

## HP Z2 Tower G4 Workstation (7ZE37UT)



### 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 10 Pro.

#### **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

#### **Self-encrypting drives**

With optional self-encryption drives, you have confidence knowing that if your storage device falls into the wrong hands, your valuable IP cannot be accessed. [7]

## Specifications

<b>Operating system</b>	Windows 10 Pro 64
<b>Processor family</b>	9th Generation Intel® Core™ i5 processor
<b>Processor</b>	Intel® Core™ i5-9500 with Intel® UHD Graphics 630 (3.0 GHz base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology, 9 MB cache, 6 cores) <sup>[6,7]</sup>
<b>Chipset</b>	Intel® C246
<b>Memory</b>	8 GB DDR4-2666 SDRAM (1 x 8 GB)
<b>Memory Slots</b>	4 DIMM
<b>Internal Storage</b>	256 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>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. For more information see <a href="http://www.hp.com/go/zdisplays">www.hp.com/go/zdisplays</a>
<b>Minimum dimensions (W x D x H)</b>	35.6 x 16.9 x 43.5 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 Business Slim Keyboard
<b>Pointing device</b>	HP USB 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>	Flex I/O
<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>Environmental</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>

## Accessories and services

No Recommended Accessories and Services

## 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.
- [7] Sold separately or as an optional feature.

## 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 2019 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.

