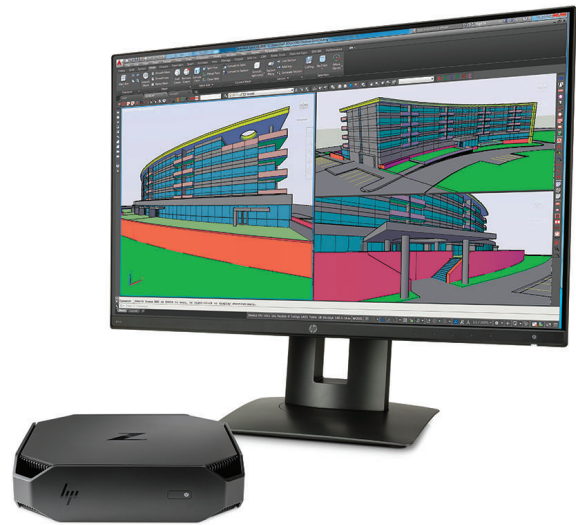




HP Z2 Mini G3 Workstation

Finally a revolutionary mini PC for CAD that delivers breakthrough power and versatility in a small, elegant design. Made by and for design professionals, the Z2 Mini gives you both performance and reliability for the best CAD experience.



HP recommends Windows 10 Pro.

- Windows 10 Pro¹
- Intel® Xeon® processor²

Next-level power

- Get server-grade power in a remarkably small device. Intel® Xeon® processors² and NVIDIA® Quadro® graphics keep up with the speed of your creativity.

Designed for the workspace of the future

- We packed workstation performance into a mini PC with a design that will turn heads. Our most flexible and most beautiful workstation ever—perfect for every office environment.

Industry-leading reliability

- Tech issues should never hold you back. The Z2 Mini is tested for 368,000 hours and certified for the most popular CAD software. Feel confident using a workstation influenced by over 30 years of engineering and backed by a 3-year standard limited warranty.

Featuring

- Support your unique user needs with a choice of Windows 10 Pro¹ or Linux® operating systems.
- Current and next generation Intel® Core™ and Intel® Xeon® processor³ options for powerful workstation-class performance.
- Powerful M620 professional graphics from NVIDIA® for your more demanding 3D models.
- Reduce boot up, file loading, and response times by revolutionizing how your Z2 Mini handles large files with up to 1.5 TB⁴ of storage with the optional HP Z Turbo Drive for a remarkably fast and innovative solution.
- At only 2.3" high the Z2 Mini fits into any office environment.
- Stylish and sleek. It's what a CAD PC should be.
- Can be placed on a desk or mounted under a desk, and is designed for VESA® mounting to HP Z Displays, 3rd party mounts.⁵
- The Z2 Mini supports up to six displays - four native displays and two additional with daisy chaining.
- Easily upgradeable and serviceable with tool-free access to internal components.
- With integrated wireless LAN⁶/BT, the Z2 Mini can work remotely, from the conference room to the home office.
- Get advanced BIOS security with HP SureStart. Dual-purpose Kensington lock slot provides chassis and unit security.⁷
- Supports USB Type-C™⁸ for customers demanding the latest in universal ports. If you're operating industrial equipment or running legacy peripherals, the Z2 mini has an optional serial port.⁹

