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- > [HP](#) /
- > [HP Z2 Mini G3 Mini Workstation User Manual](#)

HP Z2 Mini G3

HP Z2 Mini G3 Mini Workstation User Manual

Model: Z2 Mini G3

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HP Z2 Mini G3 Mini Workstation. Please read these instructions carefully to ensure optimal performance and longevity of your device.

The HP Z2 Mini G3 is a compact and powerful workstation designed for professional use, featuring an Intel i7-6700 processor, 32GB DDR4 RAM, a 256GB SSD, and NVIDIA Quadro M620 graphics, running on Windows 10 Pro 64-bit.



Figure 1: Front view of the HP Z2 Mini G3 Mini Workstation.

SETUP GUIDE

Follow these steps to set up your HP Z2 Mini G3 Mini Workstation:

1. **Unpack the Workstation:** Carefully remove the workstation and all accessories from its packaging. Ensure all

components are present.

2. Connect Peripherals:

- Connect your monitor(s) to the DisplayPort 1.2 outputs on the rear of the workstation. The device supports up to four 4K displays.
- Connect your keyboard and mouse to the available USB ports.
- If using a wired network connection, connect an Ethernet cable to the RJ-45 port.

3. **Connect Power:** Connect the power adapter to the workstation's power input and then plug the power cord into a wall outlet.

4. **Initial Boot-up:** Press the power button located on the front of the workstation. The system will begin the initial boot process.

5. **Operating System Setup:** Follow the on-screen prompts to complete the Windows 10 Pro setup, including language, region, network connection, and user account creation.



Figure 2: Rear view of the HP Z2 Mini G3 Mini Workstation showing various ports including DisplayPorts, USB, and Ethernet.

OPERATING INSTRUCTIONS

Power On/Off

- **Power On:** Press the power button on the front panel.
- **Shut Down:** In Windows, click the Start button, then Power, and select "Shut down."
- **Restart:** In Windows, click the Start button, then Power, and select "Restart."
- **Sleep:** In Windows, click the Start button, then Power, and select "Sleep."

Network Connectivity

- **Wired Connection:** Ensure an Ethernet cable is securely connected to the RJ-45 port on the rear of the workstation and to your network router/switch.
- **Wireless Connection (Wi-Fi):**
 - a. Click the Wi-Fi icon in the Windows taskbar.
 - b. Select your desired network from the list.
 - c. Enter the network security key (password) if prompted.
 - d. Click "Connect."

Display Configuration

The HP Z2 Mini G3 supports multiple displays via its DisplayPort 1.2 outputs. To configure your displays in Windows:

1. Right-click on an empty area of your desktop.
2. Select "Display settings."
3. From here, you can detect, arrange, and adjust the resolution and orientation of your connected monitors.

MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your workstation.

- **Cleaning:**
 - Use a soft, lint-free cloth to clean the exterior of the workstation.
 - For stubborn marks, slightly dampen the cloth with water or a mild, non-abrasive cleaner.
 - Avoid spraying liquids directly onto the device.
 - Use compressed air to gently clear dust from ventilation grilles periodically.
- **Ventilation:** Ensure the workstation is placed in a well-ventilated area. Do not block the air vents on the sides or rear of the device, as this can lead to overheating.
- **Software Updates:**
 - Regularly check for and install Windows updates to ensure security and performance. Go to **Settings > Update & Security > Windows Update**.
 - Keep your graphics drivers (NVIDIA Quadro M620) updated. Visit the NVIDIA website or use the NVIDIA control panel for driver updates.
- **Data Backup:** Regularly back up important data to an external drive or cloud storage to prevent data loss.

TROUBLESHOOTING

This section addresses common issues you might encounter.

- **No Power:**
 - Verify the power cord is securely connected to both the workstation and the power outlet.
 - Ensure the power adapter is functioning correctly.
 - Try a different power outlet.
- **No Display on Monitor:**
 - Check that the monitor is powered on and the video cable (DisplayPort) is securely connected to both the workstation and the monitor.
 - Ensure the correct input source is selected on your monitor.
 - Try connecting to a different DisplayPort on the workstation or a different monitor if available.
- **No Internet Connection:**
 - **Wired:** Check the Ethernet cable connection and ensure your router/modem is working.
 - **Wireless:** Verify Wi-Fi is enabled, you are connected to the correct network, and the password is correct. Restart your router/modem.
- **System Slowdown:**
 - Check for excessive background processes in Task Manager (Ctrl+Shift+Esc).
 - Ensure sufficient free space on the SSD.
 - Run a virus/malware scan.
 - Install any pending Windows or driver updates.

For more advanced troubleshooting or issues not covered here, please refer to the [official HP Support website](#) or contact your seller.

SPECIFICATIONS

Feature	Detail
Brand	HP
Model	Z2 Mini G3
Processor	Intel Core i7-6700 (3.4 GHz, up to 4.0 GHz)
RAM	32 GB DDR4
Storage	256 GB SSD
Graphics Coprocessor	NVIDIA Quadro M620
Operating System	Windows 10 Pro 64-bit
Max Screen Resolution	3840 x 2160 pixels (4K)
Display Ports	4x DisplayPort 1.2
Connectivity	WiFi, USB 3.0, Ethernet
Product Dimensions (LxWxH)	8.5 x 8.5 x 2.83 inches
Item Weight	7.98 pounds
Color	Black

WARRANTY AND SUPPORT

This product is sold as an Amazon Renewed item. Amazon Renewed products are professionally inspected and tested to work and look like new. If you are not satisfied with your purchase, renewed products are eligible for replacement or refund under the [Amazon Renewed Guarantee](#).

For specific support related to your purchase, including warranty claims or technical assistance, please contact the seller, **Avenue Computers**, directly through your Amazon order details. For general product information or driver downloads, you may also visit the [official HP Support website](#).