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> HP Z2 Mini G1a Workstation User Manual

## HP Z2 Mini G1a

# HP Z2 Mini G1a Workstation User Manual

Model: Z2 Mini G1a (BN4F9UT#ABA)

## 1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HP Z2 Mini G1a Workstation. Please read this manual thoroughly before using the device to ensure proper functionality and safety. The HP Z2 Mini G1a is a compact workstation designed for demanding professional workflows, featuring an AMD Ryzen AI MAX PRO processor and AMD Radeon 8050S Graphics.

## 2. SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, and injury to persons, and damage to the product.

- Do not open the computer chassis unless instructed by qualified personnel.
- Ensure the power cord is properly grounded.
- Keep the workstation away from liquids and excessive humidity.
- Do not block ventilation openings.
- Use only HP-approved power adapters and accessories.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- HP Z2 Mini G1a Workstation
- Power Adapter and Cord
- Quick Start Guide
- Warranty Information

## 4. SETUP

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### 4.1 Unpacking and Placement

Carefully remove the workstation from its packaging. Place the unit on a stable, flat surface with adequate ventilation. Avoid placing it in enclosed spaces or near heat sources.



Figure 1: Front view of the HP Z2 Mini G1a Workstation, showcasing its compact design and ventilation grille.

### 4.2 Connecting Peripherals

Connect your monitor, keyboard, and mouse to the appropriate ports on the workstation. Refer to the port diagram below for guidance.