HP Z2 Mini G3 Workstation Specifications Table



Form Factor	Mini Form Factor
Operating System	Windows 10 Pro for Workstations 64 - HP recommends Windows 10 Pro ¹ Windows 10 Pro (National Academic License) ¹ Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro) ² Linux® Ready
Processor Family	7th Generation Intel® Xeon® processor (E3-1245 v6, E3-1225 v6, E3-1205 v6 models); 7th Generation Intel® Core™ i7 processor (i7-7700 model); 7th Generation Intel® Core™ i5 processor (i5-7500 model); 7th Generation Intel® Core™ i3 processor (i3-7100 model); 6th Generation Intel® Xeon® processor; 6th Generation Intel® Core™ i7 processor; 6th Generation Intel® Core™ i5 processor; 6th Generation Intel® Core™ i3 processor ³
Processors³	Intel® Xeon® E3-1245 v6 with Intel® HD Graphics P630 (3.7 GHz, up to 4.1 GHz with Intel® Turbo Boost Technology 2.0, 8 MB cache, 4 cores)(Performance model only); Intel® Xeon® E3-1225 v6 with Intel® HD Graphics P630 (3.3 GHz, up to 3.7 GHz with Intel® Turbo Boost Technology 2.0, 8 MB cache, 4 cores)(Performance model only); Intel® Xeon® E3-1205 v6 with Intel® HD Graphics P630 (3 GHz, 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 2.0, 8 MB cache, 4 cores)(Performance model only); Intel® Xeon® E3-1225 v5 with Intel® HD Graphics P530 (3.3 GHz, up to 3.7 GHz with Intel® Turbo Boost Technology 2.0, 8 MB cache, 4 cores)(Performance model only); Intel® Core™ i7-7700 with Intel® HD Graphics 630 (3.6 GHz, up to 4.2 GHz with Intel® Turbo Boost Technology 2.0, 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™ i5-7500 with Intel® HD Graphics 630 (3.4 GHz, up to 3.8 GHz with Intel® Turbo Boost Technology 2.0, 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™ i3-7100 with Intel® HD Graphics 630 (3.9 GHz, 3 MB cache, 2 cores); Intel® Core™ i3-6100 with Intel HD Graphics 530 (3.7 GHz, 3 MB cache, 2 cores)
Chipset	Intel® C236
Maximum Memory	32 GB DDR4-2400 ECC or non-ECC SDRAM Transfer rates up to 2400 MT/s for systems with less than 32 MB. Transfer rates up to 2133 MT/s for systems with greater than 32 MB. Non-ECC memory only available with Intel® Core™ processors. ECC memory only available with Intel® Xeon® processors.
Memory Slots	2 SODIMM
Internal Storage	500 GB up to 1 TB SATA (7200 rpm) ⁴ up to 256 GB SATA SSD ⁴ up to 256 GB HP Z Turbo Drive G2 (PCIe TLC SSD) ⁴ up to 1 TB HP Z Turbo Drive G2 (PCIe SSD) ⁴
Optical Storage	Ultra-slim external DVD-RW drive (optional) ⁵
Available Graphics	Integrated: Intel® HD Graphics P630; Intel® HD Graphics 630; Intel® HD Graphics 530; Intel® HD Graphics P530 (Performance model only) ⁶ Discrete: NVIDIA® Quadro® M620 (2 GB) (Performance model only) ¹⁰ (Intermixing integrated Intel HD graphics and discrete graphics cards in order to drive more than four displays can be enabled using the Computer (F10) Setup Utility.)
Audio	Integrated Realtek HD ALC221-VB audio
Communications	LAN: Integrated Intel® I219LM PCIe Gigabit controller WLAN: Intel® 8265 802.11ac wireless with Bluetooth® 4.2 (optional) ⁹
Expansion Slots	1 M.2 PCIe Gen3 x1
Ports and Connectors	Side: 2 USB 3.0 (1 charging); 1 line in Back: 1 RJ-45; 1 serial; 1 audio-in; 2 USB 3.0; 3 DisplayPort™ 1.2 ¹¹ Premium includes: 4 DisplayPort™ 1.2 outputs from NVIDIA® Quadro® M620 graphics, 2 USB 3.0 ports, 2 USB 3.1 G1 Type-C™.
Drive Bays (Internal)	One 2.5"
Input Device	HP USB CCID SmartCard Keyboard; HP USB Business Slim Keyboard; HP Wireless Business Slim Keyboard ⁷ ; HP USB 1000 dpi Laser Mouse; HP USB Optical Mouse ⁷
Software	HP Performance Advisor; HP Remote Graphics Software (RGS) 7.1; HP PC Hardware Diagnostics UEFI; HP Client Security Software ⁸
Security	HP 10 mm Keyed Cable Lock (optional) ⁷
Power	135 W 89% efficient, wide-ranging, active PFC (external); 200 W 89% efficient, wide-ranging, active PFC (external)
Dimensions	216 x 216 x 58 mm (Standard desktop orientation)
Weight	Starting at 2.04 kg
Compatible Displays	All HP Z Displays and HP DreamColor Displays are supported. For more information see www.hp.com/go/zdisplays .
Energy Efficiency Compliance	ENERGY STAR® certified configurations available
Warranty	Protected by HP Services, including a 3 years parts, 3 years labor, and 3 years onsite service (3-3-3) standard limited warranty. Certain restrictions. 24/7 operation will not void the HP warranty.

HP Z2 Mini G3 Workstation

Recommended Accessories and Services

HP Thin Client Mount Kit



Attach your HP Thin Client or USDT PC to the back of select HP Z Displays and maintain optimal ergonomic adjustability with the HP Thin Client Mount Kit.¹

Product number: E5J35AA

HP PC Mounting Bracket for Monitors



Customize an altogether better solution with the HP PC Mounting Bracket for Monitors, which lets you attach your HP Desktop Mini, HP Chromebox, or select HP Thin Client directly behind select HP Z Displays and EliteDisplays.

Product number: N6N00AT

HP 5-year Next Business Day Onsite Workstation Only Hardware Support



Receive 5 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. For more information on Care Pack services, please visit www.hp.com/go/cpc.

Product number: U1G39E

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

³ 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.

⁴ For storage drives GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB is reserved for system recovery software.

⁵ Mounting hardware sold separately.

⁶ WLAN/BT is an optional feature. Wireless access point and internet service required. Availability of public wireless access points limited.

⁷ Cable and lock sold separately.

⁸ USB Type-C™ is standard on the Z2 Mini Performance Base Unit.

⁹ Optional features sold separately or as add on features.

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.windows.com>.

² 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.

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.

⁴ 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.

⁵ Actual speeds may vary. Does not permit copying of commercially available DVD movies or other copyright protected materials. Intended for creation and storage of your original material and other lawful uses. Note that DVD-RAM cannot read or write to 2.6 GB Single Sided/5.2 GB Double Sided – Version 1.0 media.

⁶ HD content required to view HD images.

⁷ Sold separately or as an optional feature.

⁹ Wireless card is optional, requires factory configuration and requires separately purchased wireless access point and internet service. Availability of public wireless access points limited.

¹⁰ Optional, factory configuration required.

¹¹ Serial port is optional.

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