



# HP Sales Central

## HP Z2 Mini G9 Workstation (6E1Y3PA)

Active as of 28/03/2022

### Overview

#### Powers large workflows. Fits a tiny space.



Tackle workflows you never thought before possible on such a tiny PC. The HP Z2 Mini easily fits on your desk or behind your monitor so you can tackle 3D projects without losing valuable office space. All while feeling protected From the BIOS to the browser, above, in, and below the OS with HP Wolf Security Suite.

#### Unprecedented Z mini power<sup>2</sup>

Get a standard low-profile NVIDIA® GPU and an Intel® CPU for seamless design, rendering and simulation.

#### Engineered to Evolve with your workflow

The new slide-out design gives tool-free interior access so you can easily swap graphics, memory, and more.

#### Fits anywhere

Create your ideal workspace in an office or at home. Mount the Z2 mini behind your monitor or under your desk.<sup>3</sup>

#### Industry leading security. Reliability you can trust

Get peace of mind with a PC that's built to endure. The Z2 Mini undergoes 360K hours of rigorous testing, military-standard testing<sup>5</sup> and is certified for pro apps. And with HP Wolf Security for Business<sup>4</sup>, it's protected below, in and above the OS.

## Specifications

#### Operating system

Windows 10 Pro (available through downgrade rights from Windows 11 Pro)<sup>1,21</sup>

#### Processor family

12th Generation Intel® Core™ i7 processor

#### Processor

Intel® Core™ i7-12700 (up to 4.9 GHz with Intel® Turbo Boost Technology, 25 MB L3 cache, 12 cores, 20 threads)<sup>6,71</sup>

#### Form factor

Mini

#### Sustainable impact specifications

45% post-consumer recycled plastic; 25% ITE-derived closed loop plastic; Bulk packaging available; 80 Plus® Gold power supplies available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Ocean-bound plastic in speaker enclosure and system fan; Contains recycled metal

#### Security management

HP Secure Erase; HP Sure Click; HP BIOSphere Gen6; HP Sure Admin; Hood Sensor Optional Kit; HP Client Security Manager Gen6; HP Sure Start Gen7; HP Sure Recover Gen4; HP Sure Sense Gen2; HP Sure Run Gen5

#### Memory

16 GB DDR5-4800 MHz RAM (1 x 16 GB)

**Memory layout (slots & size)**

1 x 16 GB

**Memory Slots**

2 SODIMM

**Internal Storage**

512 GB PCIe® M.2 SSD

**Compatible displays**

HP Z34C, Z40C, Z27Q G3, Z27K, and Z27XS G3 4k. All HP Z Displays and HP DreamColor Displays are supported. For more information see <http://www.hp.com/go/zdisplays>

**I/O Port location**

Side

**Ports**

1 headphone/microphone combo; 1 SuperSpeed USB Type-A 10Gbps signaling rate (1 charging); 2 SuperSpeed USB Type-C® 20Gbps signaling rate

**I/O Port location**

Rear

**Ports**

1 RJ-45; 2 DisplayPort™ 1.4; 3 SuperSpeed USB Type-A 10Gbps signaling rate

**Expansion slots**

2 M.2 2280 PCIe 4 x4; 1 M.2 2230 for WLAN; 1 PCIe® 4 x8 (PCIe Low Profile connector)

**Wireless**

Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (supporting gigabit data rate)

**Power**

280 W external power adapter, up to 90% efficiency, active PFC

**Ecolabels**

EPEAT® registered

**Energy star certified**

ENERGY STAR® certified

**Minimum dimensions (W x D x H)**

21.1 x 21.8 x 6.9 cm

*(Standard desktop orientation.)*

3

**Weight**

Starting at 2.4 kg

**UPC number**

196548784998

**Package dimensions (W x D x H)**

49.9 x 17.0 x 29.8 cm

**Package weight**

Starting at 4.8 kg

**Keyboard**

HP USB 320K Keyboard

**Manufacturer Warranty**

3 year (3/3/3) limited warranty includes 3 years of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

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## Overview

- 2 Power based on HP Z mini max processor, graphics, and memory.
- 3 Mounting hardware sold separately.
- 4 HP Wolf Security for Business requires Windows 10 or higher, includes various HP security features and is available on HP Pro, Elite, RPOS and Workstation products. See product details for included security features and OS requirement.
- 5 MIL STD testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental Damage or damage under these test conditions requires an optional HP Accidental Damage Protection Care Pack.
- 6 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>. This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for recovery 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.
- 7 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.

## Specifications

- 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- 2 This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for recovery 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.
- 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.

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