors, and support for three simultaneous monitor outputs from a single graphics card with AMD Eyefinity technology. **Product number: LS992AA**
5-year Next Business Day Onsite	Receive 5 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. **Product number: U7944E**