

[Manuals.plus](#) /

› [HP](#) /

› HP Z2 Tower G4 Workstation User Manual

HP Z2 G4

HP Z2 Tower G4 Workstation User Manual

Model: Z2 G4

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HP Z2 Tower G4 Workstation. This workstation is designed for high-performance computing tasks, including 3D rendering and video editing.

Note: This unit is a renewed product. Please refer to the seller for specific warranty and support details.

1. SETUP

1.1 Unboxing and Initial Inspection

Carefully remove the workstation from its packaging. Inspect the unit for any visible damage that may have occurred during transit. Ensure all included components (desktop computer and power cable) are present.

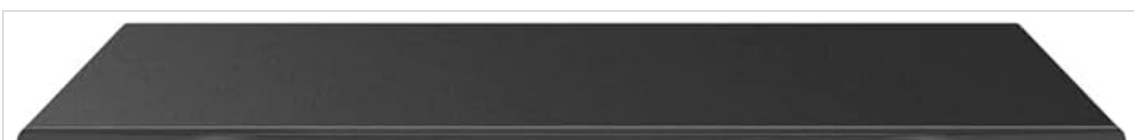


Figure 1: Front view of the HP Z2 Tower G4 Workstation.

1.2 Connecting Peripherals

Connect the necessary peripherals to your workstation. The following items are **not included** and must be supplied separately: keyboard, mouse, monitor, and Wi-Fi adapter.

1. **Power Cable:** Connect the provided power cable to the power input on the rear of the workstation and then to a grounded electrical outlet.
2. **Monitor:** Connect your monitor to one of the available Display Ports on the rear of the workstation.
3. **Keyboard and Mouse:** Connect your USB keyboard and mouse to any available USB ports.
4. **Network (Optional):** For a wired internet connection, connect an Ethernet cable to the Gigabit Ethernet port. For wireless connectivity, a separate Wi-Fi adapter is required.