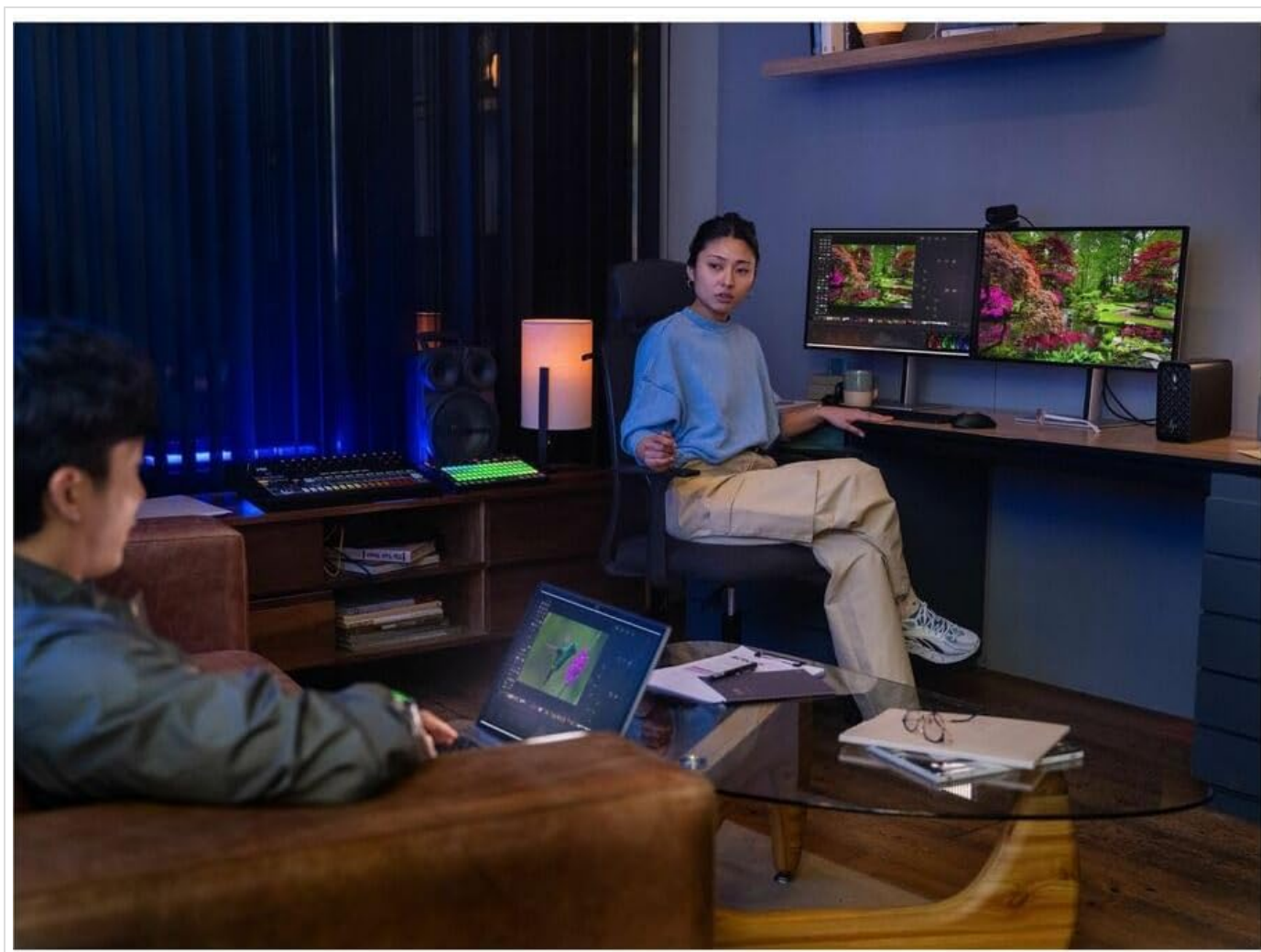


Figure 2: A user working with the HP Z2 Mini G1a Workstation connected to a monitor, keyboard, and mouse in an office setting.

### 4.3 Power Connection

1. Connect the power cord to the power adapter.
2. Plug the power adapter into the workstation's power input port.
3. Plug the other end of the power cord into a grounded electrical outlet.

### 4.4 Initial Boot-up

Press the power button located on the front of the workstation. The system will initiate the Windows 11 Pro setup process. Follow the on-screen instructions to complete the operating system configuration.

## 5. OPERATING THE WORKSTATION

### 5.1 Power On/Off

- **Power On:** Press the power button.
- **Power Off:** Click the Start button in Windows, then select Power > Shut down. Alternatively, press and hold the power button for 5 seconds to force a shutdown (use only when necessary).

### 5.2 Connecting to a Network

The workstation supports both wired (Ethernet) and wireless (Wi-Fi) network connections.

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

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

## 5.3 Using USB Ports

The workstation is equipped with multiple USB ports for connecting external devices such as storage drives, printers, and other peripherals.



Figure 3: Side view of the HP Z2 Mini G1a Workstation, showing various input/output ports for connectivity.

## 5.4 AI Acceleration Features

The HP Z2 Mini G1a Workstation features an AMD Ryzen AI MAX PRO processor with hardware AI accelerators. These are designed to enhance performance for AI-driven tasks and professional workflows. Utilize software optimized for AI acceleration to leverage these capabilities.

# 6. MAINTENANCE

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## 6.1 Cleaning

- Use a soft, dry cloth to clean the exterior of the workstation.
- For stubborn marks, slightly dampen the cloth with water or a mild, non-abrasive cleaner.
- Do not spray cleaners directly onto the workstation.

## 6.2 Software Updates

Regularly update your Windows operating system and drivers to ensure optimal performance and security. Check for updates via Windows Update and the HP Support Assistant application.

## 6.3 Data Backup

It is recommended to regularly back up your important data to an external storage device or cloud service to prevent data loss.

# 7. TROUBLESHOOTING

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## 7.1 No Power

- Ensure the power cord is securely connected to both the workstation and the electrical outlet.
- Verify the electrical outlet is functional by plugging in another device.
- Check the power adapter for any visible damage.

## 7.2 No Display

- Confirm the monitor is powered on and connected correctly to the workstation.
- Try connecting the monitor to a different display port if available.
- Ensure the correct input source is selected on your monitor.

## 7.3 System Slowdown

- Close unnecessary applications running in the background.
- Check for and install any pending Windows or driver updates.
- Run a system diagnostic tool (e.g., HP Support Assistant) to identify potential hardware issues.

## 8. SPECIFICATIONS

Feature	Detail
Model	HP Z2 Mini G1a Workstation (BN4F9UT#ABA)
Processor	AMD Ryzen AI MAX PRO 390-32 GB
Graphics	AMD Radeon 8050S Graphics
Storage	1 TB SSD (NVMe Controller, RAID Levels 0, 1)
Operating System	Windows 11 Pro
Dimensions (H x W x D)	19 x 7.5 x 11 inches
Weight	11.2 pounds

## 9. WARRANTY AND SUPPORT

### 9.1 Warranty Information

Your HP Z2 Mini G1a Workstation comes with a standard manufacturer's warranty. Please refer to the warranty document included in your package for specific terms and conditions. Keep your proof of purchase for warranty claims.

### 9.2 Technical Support

For technical assistance, visit the official HP support website or contact HP customer service. Have your product model number (BN4F9UT#ABA) and serial number ready when contacting support.

**HP Support Website:** [www.hp.com/support](http://www.hp.com/support)

