HP Z240 Tower Workstation

With up to 4.2 GHz of processing power the HP Z240 delivers powerful workstation performance and reliability at the price point of a desktop PC.

- Windows 10 Pro[1]
- Intel® Xeon® processor[2]

Powered to manage your challenges

Powerful processors, graphics, memory, and two optional ultra-fast HP Z Turbo Drives[3] make the HP Z240 Tower a true workstation-class solution. Handle your growing and complex workloads with performance for any stage in your work process.

Small price, big possibilities

The essential features of the HP Z240 Tower easily support your workload with slots and ports to spare. When you're ready for workstation class features, like professional ISV certifications, the HP Z240 Tower is the right first step.

Priced for your budget

HP's most affordable workstation allows you to customize your experience while still balancing your IT budget. HP reliability, thorough testing, and ISV certification means your HP Z240 is designed as a long-term budget friendly solution.

Featuring

- Support your unique user needs with a choice of Windows 10 Pro[1] or Linux® operating systems.
- Achieve the performance you need with your choice of next generation Intel® Xeon® processors or Intel® Core™ processors.[2]
- Get more performance, expandability and flexibility than our previous generations.
- Handle large files, reduce work time and increase performance with the optional HP Z Turbo Drive.[3]
- Up to 64 GB DDR4 ECC memory helps provide no compromise capacity, performance, and reliability.
- Ignite productivity with NVIDIA® professional graphics cards in 2D or 3D.[3]
- Access AMD professional graphics including high-end 3D on Tower configurations.[4]
- Help internal components stay clean and cool with a removable and cleanable dust filter.
- Charge your device using the fast charging front USB port.

