ProductSheet

HP Z1 Tower G1i Desktop PC (BK7W0LT)

The most affordable HP Z desktop workstation

Workstation performance is now within reach with a tower built for designing, editing, and gaming. Go beyond a commercial PC with the HP Z1 Tower, delivering pro-level, expandable performance certified for pro-apps, with support for high-end graphics.



Workstation performance. Impressive expandability.
Effortlessly multitask with up to an Intel® Core™ Ultra 9 CPU[1] and 128GB memory[2]. Choose from NVIDIA RTX™, AMD Radeon RX™, or Intel® Arc GPUs[3]. Easily upgrade memory and storage as work evolves with tool-less access.

Certified for your workflow
Work confidently knowing your HP Z1 Tower is tested and certified for select professional apps. We've worked closely with software providers on apps like AutoCAD®, SOLIDWORKS® and Siemens NX® for seamless workstation performance across your workflow.[4]

Power AI-accelerated workflows
Accelerate AI inferencing and development with the HP Z1 Tower AI workstation. Iterate and problem solve faster on your local device with a powerful discrete GPU delivering AI TOPS while a built-in NPU[5] 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. [8]

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. [9]

Specifications

Form Factor	Tower
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® Q870
Standard Memory Description 01	32 GB DDR5-5600 MT/s (2 x 16 GB)
Memory Slots	4 DIMM
Hard Drive Description (01)	1 TB PCIe® Gen4 NVMe™ M.2 SSD
Drive Bays, Total Internal Bays	Two 3.5" HDD
Drive Bays, Total External Bays	One slim ODD
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 (metric)	33.7 x 30.8 x 15.5 cm *(Standard tower orientation.)*
Product Dimensions (imperial)	13.3 x 12.1 x 6.1 in *(Standard tower orientation.)*
Weight (metric)	Starting at 5.51 kg *(Exact weight depends on configuration.)*
Weight (imperial)	Starting at 12.15 lb *(Exact weight depends on configuration.)*
Package Dimensions (metric)	28.7 x 40 x 49.9 cm
Package Dimensions (imperial)	11.3 x 15.75 x 19.65 in
Package Weight (metric)	Starting at 7.67 kg
Package Weight (imperial)	Starting at 16.9 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	1 M.2 2230; 2 PCIe 3 x1; 1 PCIe 5 x16 *(1 M.2 2230 slot for WLAN and 3 M.2 2280 slots for storage)*
External I/O Ports 02	2 USB Type-A 5Gbps signaling rate; 1 HDMI 2.1; 1 RJ-45; 1 audio line-in/line-out; 3 USB 2.0 Type-A; 2 DisplayPort™ 2.1
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 external power adapter, up to 90% efficiency, active PFC
Sustainability Specifications	Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; 10% ITE-derived closed loop plastic; 80 Plus® Platinum power supplies available; Contains at least 60% post-consumer recycled plastic; Outside box and corrugated cushions are 100% sustainably sourced or recyclable
UPC Number	(ABM) 199251189869; (AC8) 199251189852; (AKH) 199251189845

Top Recommended Displays, Accessories and Services

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] Sold separately or as an optional feature.

[4] Third party software sold separately.

[5] 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.

[8] 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.

[9] 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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