

## HP Z2 Tower G4 Workstation (8JF95UT)



### 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

<b>Form factor</b>	Tower
<b>Operating system</b>	Windows 10 Pro 64
<b>Processor family</b>	9th Generation Intel® Core™ i9 processor
<b>Processor</b>	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) <sup>[6,7]</sup>
<b>Chipset</b>	Intel® C246
<b>Memory</b>	32 GB DDR4-2666 MHz RAM (2 x 16 GB)
<b>Memory Slots</b>	4 DIMM
<b>Internal Storage</b>	512 GB HP Z Turbo Drive PCIe® SSD
<b>Internal drive bays</b>	Two 3.5"; Two M.2 NVME 2280 SSD
<b>External drive bays</b>	Two 5.25"
<b>Optical drive</b>	HP 9.5 mm Slim DVD-Writer
<b>Graphics</b>	Discrete
<b>Graphics (discrete)</b>	Intel® UHD Graphics 630
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® UHD Graphics 630
<b>Compatible displays</b>	All HP Z Displays and HP DreamColor Displays are supported.
<b>Minimum dimensions (W x D x H)</b>	35.6 x 43.5 x 16.9 cm (Standard tower orientation.)
<b>Minimum dimensions (W x D x H)</b>	14 x 6.7 x 17.1 in (Standard tower orientation.)
<b>Weight</b>	Starting at 7 kg (Exact weight depends on configuration.)
<b>Weight</b>	Starting at 15.43 lb (Exact weight depends on configuration.)
<b>Keyboard</b>	HP USB Slim Business Keyboard
<b>Pointing device</b>	HP USB wired optical mouse
<b>Ports</b>	1 headphone/microphone combo; 2 USB 3.0 (1 charging); 1 USB 3.1 Gen 2 Type-C™ <sup>[9]</sup> (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.)
<b>Expansion slots</b>	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)
<b>Ports</b>	1 audio-in; 1 audio-out; 1 RJ-45; 2 DisplayPort™ 1.2; 2 USB 2.0; 4 USB 3.0
<b>Ports</b>	1 USB 3.0; 2 USB 2.0
<b>Ports</b>	1 DisplayPort™
<b>Power</b>	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
<b>Ecolabels</b>	EPEAT® registered
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Sustainable impact specifications</b>	Low halogen
<b>Security management</b>	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 <sup>[9,22,24,25,26,27]</sup>
<b>Software included</b>	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
<b>UPC number</b>	(ABA) 194441267433; (ABC) 194441267747

## Top Recommended Displays, Accessories and Services

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### Z Displays

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

HP Wireless Premium Keyboard	Z9N41AA
HP USB Premium Keyboard	Z9N40AA

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### Mice

HP USB Optical 2.9M Mouse	Z3Q64AA
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### DDR4 Memory

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

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### PC SATA Hard Drives

HP 2TB SATA 6Gb/s 7200 Hard Drive	QB576AA
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### PC Solid State Drives

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

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