HP Z240 Tower Workstation Specifications Table

Form Factor	Tower
Operating System	Windows 10 Pro 64 [1] Windows 10 Home 64 [1] Windows 7 Professional 64 [2] Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro 64) [3] HP Linux®-ready
Processor Family	Intel® Xeon® E3 processor; 6th Generation Intel® Core™ i7 processor; 6th Generation Intel® Core™ i5 processor; 6th Generation Intel® Core™ i3 processor; Intel® Pentium® processor [4]
Processors[4,5]	Intel® Xeon® E3-1280 v5 (3.7 GHz, up to 4 GHz with Intel Turbo Boost Technology, 8 MB cache, 4 cores) Intel® Xeon® E3-1270 v5 (3.6 GHz, up to 4 GHz with Intel Turbo Boost Technology, 8 MB cache, 4 cores) Intel® Xeon® E3-1245 v5 with Intel HD Graphics P530 (3.5 GHz, up to 3.9 GHz with Intel Turbo Boost Technology, 8 MB cache, 4 cores) Intel® Xeon® E3-1240 v5 (3.5 GHz, up to 3.9 GHz with Intel Turbo Boost Technology, 8 MB cache, 4 cores) Intel® Xeon® E3-1230 v5 (3.4 GHz, up to 3.8 GHz with Intel Turbo Boost Technology, 8 MB cache, 4 cores) Intel® Xeon® E3-1225 v5 with Intel HD Graphics P530 (3.3 GHz, up to 3.7 GHz with Intel Turbo Boost Technology, 8 MB cache, 4 cores) Intel® Core™ i7-6700 with Intel HD Graphics 530 (3.4 GHz, up to 4 GHz with Intel Turbo Boost, 8 MB cache, 4 cores) Intel® Core™ i7-6700K with Intel HD Graphics 530 (4 GHz, up to 4.2 GHz with Intel Turbo Boost, 8 MB cache, 4 cores) Intel® Core™ i5-6600 with Intel HD Graphics 530 (3.3 GHz, up to 3.9 GHz with Intel Turbo Boost, 6 MB cache, 4 cores) Intel® Core™ i5-6500 with Intel HD Graphics 530 (3.2 GHz, up to 3.6 GHz with Intel Turbo Boost, 6 MB cache, 4 cores) Intel® Core™ i3-6300 with Intel HD Graphics 530 (3.8 GHz, 4 MB cache, 2 cores) Intel® Core™ i3-6100 with Intel HD Graphics 530 (3.7 GHz, 3 MB cache, 2 cores) Intel® Pentium® G4400 with Intel HD Graphics 510 (3.3 GHz, 3 MB cache, 2 cores)
Chipset	Intel® C236
Maximum Memory	up to 64 GB DDR4-2133 ECC/non-ECC SDRAM (Transfer rates up to 2133 MT/s)
Memory Slots	4 DIMM
Drive Controllers	Integrated SATA (4 ports 6 Gb/s) with RAID 0 (striped array) and RAID 1 (mirrored array) supported on Windows operating system only. Requires identical hard drives (speeds, capacity, interface). Integrated RAID 0, 1 (data configuration) for PCIe SSDs.
Internal Storage	500 GB up to 4 TB SATA (7200 rpm) [6] 500 GB SATA SED [6] 256 GB up to 1 TB SATA SSD [6] 256 GB SATA SED SSD [6] 1 TB (8 GB cache) SATA SSHD (7200 rpm) [6] 256 GB up to 1 TB HP Z Turbo Drive G2 (NVMe PCIe SSD) [6]
Optical Storage	HP Slim DVD-ROM Drive; HP Slim SuperMulti DVD-RW Drive; HP Slim Blu-ray Writer [7,8]
Additional Storage	SD media card reader (optional)
Available Graphics	Integrated: Intel® HD Graphics 530; Intel® HD Graphics P530; Intel® HD Graphics 510 [9] Professional 2D: NVIDIA® NVS™ 310 (1 GB); NVIDIA® NVS™ 315 (1 GB); NVIDIA® NVS™ 510 (2 GB) Entry 3D: AMD FirePro™ W2100 (2 GB); NVIDIA® Quadro® K420 (2 GB); NVIDIA® Quadro® K620 (2 GB) Mid-range 3D: NVIDIA® Quadro® M2000 (4 GB); NVIDIA® Quadro® K2200 (4 GB); NVIDIA® Quadro® K1200 (4 GB); AMD FirePro™ W5100 (4 GB); AMD FirePro™ W4300 (4 GB) High-end 3D: AMD FirePro™ W7100 (8 GB); NVIDIA® Quadro® M4000 (8 GB)
Audio	Integrated Realtek HD ALC221-VB audio
Networking	LAN: Integrated Intel® I219LM PCIe GbE; Intel® Ethernet I210-T1 PCIe NIC (optional); Intel® Ethernet I350-T2 2-port NIC (optional) WLAN: Intel® 8260 802.11a/b/g/n/ac PCIe wireless NIC (optional); HP X530 10 GbE Dual-Port Adapter (optional); HP 10 GbE SFP+ SR Transceiver
Expansion Slots	1 PCIe Gen3 x16; 1 PCIe Gen3 x4 (x4 connector); 1 PCIe Gen3 x4 (x16 connector); 1 PCIe Gen3 x1; 1 PCI (optional); 1 M.2 PCIe Gen3 x4
Ports and Connectors	Front: 2 USB 3.0; 2 USB 2.0 (1 charging); 1 headphone; 1 microphone Back: 4 USB 3.0; 2 USB 2.0; 2 DisplayPort 1.2; 1 DVI-I single link; 1 serial (optional); 1 parallel (optional); 2 PS/2; 1 RJ-45; 1 audio line-in; 1 audio line-out; 2 IEEE 1394b (optional) Internal: 1 USB 3.0; 2 USB 2.0 (1 USB 3.0 and 2 USB 2.0 ports available as 2 separate 2x10(3.0 x1, 2.0 x1) and 2x5(2.0 x2) header. Supports one HP Internal USB 2.0 Port Kit and one USB 3.0 media card reader.)

