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Model: MAG PANO M100R PZ White
Brand: MSI

INTRODUCTION

The MSI MAG PANO M100R PZ White is a premium mid-tower gaming PC case designed for optimal performance and aesthetic appeal. It features a 270-degree panoramic display, offering a clear view of your internal components. This case is specifically designed to support Micro-ATX Back-connect motherboards, ensuring a clean and organized build. It comes equipped with pre-installed ARGB fans and a fan hub for easy lighting control. Key features include tool-free side panels, efficient cooling support, and convenient front I/O ports.



Figure 1: Overview of the MSI MAG PANO M100R PZ White PC Case.

KEY FEATURES

- **Micro-ATX and Mini-ITX Motherboard Compatibility:** Designed to be compatible with Micro-ATX Back-connect motherboards, measuring 440 x 235 x 405 mm.
- **Pre-installed ARGB Fans:** Includes 4 x 120 mm ARGB pre-installed fans (3 at the side, 1 at the rear) for ambient illumination and improved airflow.
- **Efficient Cooling System:** Features mesh in the side panel for enhanced airflow and supports up to a 360 mm radiator on the top.
- **Easy Assembly:** Equipped with a level indicator and GPU stand to prevent sagging, along with 33 mm cable routing space and Velcro straps for simplified cable management.

- **Tool-Free Dust Filters:** Removable dust filters on the top and a magnetic dust filter at the bottom for easy cleaning and dust prevention.
- **Insta-Light I/O Panel:** Front I/O panel includes power & LED switch button, mic/audio jacks, a high-speed USB 3.2 Gen 2x2 Type-C (20Gbps) port, and USB 3.2 Gen 1 Type-A (5Gbps) ports.

SETUP GUIDE

1. Motherboard Installation

The MAG PANO M100R PZ White case is optimized for Micro-ATX and Mini-ITX motherboards, especially those with back-connect designs. This allows for a cleaner internal layout by routing cables behind the motherboard tray.

