

**Work fast with our most powerful entry workstation**

Experience server-grade power in a desktop with impressive expandability. Cut through complex BIM, rendering and visualization projects with high-performance graphics and Intel® processors.



HP recommends Windows 11 Pro for business

Take processing to record speeds

Crush demanding single and multi-threaded workflows and take on aggressive multi-tasking without throttling. We redesigned our proprietary motherboard to give you full performance, while keeping components running cool and quiet.

Built to expand

Need to swap graphics cards? Increase CPU power? Add specialized PCIe cards? Go for it. Our most expandable entry workstation is an investment that will last for years.

Safeguard your data. Protect your privacy.

Advanced security features come standard on every Z2 Tower. System safeguards like HP Client Security Suite Gen3[1] and HP Sure Start Gen4[2] - the industry's first self-healing BIOS - mean your device is locked down tight, so your data and identity are too.

Featuring**Windows 10 Pro 64**

Work without compromising on performance or security with Windows 10 Pro, powered by HP's collaboration and connectivity technology.

Intel® Core™ i9 processor

Get high-end performance for intensive tasks like rendering and video editing with the Intel® Core™ i9 processor. ^[3]

Specifications

Form factor	Tower
Operating system	Windows 10 Pro 64
Processor family	9th Generation Intel® Core™ i9 processor
Processor	Intel® Core™ i9-9900K (3.6 GHz base frequency, up to 5.0 GHz with Intel® Turbo Boost Technology, 16 MB L3 cache, 8 cores) ^[6,7]
Chipset	Intel® C246
Memory	32 GB DDR4-2666 MHz RAM (2 x 16 GB)
Memory Slots	4 DIMM
Internal Storage	512 GB HP Z Turbo Drive PCIe® SSD
Internal drive bays	Two 3.5"; Two M.2 NVME 2280 SSD
External drive bays	Two 5.25"
Optical drive	HP 9.5 mm Slim DVD-Writer
Graphics	Discrete
Graphics (discrete)	Intel® UHD Graphics 630
Graphics	Integrated
Graphics (integrated)	Intel® UHD Graphics 630
Compatible displays	All HP Z Displays and HP DreamColor Displays are supported.
Minimum dimensions (W x D x H)	35.6 x 43.5 x 16.9 cm (Standard tower orientation.)
Minimum dimensions (W x D x H)	14 x 6.7 x 17.1 in (Standard tower orientation.)
Weight	Starting at 7 kg (Exact weight depends on configuration.)
Weight	Starting at 15.43 lb (Exact weight depends on configuration.)
Keyboard	HP USB Slim Business Keyboard
Pointing device	HP USB wired optical mouse
Ports	1 headphone/microphone combo; 2 USB 3.0 (1 charging); 1 USB 3.1 Gen 2 Type-C™ ^[9] (1 USB 3.0 and 2 USB 2.0 ports available as 2 separate 2 x 6 (3.0 x 1, 2.0 x 1) and 1 x 6 (2.0 x 1) header. Supports one HP Internal USB 2.0 Port Kit and one USB 3.0 media card reader.)
Expansion slots	1 PCIe 3 x4 (x16 connector); 2 M.2 PCIe 3 x4; 1 PCIe Gen 3 x16; 2 PCIe 3 x1 (x4 open ended connector)
Ports	1 audio-in; 1 audio-out; 1 RJ-45; 2 DisplayPort™ 1.2; 2 USB 2.0; 4 USB 3.0
Ports	1 USB 3.0; 2 USB 2.0
Ports	1 DisplayPort™
Power	500 W internal power adapter, up to 90% efficiency, active PFC; 250 W internal power adapter, up to 92% efficiency, active PFC; 650 W internal power adapter, up to 90% efficiency, active PFC
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Low halogen
Security management	HP BIOSphere Gen4; HP Business PC Security Lock Kit; HP Client Security Suite Gen 4; HP Keyed Cable Lock Kit; HP Solenoid Hood Lock and Sensor; HP Sure Click; HP Sure Run; HP Sure Start Gen 4; HP UltraSlim Cable Lock Kit ^[9,22,24,25,26,27]
Software included	Buy Office; CyberLink Power2Go; HP PC Hardware Diagnostics UEFI; HP Performance Advisor; HP Remote Graphics Software (RGS) 7.1; PDF Complete - Corporate Edition; HP Sure Recover; HP Manageability Integration Kit Gen2
UPC number	(ABA) 194441267433; (ABC) 194441267747

Top Recommended Displays, Accessories and Services

Z Displays

HP Z32 31.5-inch 4K UHD Display	1AA81A4
---------------------------------	---------

Keyboards

HP Wireless Premium Keyboard	Z9N41AA
HP USB Premium Keyboard	Z9N40AA

Mice

HP USB Optical 2.9M Mouse	Z3Q64AA
---------------------------	---------

DDR4 Memory

HP 8GB (1x8GB) DDR4-2666 nECC RAM	3PL81AA
HP 16GB (1x16GB) DDR4-2666 nECC RAM	3PL82AA

PC SATA Hard Drives

HP 2TB SATA 6Gb/s 7200 Hard Drive	QB576AA
-----------------------------------	---------

PC Solid State Drives

Z Turbo Drive 1TB TLC (Z2 G4) SSD	6EU84AA
-----------------------------------	---------

Messaging Footnotes

[1] Requires Windows and Intel® or AMD 7th or 8th generation processors.

[2] HP Sure Start Gen4 is available on HP Elite and HP Workstation products equipped with 8th generation Intel® or AMD processors.

[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, branding and/or naming is not a measurement of higher performance.

Technical Specifications Footnotes

[6] 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, branding and/or naming is not a measurement of higher performance.

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

[9] Optional or add-on feature

[22] HP BIOSphere Gen4 features may vary depending on the PC platform and configurations requires 8th Gen Intel® processors.

[24] HP Client Security Suite Gen 4 requires Windows and Intel® or AMD 8th generation processors.

[25] HP Sure Click is available on select HP platforms and supports Microsoft® Internet Explorer and Chromium™. Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all compatible platforms as they become available.

[26] HP Sure Start Gen4 is available on HP Workstation products equipped with Intel® 8th generation processors.

[27] HP Sure Run is available on HP Workstation products equipped with 8th generation Intel® or AMD® processors.

© Copyright 2022 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Intel, Xeon, Core, Thunderbolt, and Intel vPro are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. Bluetooth is a trademark of its proprietor and used by HP Inc. under license. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. The NVIDIA logo and Quadro are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. All other trademarks are the property of their respective owners.

