ProductSheet

HP Z2 Mini G1i Workstation Desktop PC Wolf Pro Security Edition (C0UN3UT)

Powers large workflows. Fits a tiny space.

Get incredible high performance packed into an insanely petite Z2 Mini G1i AI workstation to tackle 3D design, real-time rendering, and basic model development. Fitting on a desk or behind a monitor, conveniently access ports. When your demands change, you have impressive expandability to upgrade.



Impressive Z mini power. Extraordinary expandability.
Get pro-level performance on a sleek, tiny AI workstation with low-profile NVIDIA RTX™ graphics and an Intel® Core™ Ultra processor[1], including K-Series. Easily upgrade memory and storage[2] as work evolves with tool-less access.

Slim design. Fits any space.
Create your ideal workspace with a versatile, modern design that can be positioned horizontally or vertically. Set it on a desk, mount it behind a monitor or attach it under a desk. Perfectly suited for rack environments, fit 6 units in a 5U rack.[3]

Power AI-accelerated workflows
Accelerate AI workflows with the Z2 Mini G1i AI workstation. Iterate and problem solve faster on your local device with a powerful discrete GPU delivering AI TOPS while a built-in NPU[4] takes on productivity tasks.

Featuring

HP recommends Windows 11 Pro for business
Work anywhere without compromising on performance with Windows 11 and HP collaboration, security, and connectivity technology. Summarize and rewrite content, get relevant content recommendations, and stay organized with Microsoft Copilot. [7]

Security is your top priority
The HP Wolf Pro Security Edition provides preconfigured enterprise-level PC protection for small and medium sized businesses.

Independent Software Vendor Certifications
Work with confidence knowing your PC is certified by leading software vendors to ensure peak performance even on complex projects.

WiFi Connectivity
Wi-Fi 7 can provide higher data rates than Wi-Fi 6E. [8]

Specifications

Form factor	Mini
Operating system	Windows 11 Pro[1]
Processor family	Intel® Core™ Ultra 7 processor
Processor	Intel® Core™ Ultra 7 265 (up to 5.3 GHz with Intel® Turbo Boost Technology, 30 MB L3 cache, 20 cores, 20 threads) [6,7]
Chipset	Intel® W880
Memory	32 GB DDR5-6400 MT/s (2 x 16 GB)
Memory Slots	2 SODIMM
Internal Storage	1 TB HP Z Turbo Drive PCIe® Gen4 TLC M.2 SSD
Graphics	Discrete
Graphics (discrete)	NVIDIA RTX™ A1000 (8 GB GDDR6 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® Graphics
Audio	Realtek ALC3205 codec, universal audio jack with CTIA and OMTP headset support
Dimensions (W x D x H)	21.1 x 21.8 x 6.9 cm *(Standard desktop orientation.)*
Dimensions (W x D x H)	8.3 x 8.6 x 2.7 in *(Standard desktop orientation.)*
Weight	Starting at 2.4 kg *(Exact weights depend upon configuration (System weight only))*
Weight	Starting at 5.29 lb *(Exact weights depend upon configuration (System weight only))*
Keyboard	HP 320K Wired Keyboard
Pointing device	HP Wired 320M Mouse
Ports	2 USB Type-C® 20Gbps signaling rate; 1 headphone/microphone combo; 1 USB Type-A 10Gbps signaling rate (1 charging)
Expansion slots	1 M.2 2230 for WLAN; 2 M.2 2280 PCIe 5 x4; 1 PCIe® 5 x8 electrical (x16 mechanical, low profile connector)
Ports	3 USB Type-A 10Gbps signaling rate; 2 DisplayPort™ 1.4; 1 RJ-45
Package dimensions (W x D x H)	49.9 x 16.9 x 29.7 cm
Package weight	Starting at 5.4 kg
Wireless	Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card, non-vPro®
Power	280 W external power adapter, up to 89% efficiency, active PFC
Ecolabels	EPEAT® registered
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Low halogen; Bulk packaging available; 10% ITE-derived closed loop plastic; 25% ocean-bound plastic in system fans; Product Carbon Footprint; Contains at least 65% post-consumer recycled plastic; System has a QR code enabled experience where the user has access to a product portal – beginning December 2025, this is complete with product feature highlights, sustainability information, getting started guides, and direct setup and support options; New Energy Consumption dashboard available to customers providing timely carbon usage including recommended actions users can take to decrease carbon footprint
UPC number	199251950605

Top Recommended Displays, Accessories and Services

Series 7 Pro	
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8AA
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8UT
HP Series 7 Pro 31.5 inch 4K Thunderbolt 4 Monitor - 732pk	8Y2K9AA
HP Series 7 Pro 37.5 inch WQHD+ Thunderbolt 4 Monitor - 738pu	8K167AA
Wired Headset	
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X231AA
Poly Blackwire 8225 Stereo USB-C Headset +USB-C/A Adapter	8X223AA
Wireless Headset	
Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter	9T9J3AA

Messaging Footnotes

[1] 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 is not a measurement of clock speed. Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third-party software may have specific configuration or compatibility requirements. Performance varies by use, configuration, and other factors.

[2] Memory is an optional feature that must be configured at purchase.

[3] Rack mounting hardware sold separately.

[4] Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third-party software may have specific configuration or compatibility requirements. Performance varies by use, configuration, and other factors.

[7] 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 11 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. Microsoft Copilot requires Windows 11. Some features require an NPU. Timing and availability will be dependent on Microsoft and varies by market and device. Requires Microsoft account to log in. Where Copilot is not available, the Copilot key will lead to the Bing search engine. See http://aka.ms/WindowsAIFeatures.

[8] Based on HP internal testing using Chariot download benchmark. Data rates subject to environment, network conditions, and other factors.

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 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.

[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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