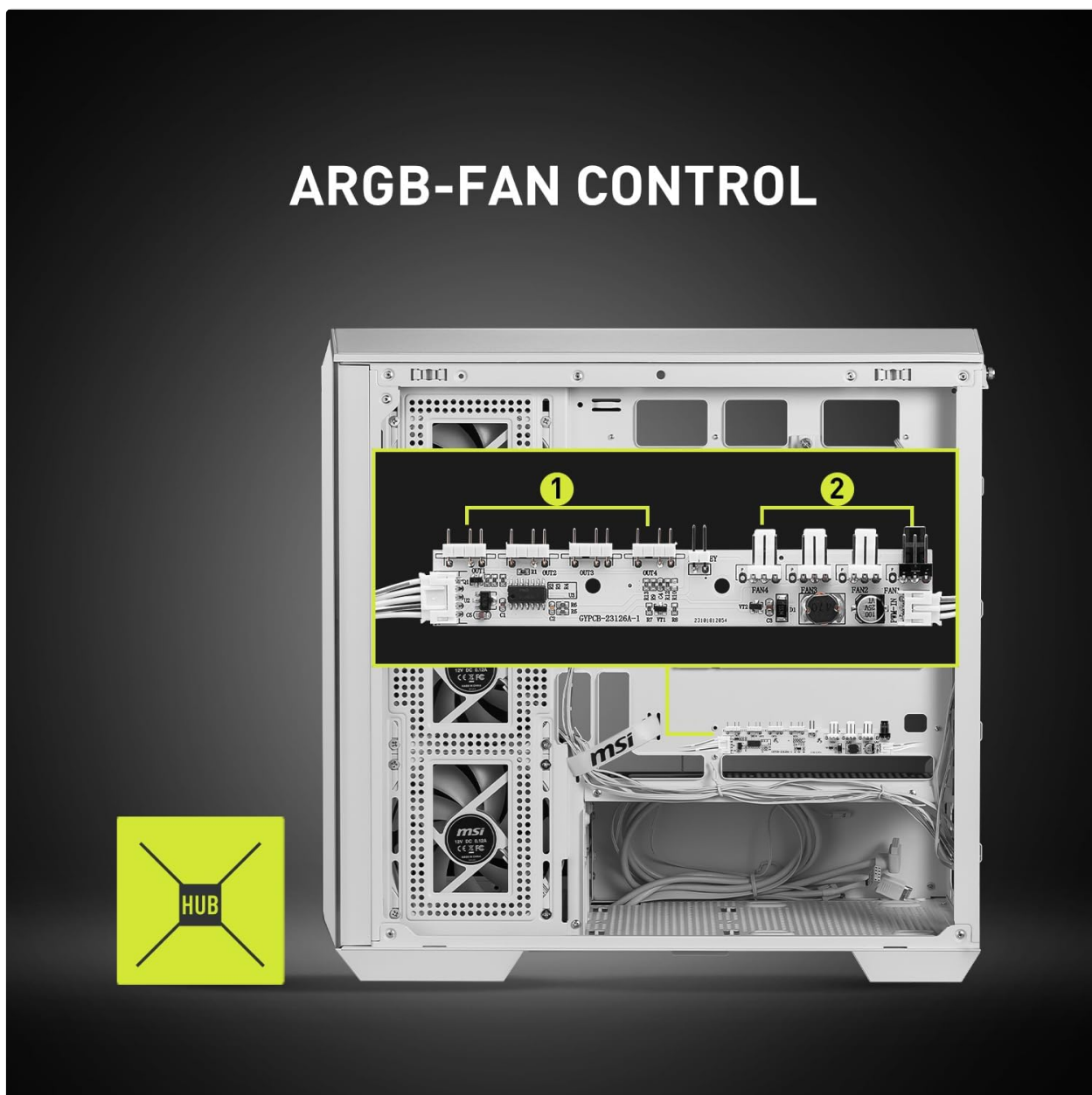


Figure 2: Motherboard compatibility and fan layout.

2. Cooling System Setup

The case comes with four pre-installed 120mm ARGB fans to ensure efficient cooling. Three fans are located on the side panel, and one is at the rear. The design includes mesh for improved airflow. The case supports liquid cooling

radiators up to 360mm on the top panel.

INSTA-LIGHT LOOP BUTTON



Figure 3: Internal cooling system with ARGB fans.

HARDWARE SUPPORT



Figure 4: Cooling layout options.

3. Cable Management

The case provides 33mm of cable routing space behind the motherboard tray, along with integrated Velcro straps, to help keep your build tidy and improve airflow. Utilize these features to route power and data cables efficiently.

CABLE ROUTING



Figure 5: Cable routing features.

4. Storage Installation

The case supports various storage configurations, including 2.5-inch and 3.5-inch drives. Plan your storage layout based on your needs, ensuring secure mounting of all drives.

