ProductSheet

HP Z2 SFF G1i Workstation Desktop PC (DP1C3LT)

Tower power at a third of the size.

Re-engineered to get all the power of a full-size tower at a fraction of the size. The Z2 SFF AI workstation delivers high performance for intensive workflows—from 3D design to real time ray tracing—now and in the future. When demands change, you have the impressive ability to upgrade and expand.



Small form. Big power. Impressive expandability.
Design, simulate, and real-time ray trace on the Z2 SFF AI workstation, with low-profile NVIDIA RTXTM graphics and an Intel® Core™ Ultra processor,[1] including K-Series. Easily upgrade memory[2] and storage as work evolves with tool-less access.

Smaller design. Big impact.
Whether placed horizontally or vertically, the Z2 SFF defies space constraints. Its smaller size allows for 4 units across a 7U rack.[3] Stylish yet purposeful venting improves airflow to enable powerful K-series CPUs and NVIDIA low profile GPUs.

Power AI-accelerated workflows
Accelerate AI workflows with the Z2 SFF 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]

Smaller, Functional Design
The stunning new design features front and rear ledges, so you can easily move your system from location to location.

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	Small form factor
Operating System Software	Windows 11 Pro[1]
Processor Family	Intel® Core™ Ultra 7 processor
Processor Name	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
Standard Memory Description 01	16 GB DDR5-5600 MT/s non-ECC (1 x 16 GB)
Memory Slots	4 UDIMM
Hard Drive Description (01)	1 TB PCIe® Gen4 NVMe™ M.2 SSD
Drive Bays, Total External Bays	One slim ODD
Optical Drives	9.5 mm Slim DVD-Writer
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	Intel® Graphics
Audio Features	Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support
Product Dimensions W x D x H (metric)	10 x 30.8 x 30.3 cm *(Standard desktop orientation.)*
Product Dimensions W x D x H (imperial)	3.9 x 12.1 x 11.9 in *(Standard desktop orientation.)*
Weight (metric)	Starting at 4.0 kg *(Exact weight depends on configuration.)*
Weight (imperial)	Starting at 8.8 lb *(Exact weight depends on configuration.)*
Package Dimensions W x D x H (metric)	49.9 x 20 x 39.4 cm
Package Dimensions W x D x H (imperial)	19.6 x 7.9 x 15.5 in
Package Weight (metric)	Starting at 6.5 kg
Package Weight (imperial)	Starting at 14.2 lb
Keyboard	HP 125 v2 Wired Keyboard
Pointing Device	HP 125 Wired Mouse
External I/O Ports	2 USB Type-C® 20Gbps signaling rate; 4 USB Type-A 10Gbps signaling rate; 1 headphone/microphone combo
Expansion Slots	2 M.2 2280 PCIe 4 x4; 1 M.2 2230 for WLAN; 1 PCIe 5 x16; 1 M.2 2280 PCIe 5 x4; 1 PCIe 4 x4
External I/O Ports 02	2 USB Type-A 5Gbps signaling rate; 2 DisplayPort™ 1.4; 1 RJ-45; 1 audio line-in/line-out; 3 USB Type-A 480Mbps signaling rate
Network Interface	Intel® I219-LM GbE
Wireless Technologies	Intel® Wi-Fi 7 BE200 (2x2) and Bluetooth® 5.4 wireless card, non-vPro®
Power Supply Required	500 W internal power adapter, up to 92% efficiency, active PFC
Energy Star Certified	ENERGY STAR® certified
Sustainability Specifications	Low halogen; 10% ITE-derived closed loop plastic; 80 Plus® Platinum power supplies available; Product Carbon Footprint; Contains at least 20% post-industrial recycled steel; At least 25% ocean-bound plastic in system fans; 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	(ABM) 826581342397; (AKH) 826581342403

Top Recommended Displays, Accessories and Services

Series 7 Pro	
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	E68G4AA
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
Wireless Keyboards	
HP 685 Comfort Dual-Mode Keyboard	8T6L9UT
Wired Mice	
HP 128 Laser Wired Mouse	265D9AA
Security Cables	
HP Keyed Cable Lock 10 mm	T1A62AA
HP Business PC Security Lock v3 Kit	3XJ17AA
HP Universal Keyed Cable Lock	C6CQ2AA
Video Devices	
HP 325 FHD Webcam	53X27AA
HP 435 FHD Webcam	77B10AA
HP 625 FHD Webcam	6Y7L1AA

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] Recycled metal is expressed as a percentage of the total weight metal as per defined in the EPEAT criteria.

[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] HP paper and fiber based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for personal systems accessories and spare parts is not included.

[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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