

## HP Z6 G5 A

# HP Z6 G5 A Workstation User Manual

Model: 9J2K8UT#ABA

## INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HP Z6 G5 A Workstation. Please read this guide thoroughly before using your workstation to ensure optimal performance and longevity.

The HP Z6 G5 A Workstation is designed for demanding tasks such as virtual production, 3D rendering, AI, and machine learning. It features a powerful AMD Ryzen™ Threadripper™ PRO CPU and supports multiple high-end GPUs, offering significant processing capabilities.

## WHAT'S IN THE BOX

Upon unpacking your HP Z6 G5 A Workstation, verify that all components are present:

- HP Z6 G5 A Workstation unit
- Keyboard
- Mouse
- Power Cable
- Documentation (this manual, warranty information)

If any items are missing or damaged, contact your vendor or HP support immediately.

## SETUP

Follow these steps to set up your HP Z6 G5 A Workstation:

1. **Unpacking:** Carefully remove the workstation from its packaging. Place it on a stable, flat surface with adequate ventilation.
2. **Connect Peripherals:**
  - Connect the provided keyboard and mouse to the available USB ports.

- Connect your monitor(s) to the appropriate display ports (e.g., DisplayPort, HDMI) on the graphics card.
  - Connect any other necessary peripherals such as external drives, printers, or network cables.
3. **Power Connection:** Connect the power cable to the workstation's power supply unit and then to a grounded electrical outlet.
  4. **Initial Power On:** Press the power button on the front of the workstation. The system will begin its boot sequence.
  5. **Operating System Setup:** Follow the on-screen instructions to complete the Windows 11 Pro for Workstations setup, including language, region, network connection, and user account creation.



**Image 1:** Front view of the HP Z6 G5 A Workstation, showcasing its ventilation grille and front panel ports. This image illustrates the general appearance of the workstation during initial setup.

## OPERATING THE WORKSTATION

The HP Z6 G5 A Workstation runs on Windows 11 Pro for Workstations, providing a robust environment for professional applications.

### Power Management

- **Power On:** Press the power button located on the front panel.
- **Shut Down:** In Windows, go to Start > Power > Shut down.
- **Restart:** In Windows, go to Start > Power > Restart.
- **Sleep:** In Windows, go to Start > Power > Sleep.

### Connecting to a Network

Your workstation can connect to a network via Ethernet or Wi-Fi (if a Wi-Fi adapter is installed).

- **Ethernet:** Connect an Ethernet cable from your router or network switch to the Ethernet port on the rear of the workstation.

- **Wi-Fi:** In Windows, click the network icon in the taskbar, select your Wi-Fi network, enter the password, and connect.

## Using USB Ports and Drives

The workstation features multiple USB ports for connecting external devices. For optimal performance, use USB 3.0 or higher ports for high-speed devices.



**Image 2:** Angled front-right view of the HP Z6 G5 A Workstation, highlighting the side panel and front access bays. This perspective

shows the robust chassis design.

## MAINTENANCE

---

Regular maintenance helps ensure the longevity and optimal performance of your HP Z6 G5 A Workstation.

### Cleaning

- **Exterior:** Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution. Avoid harsh chemicals.
- **Ventilation:** Periodically clean dust from the ventilation grilles using compressed air. Ensure the workstation is powered off and unplugged before cleaning.

### Software Updates

Keep your operating system, drivers, and applications updated to ensure security and performance.

- **Windows Updates:** Regularly check for and install Windows updates via Settings > Windows Update.
- **Driver Updates:** Visit the official HP support website for the latest drivers for your workstation's components, especially graphics card drivers.

### Data Backup

Regularly back up important data to an external drive or cloud storage to prevent data loss.



**Image 3:** Angled front-left view of the HP Z6 G5 A Workstation, showing the side panel and the overall tower design. This view

emphasizes the workstation's professional and robust build.

## TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your workstation.

### No Power

- Ensure the power cable is securely connected to both the workstation and the electrical outlet.
- Verify the power outlet is functional by plugging in another device.
- Check the power supply unit (PSU) switch on the rear of the workstation, if present, to ensure it is in the 'on' position.

### No Display

- Confirm the monitor is powered on and connected correctly to the graphics card ports.
- Try a different display cable or monitor if available.
- Ensure the correct input source is selected on your monitor.

### System Slowdown or Freezing

- Close unnecessary applications to free up system resources.
- Check Task Manager (Ctrl+Shift+Esc) for processes consuming excessive CPU, memory, or disk usage.
- Ensure your operating system and drivers are up to date.
- Run a system scan for malware or viruses.

If issues persist, consult the HP support website or contact technical support.

## SPECIFICATIONS

Component	Detail
Model Number	9J2K8UT#ABA
Processor	AMD Ryzen™ Threadripper™ PRO 7975WX (32 Core)
Installed RAM	32 GB
Storage	1 TB SSD
Graphics Card	NVIDIA RTX A4000 16 GB
Operating System	Windows 11 Pro for Workstations 64-bit
Chipset	AMD PRO 695 Chip
Dimensions (H x W x D)	24 x 23 x 12 inches
Item Weight	38 pounds

## WARRANTY AND SUPPORT

Your HP Z6 G5 A Workstation comes with a manufacturer's warranty. For detailed information regarding warranty terms, coverage, and duration, please refer to the warranty documentation included with your product or visit the

official HP support website.

For technical assistance, driver downloads, and further support resources, please visit the official HP Support website:

**HP Official Support**

When contacting support, please have your product model number (9J2K8UT#ABA) and serial number ready.