COOLING LAYOUT

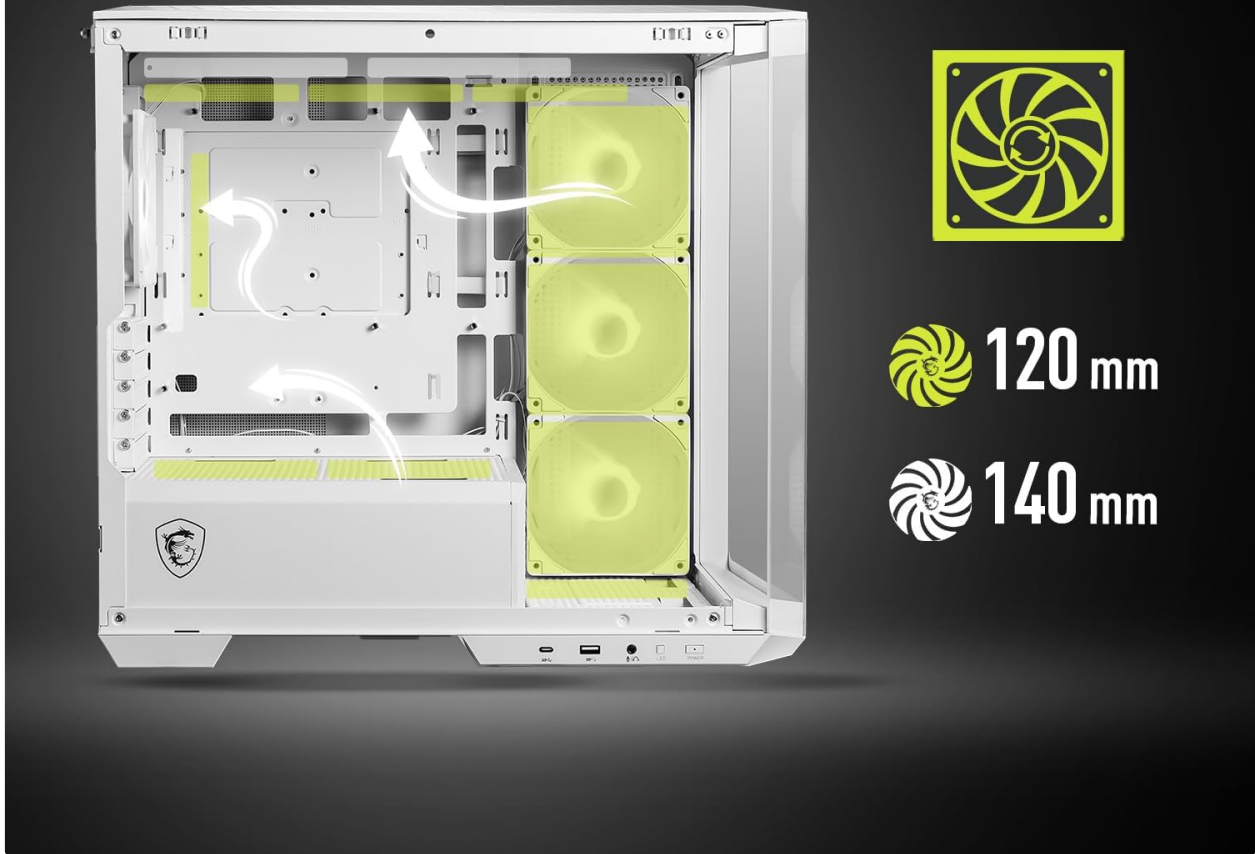


Figure 6: Storage configuration options.

OPERATING INSTRUCTIONS

1. ARGB Lighting Control

The pre-installed ARGB fans offer customizable lighting. You can control the lighting effects directly from the Insta-Light button on the front I/O panel. Pressing this button cycles through various lighting modes and colors.