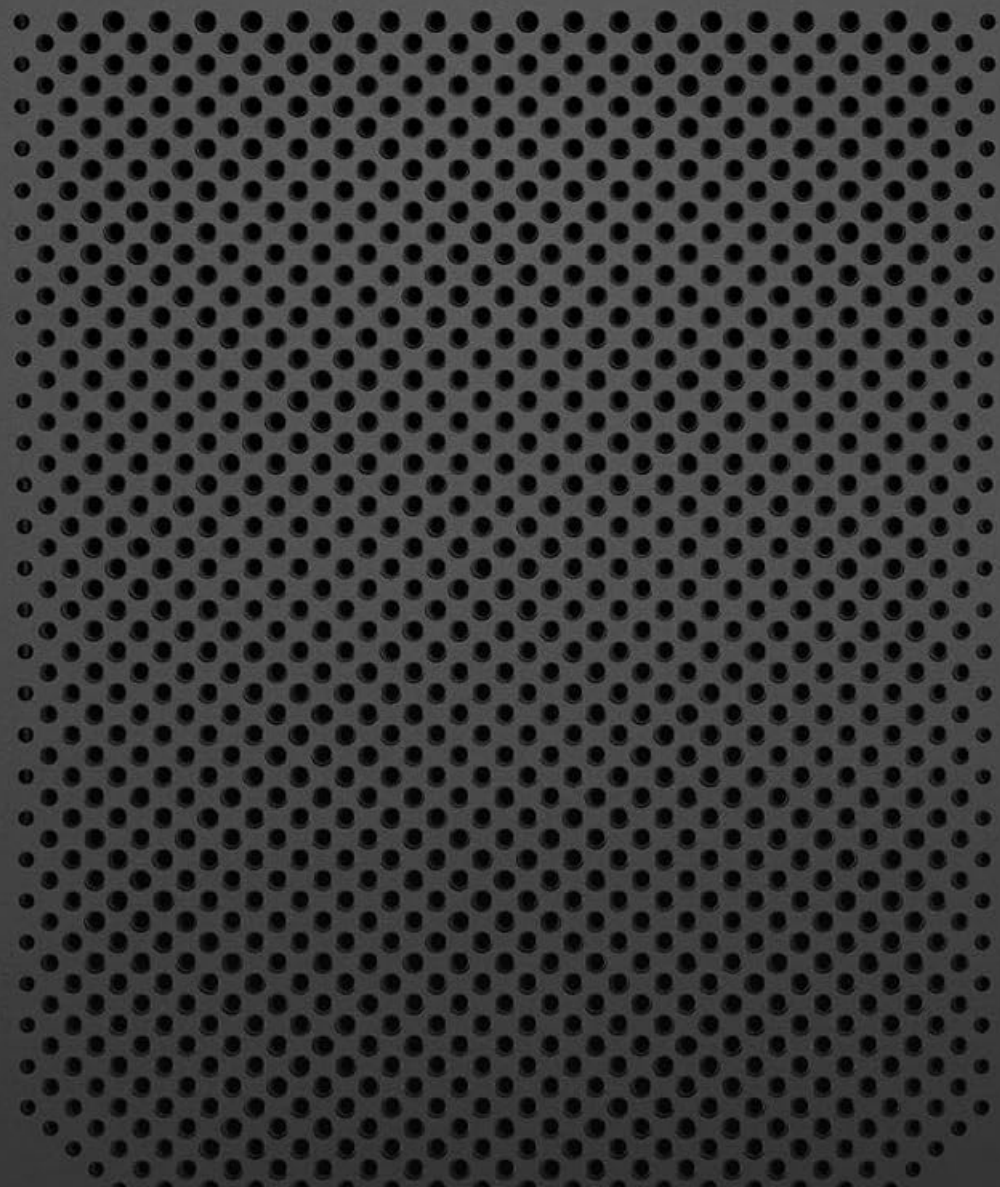




Figure 2: Rear panel of the workstation with various ports for power, display, and USB connections.

1.3 First Boot and Windows 11 Setup

Once all peripherals are connected, press the power button on the front of the workstation. The system comes with a fresh installation of Windows 11 Pro, which is pre-activated. Follow any on-screen prompts to complete the initial Windows setup, such as setting up user accounts and network preferences.

1.4 Creating Recovery Media

It is highly recommended to create recovery media immediately after the initial setup.

Recovery media can be created from any Windows machine using the [Windows Media Creation Tool](#). This free tool from Microsoft allows you to create a bootable DVD or USB device. This media can be used to fully recover the operating system in case of a hard disk failure or other system issues. Creating this media on your new workstation before any potential issues is advised, as the seller is not responsible for data loss.

2. OPERATING THE WORKSTATION

2.1 General Operation

The HP Z2 Tower G4 Workstation is equipped with an Intel Core i9-9900K processor and 64GB DDR4 RAM, providing robust performance for demanding applications. Windows 11 Pro offers a secure and efficient operating environment.

2.2 Performance and Cooling

This workstation is engineered for sustained high performance. It features an advanced cooling system designed to maintain optimal operating temperatures even under heavy workloads, ensuring reliability and longevity.

3. MAINTENANCE

3.1 General Care

To ensure the longevity of your workstation, keep it in a clean, dust-free environment. Avoid blocking ventilation openings. Regularly check for and install operating system updates and driver updates.

3.2 Internal Accessibility and Upgrades

The HP Z2 Tower G4 is designed with future-ready expandability. The chassis provides easy access for upgrades to storage, memory, and graphics cards (graphics card sold separately). The side panel can be removed for internal access.



Figure 3: Workstation with the side panel and front filter removed, illustrating internal accessibility for maintenance and upgrades.

3.3 Cleaning

Periodically clean the exterior of the workstation with a soft, dry cloth. Use compressed air to clear dust from ventilation grilles and internal components if you are comfortable opening the case. Ensure the system is powered off and unplugged before cleaning.

4. TROUBLESHOOTING

This section addresses common issues you might encounter with your HP Z2 Tower G4 Workstation.

- **System Not Powering On:**

- Ensure the power cable is securely connected to both the workstation and the electrical outlet.
- Verify the electrical outlet is functional.

- **No Display on Monitor:**

- Check that the monitor is powered on and correctly connected to the workstation's Display Port.
- Ensure the monitor input source is set correctly.

- **System Running Slowly or Freezing:**

- Close unnecessary applications.
- Check for sufficient free space on the 2TB NVMe SSD.
- Ensure the cooling vents are not obstructed. Excessive heat can lead to performance throttling.
- Run a system diagnostic tool (available in Windows) to check for hardware issues.

- **Unusual Fan Noise:**
 - While the workstation has an advanced cooling system, continuous heavy workloads can cause fans to run at higher speeds, producing more noise.
 - Ensure the workstation is in a well-ventilated area.
 - If the noise is excessive or unusual (e.g., grinding), consider cleaning dust from the fans or contacting support.
- **Operating System Issues:**
 - If Windows 11 encounters significant issues, consider using the recovery media you created (as described in Section 1.4) to reinstall the operating system.

5. SPECIFICATIONS

Below are the detailed technical specifications for the HP Z2 Tower G4 Workstation (Renewed).

Feature	Specification
Operating System	Windows 11 Pro x64
CPU	Intel Core i9-9900K (3.6 GHz, 8 Cores, 16 Threads, 16MB Cache)
Memory (RAM)	64GB DDR4
Storage	2TB NVMe PCIe M.2 SSD
Graphics	Intel UHD Graphics 630 (Integrated)
USB 3.1 Gen 2 Type-C Ports	1
USB 3.0 Ports	6
USB 2.0 Ports	2
Display Ports	2
Ethernet	10/100/1000 Mbps, Gigabit
Dimensions (LxWxH)	14 x 6.7 x 17.1 inches
Color	Black
Hardware Platform	PC

6. WARRANTY AND SUPPORT

As a renewed product, the warranty and support terms are typically provided by the seller or refurbisher. Please refer to the documentation provided with your purchase or contact the seller directly for specific details regarding your warranty coverage and available technical support.

For general information about renewed products, you may visit the [Amazon Renewed Store](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question