Drive Bays (Internal)	One 2.5"; Two 3.5"
Drive Bays (External)	Two 5.25"; One slim ODD
Input Device	HP Wireless Business Slim Keyboard; HP USB CCID SmartCard Keyboard; HP USB Business Slim Keyboard; HP PS/2 Business Slim Keyboard[11] HP SpaceMouse Pro USB 3D; HP USB 1000 dpi Laser Mouse; HP USB Optical 3-Button Mouse; HP USB Optical Mouse; HP PS/2 Mouse; 3Dconnexion CADMouse; HP USB Hardened Mouse[11]
Software	HP Performance Advisor; HP Remote Graphics Software (RGS) 7.1; PDF Complete - Corporate Edition; Cyberlink Power DVD and Power2Go; HP PC Hardware Diagnostics UEFI; HP Client Security Software; Buy Office [14]
Security	HP Solenoid Lock and Hood Sensor (optional); HP Business PC Security Lock kit (optional); HP UltraSlim Cable Lock Kit (optional); HP Keyed Cable Lock (optional)
Power	400 W 92% efficient, wide-ranging, active PFC; 280 W 90% efficient, wide-ranging, active PFC
Dimensions (W x D x H)	6.7 x 17.4 x 15.7 in 170 x 442 x 399 mm (Standard tower orientation)
Weight	Starting at 18.95 lb Starting at 8.6 kg (Exact weight depends upon configuration)
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® registered configurations available [12]
Environmental Certification	Low halogen[13]
Compatible Displays	All HP Z Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays.

HP Z240 Tower Workstation

Recommended accessories and services (not included)

HP Z240 TWR Dust Filter

Maintain optimal performance and help reduce the risk of dust ingress that can cause system failures with the reusable HP Z240 TWR Dust Filter.
Product number: T9W48AA

HP Z24nq 23.8-inch Narrow Bezel IPS Display

Enjoy quad HD visuals on the HP Z24nq Narrow Bezel IPS Display, which has an edge-to-edge 23.8-inch diagonal screen for easy tiling of multiple displays, plus out-of-the-box color calibration and flexible connectivity for all of your devices.
Product number: L1K59A8

AMD FirePro W7100 8GB Graphics Card

Drive your advanced visualization, complex models, large data sets, and video editing and production applications across up to four displays with the AMD FirePro™ 7100 graphics board loaded with 8 GB GDDR5 memory.
Product number: J3G93AT

NVIDIA Quadro M4000

Create and render large, complex product design and media and entertainment models and datasets by taking advantage of the new Maxwell GPU architecture features in the flexible, single-slot NVIDIA® Quadro® M4000 graphics card.
Product number: M6V52AT

HP Z Turbo Drive G2 1TB PCIe SSD

Super charge your productivity and creativity, deliver optimized HP Workstation workflows, and keep more of your work close at hand with the HP Z Turbo Drive G2 1TB PCIe SSD, which delivers up to four times the read performance of traditional SSDs at a cost that's remarkably similar.
Product number: T9H98AA

HP 5 year Next Business Day Onsite with Defective Media Retention Care Pack

Defective Media Retention (DMR) allows you to keep your hard drive if it is defective and requires replacement while under warranty. You maintain control of your sensitive data, and dispose of the defective media in a way that meets your security standards
Product number: U1G57E

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 and/or software 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.microsoft.com.
[2] 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.
[3] Sold separately or as alternate features.
[4] 3D graphics only available as AMO and are not available on small form factor configurations.

Technical Specifications 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.microsoft.com
[2] 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. See http://www.microsoft.com.
[3] This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
[4] Multi-core 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.
[5] Intel Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost for more information.
[6] For hard drives and solid state drives, 1 GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB of system disk is reserved for system recovery software.
[7] Duplication of copyrighted material is strictly prohibited. Actual speeds may vary. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. Note that DVD-RAM cannot read or write to 2.6GB Single Sided/5.2 Double Sided-Version 1.0 Media.
[8] With Blu-Ray, certain disc, digital connection, compatibility and/or performance issues may arise, and do not constitute defects in the product. Flawless playback on all systems is not guaranteed. In order for some Blu-ray titles to play, they may require a DVI or HDMI digital connection and your display may require HDCP support. HD-DVD movies cannot be played on this Desktop PC.
[9] HD content required to view HD images.
[10] Wireless cards are optional or add-on features and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited.
[11] Optional or add-on feature.
[12] EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.
[13] External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
[14] HP Performance Advisor and HP Remote Graphics Software requires Windows and an internet connection.

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