BACK-CONNECT COMPATIBLE

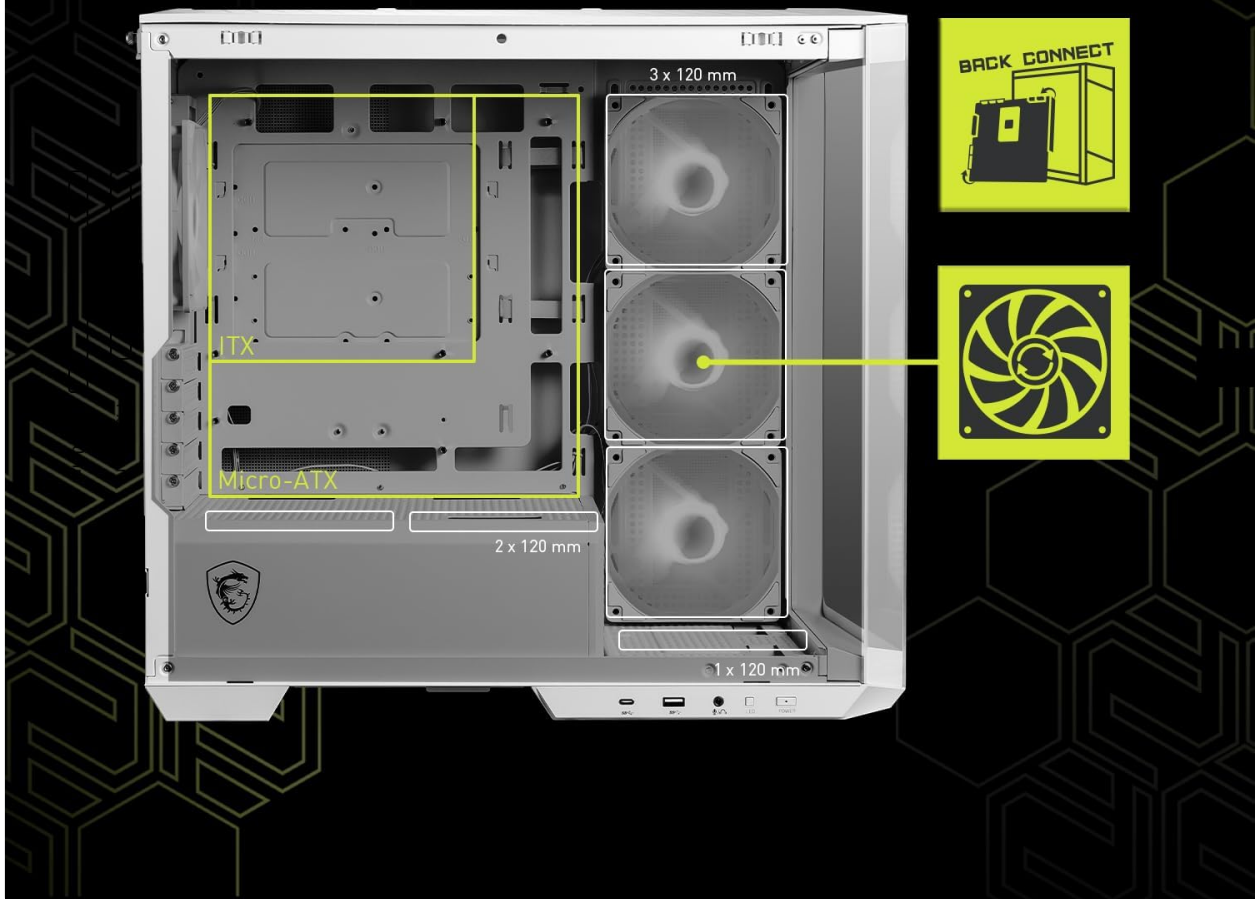


Figure 7: Insta-Light button on the front I/O panel.

2. Front I/O Panel Usage

The front I/O panel provides convenient access to essential ports for your peripherals. It includes:

- 1 x USB 3.2 Gen 2x2 Type-C (20Gbps) port
- 1 x USB 3.2 Gen 1 Type-A (5Gbps) port
- Mic-in / Audio-out jacks
- LED Switch button (for ARGB control)
- Power button



Figure 8: Front I/O panel details.

MAINTENANCE

Dust Filter Cleaning

To maintain optimal airflow and prevent dust buildup, regularly clean the dust filters. The top filter is tool-free and easily removable. The bottom filter is magnetic for convenient removal and reattachment.

