

# HP Z2 SFF G1i Workstation Desktop PC Wolf Pro Security Edition (BN5M4UT)



**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 RTX™ 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]

### **Security is your top priority**

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

### **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.

## Specifications

|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form factor</b>                       | Small form factor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Operating system</b>                  | Windows 11 Pro <sup>[1]</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Processor family</b>                  | Intel® Core™ Ultra 9 processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Processor</b>                         | Intel® Core™ Ultra 9 285K (up to 5.7 GHz with Intel® Turbo Boost Technology, 36 MB L3 cache, 24 cores, 24 threads) [6,7]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Chipset</b>                           | Intel® W880                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Memory</b>                            | 32 GB DDR5-5600 MT/s (2 x 16 GB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Memory Slots</b>                      | 4 UDIMM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Internal Storage</b>                  | 1 TB HP Z Turbo Drive PCIe® Gen4 TLC M.2 SSD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>External drive bays</b>               | One slim ODD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Graphics</b>                          | Discrete                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Graphics (discrete)</b>               | NVIDIA RTX™ A1000 (8 GB GDDR6 dedicated)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Graphics</b>                          | Integrated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Graphics (integrated)</b>             | Intel® Graphics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Audio</b>                             | Realtek ALC3252 codec, universal audio jack with CTIA and OMTP headset support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Dimensions (W x D x H)</b>            | 10 x 30.8 x 30.3 cm<br>(Standard desktop orientation.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Dimensions (W x D x H)</b>            | 3.9 x 12.1 x 11.9 in<br>(Standard desktop orientation.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Weight</b>                            | Starting at 4.0 kg<br>(Exact weight depends on configuration.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Weight</b>                            | Starting at 8.8 lb<br>(Exact weight depends on configuration.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Keyboard</b>                          | HP 320K Wired Keyboard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Pointing device</b>                   | HP Wired 320M Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Ports</b>                             | 2 USB Type-C® 20Gbps signaling rate; 4 USB Type-A 10Gbps signaling rate; 1 headphone/microphone combo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Expansion slots</b>                   | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Ports</b>                             | 2 USB Type-A 10Gbps signaling rate; 2 DisplayPort™ 1.4; 1 RJ-45; 1 audio line-in/line-out; 3 USB Type-A 480Mbps signaling rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Package dimensions (W x D x H)</b>    | 49.9 x 20 x 39.4 cm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Package weight</b>                    | Starting at 6.5 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Power</b>                             | 500 W internal power adapter, up to 92% efficiency, active PFC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Ecolabels</b>                         | EPEAT® registered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Energy star certified</b>             | ENERGY STAR® certified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Sustainable impact specifications</b> | 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 |
| <b>UPC number</b>                        | (ABA) 199251337796; (ABC) 199251454127                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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 |

Wireless Headset

|                                                       |         |
|-------------------------------------------------------|---------|
| Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter | 9T9J3AA |
|-------------------------------------------------------|---------|

Wired Headset

|                                                                       |         |
|-----------------------------------------------------------------------|---------|
| Poly Blackwire 8225 Stereo USB-C Headset +USB-C/A Adapter             | 8X223AA |
| Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter | 8X231AA |

## 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>.

## 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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