

HP Z6 G4 Workstation (7BG92UT)



A future-proof powerhouse

No matter what the future holds, you'll have all the performance you need. Ideal for VFX and rendering, this workhorse offers a wide range of processing power and the flexibility to upgrade components over time.



HP recommends Windows 10 Pro.

Designed to grow with you

Invest only in the technology you need today, and easily upgrade in the future. Scale up with a broad range of configurations from single or dual processors to multiple graphics cards.

Relentless power

Take on demanding workloads with high-powered processors, professional graphics and 384 GB of memory. Experience seamless performance during graphics-intensive work, such as visual effects and design visualization.

HP's most secure workstations

Advanced security features come standard on every Z6. Rest assured your device, identity and data are safe with security software like HP Client Security Suite^[2] and HP Sure Start, the industry's first self-healing BIOS with intrusion detection.

Featuring

Operating Systems

Support your unique user needs with a choice of Windows 10 Pro or Linux[®] operating systems. ^[1]

Processors

Achieve the performance you need with the ability to support two next generation Intel[®] Xeon[®] processors for up to 56 total processor cores in one system. ^[3]

Graphics

Get serious about graphics and reach peak productivity with access to a breadth of NVIDIA[®] and AMD professional graphics from entry to ultra 3D. ^[4]

Storage

Install the fastest professional grade storage hardware around, unlocking performance for storage-bound applications without sacrificing standard PCIe slots.

Deliberate design

The Z6 workstation's sleek, iconic design doesn't compromise on quiet, reliable performance.

Specifications

Operating system	Windows 10 Pro 64
Processor family	Intel® Xeon® Silver processor
Processor	Intel® Xeon® Silver 4208 (2.1 GHz base frequency, up to 3.2 GHz with Intel® Turbo Boost Technology, 11 MB cache, 8 cores) ^[6,7]
Chipset	Intel® C622
Memory	32 GB DDR4-2933 SDRAM (4 x 8 GB)
Memory Slots	12 DIMM
Internal Storage	256 GB HP Z Turbo Drive PCIe® SSD
Internal drive bays	Two 2.5" or 3.5"
External drive bays	Two 5.25"
Optical drive	HP Slim DVD-Writer
Compatible displays	All HP Z Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays .
Minimum dimensions (W x D x H)	16.9 x 46.5 x 44.5 cm
Minimum dimensions (W x D x H)	6.65 x 18.3 x 17.5 in
Weight	Starting at 13.1 kg (Exact weight depends on configuration.)
Weight	Starting at 29 lb (Exact weight depends on configuration.)
Keyboard	HP USB Business Slim Keyboard
Pointing device	HP USB Optical Mouse
Ports	1 headset connector; 4 USB 3.1 (1 charging) (Premium front includes: 1 headset, 2 USB 3.1 Gen1 (1 charging), 2 USB 3.1 Gen 2 Type-C™.)
Expansion slots	3 PCIe x4; 1 PCIe x8; 2 PCIe x16; 2 M.2 PCIe x4 (Slot 1: CPU with open-ended connector. Slots 3 and 6: PCH with open-ended connector. Slot 4: CPU with open-ended connector (slot converts to x4 electrical when SSD is installed in 2nd M.2 slot). M.2 Slots 1 and 2: CPU up to 80 mm storage devices.)
Ports	6 USB 3.1 Gen 1; 2 RJ-45 (1 GbE); 1 audio-in; 1 audio-out; 1 PS/2 mouse port; 1 PS/2 keyboard port; 1 serial
Power	1000 W internal power supply, up to 90% efficiency, active PFC
Environmental	Low halogen
Security management	HP Sure Start Gen3; Secure authentication; Kensington lock slot; Full volume encryption; HP Keyed Cable Lock Kit; TPM 2.0 certified; HP Secure Erase ^[14,15,18]

Accessories and services

No Recommended Accessories and Services

Messaging Footnotes

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows 10 is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>

[2] HP Client Security Suite features vary by platform.

[3] Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

[4] Sold separately or as an optional feature.

Technical Specifications Footnotes

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[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[14] HP Sure Start Gen3 is available on HP EliteBook, HP ZBook, and HP Z Workstation products equipped with Intel® 7th generation processors.

[15] HP Secure Erase: For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88. Supported on Elite platforms with BIOS version F.03 or higher.

[18] HP Keyed Cable Lock Kit is available only as an aftermarket option.

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