MSI PAG PANO M110A

MSI PAG PANO M110A Mid-Tower Gaming PC Case User Manual

Model: PAG PANO M110A

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your MSI PAG PANO M110A Mid-Tower Gaming PC Case. Please read this manual thoroughly before beginning assembly to ensure proper setup and optimal performance of your system.

Setup and Installation

1. Unboxing and Inspection

- Carefully remove the PC case from its packaging.
- Inspect the case for any signs of damage that may have occurred during transit.
- Verify that all included accessories, such as screws, cable ties, and the user manual, are present.

2. Preparing the Case

- Place the case on a stable, flat surface to begin assembly.
- Remove the side panels. These are typically secured with thumbscrews located at the rear of the case.



Figure 1: Front-left view of the MSI PAG PANO M110A PC Case, showcasing the tempered glass side panel and pre-installed RGB fans.

3. Motherboard Installation

- Install the I/O shield into the designated opening at the rear of the case.
- Align your Micro-ATX or Mini-ITX motherboard with the pre-installed standoffs inside the case.
- Secure the motherboard using the provided screws.

4. Power Supply Unit (PSU) Installation

- Mount the PSU into its designated compartment, typically located at the bottom rear of the case.
- Secure the PSU with screws from the rear of the case.

5. Graphics Card (GPU) Installation

- Remove the necessary PCIe slot covers from the rear of the case.
- Insert your GPU into the appropriate PCIe slot on the motherboard.
- Secure the GPU with screws. This case supports GPUs up to 330mm in length.



Figure 2: Internal view of the MSI PAG PANO M110A PC Case, demonstrating component installation including motherboard, CPU cooler, graphics card, and multiple RGB fans.

6. Storage Drive Installation

- Locate the drive bays for 2.5-inch SSDs or 3.5-inch HDDs.
- Mount your storage drives and secure them with screws.

7. Cable Management

- Connect all necessary power cables from the PSU to the motherboard, GPU, and storage drives.
- Connect front panel cables (USB, audio, power/reset switches, LED indicators) to the corresponding motherboard headers.
- Route cables behind the motherboard tray to maintain optimal airflow and a clean aesthetic within the case.

Operation

1. Powering On

- Ensure all components are correctly installed and all cables are securely connected.
- Connect the power cable to the PSU and a grounded wall outlet.
- Press the power button located on the front panel of the case.



Figure 3: Top panel I/O of the MSI PAG PANO M110A, featuring the power button, USB ports, and audio jacks for convenient access.

2. Airflow and Cooling

The MSI PAG PANO M110A is designed with optimized airflow. The mesh front panel and pre-installed fans facilitate efficient air intake and exhaust. To ensure optimal cooling performance, verify that no obstructions block the fan vents.

3. RGB Lighting

The pre-installed fans feature Auto RGB lighting with a dynamic Rainbow RGB effect. These fans operate automatically and do not require additional software control for their default lighting pattern.

Maintenance

1. Dust Filter Cleaning

The case is equipped with a magnetic dust filter on the top panel. Regularly clean this filter to prevent dust buildup and maintain optimal airflow and system performance.

1. Gently remove the magnetic dust filter from the top panel.
2. Clean the filter using compressed air or by rinsing it with water. Ensure it is completely dry before reattaching.
3. Reattach the magnetic dust filter to the top panel.

2. General Cleaning

Use a soft, dry cloth to wipe down the exterior surfaces of the case. For tempered glass panels, use a microfiber cloth and a non-abrasive glass cleaner if necessary to avoid scratches.

Troubleshooting

Common Issues and Solutions:

- **PC does not power on:**
  Check all power connections, including the PSU to the wall outlet, PSU to motherboard, and the front panel

power switch cable to the motherboard header. Ensure the PSU's physical switch is in the 'ON' position.

- **Fans not spinning or RGB not lighting up:**
  Verify that all fan power cables and RGB cables (if applicable) are securely connected to the motherboard or any dedicated fan/RGB controller.
- **Poor airflow or overheating:**
  Ensure all dust filters are clean and free from obstructions. Check that fans are spinning in the correct direction (intake/exhaust) as intended. Verify proper cable management to avoid blocking internal airflow paths.
- **Front panel USB/Audio not working:**
  Confirm that the front panel USB and audio cables are correctly connected to the corresponding headers on the motherboard. Refer to your motherboard manual for header locations.

Specifications

Feature	Detail
Brand	MSI
Model Name	PAG PANO M110A
Colour	Black
Form Factor	Mid-Tower
Motherboard Support	Micro-ATX, Mini-ITX
GPU Length Support	Up to 330 mm
CPU Cooler Height Support	Up to 160 mm
PCIe Slots	5
Pre-installed Fans	2 x 120mm Top (Auto RGB), 1 x 120mm Rear (Auto RGB)
Max Fan Support	7 System Fans
Radiator Support (Top)	120mm, 240mm
Radiator Support (Rear)	120mm
Dust Filter	Magnetic (Top Panel)
Product Dimensions (LxWxH)	36.9 x 21 x 44.8 cm
Item Weight	5.1 kg

Warranty Information

The MSI PAG PANO M110A PC Case comes with a**2-year warranty** from the date of purchase. This warranty covers manufacturing defects and material faults under normal use. Please retain your proof of purchase for any warranty claims. For detailed terms and conditions, refer to the official MSI website or contact customer support.

Support and Contact Information

For technical assistance, warranty claims, or further inquiries regarding your MSI PAG PANO M110A PC Case, please contact MSI customer support or visit their official website.

- **Manufacturer:** MSI, Micro-Star INT'L CO., LTD. No.69, Lide St., Zhonghe Dist., New Taipei City 235, Taiwan. http://www.msi.com
- **Importer (India):** Acro Engineering Company, C-87 DDA Sheds, Okhla Industrial Area, Phase-1, New Delhi 110020.

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

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