DUST FILTER

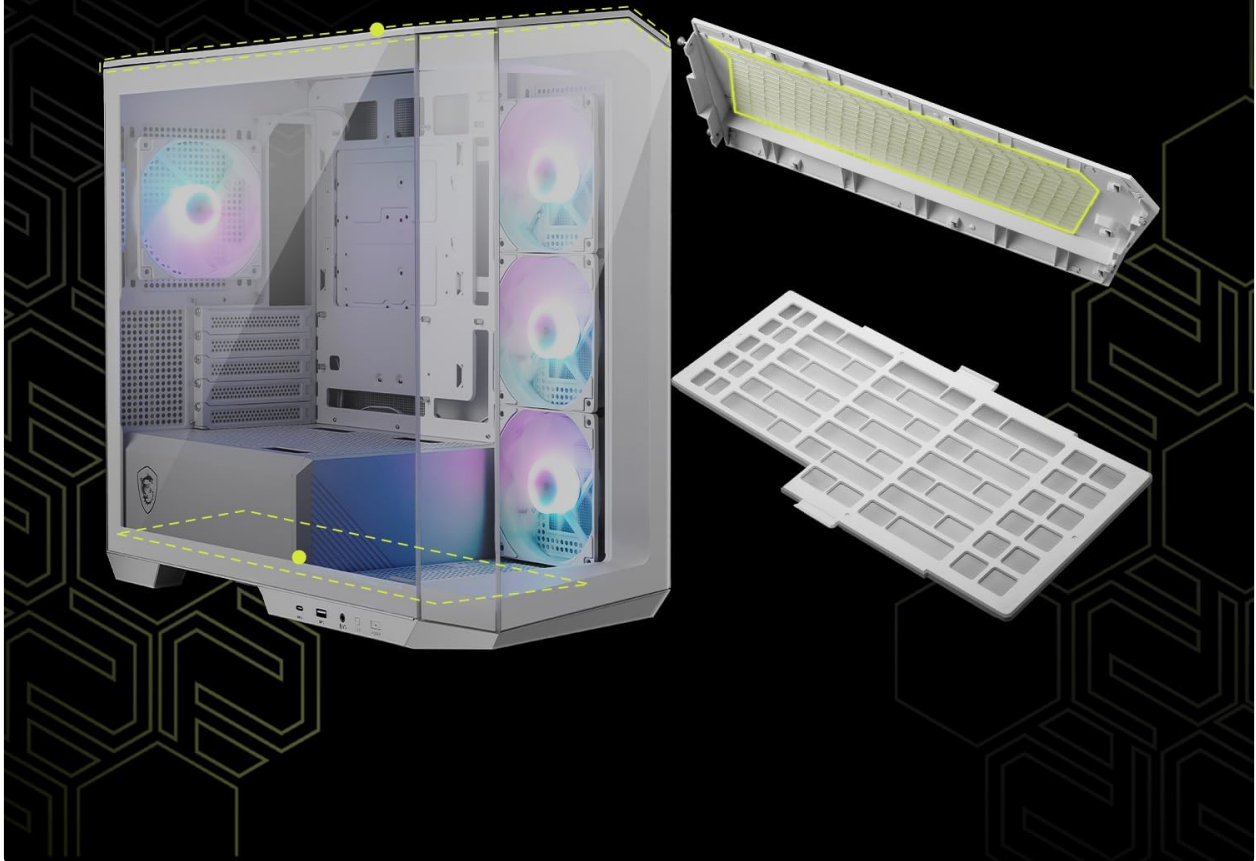


Figure 9: Dust filter locations.

TROUBLESHOOTING

If you encounter issues with your MSI MAG PANO M100R PZ White case, consider the following general troubleshooting steps:

- **No Power:** Ensure all power cables (24-pin ATX, CPU, GPU, SATA) are securely connected to the motherboard, components, and power supply unit. Check the power supply switch is in the 'ON' position.
- **Fans Not Spinning/RGB Not Working:** Verify that all fan and ARGB cables are correctly connected to the fan hub and motherboard headers. Use the Insta-Light button to cycle through modes. If using motherboard software, ensure it's updated and configured correctly.
- **USB Ports Not Functioning:** Check the internal USB headers (USB 3.0, USB 2.0, USB-C) are properly connected to the motherboard. Ensure motherboard drivers are installed.
- **Overheating:** Ensure all fans are spinning correctly and dust filters are clean. Verify proper component installation and thermal paste application on CPU/GPU.
- **Loose Panels:** Ensure side panels are securely latched. For glass panels, check that all mounting points are

aligned.

For more detailed troubleshooting, refer to your motherboard's specific manual or contact MSI support.

SPECIFICATIONS

Feature	Detail
Brand	MSI
Series	MAG PANO M100R PZ
Item Model Number	824142337714
Item Weight	25.8 pounds
Color	White
Motherboard Support	Micro-ATX, Mini-ITX (Micro-ATX Back-connect compatible)
Pre-installed Fans	4 x 120 mm ARGB (3 side, 1 rear)
Radiator Support	Up to 360 mm (top)
Cable Routing Space	33 mm
Front I/O Ports	1x USB 3.2 Gen 2x2 Type-C (20Gbps), 1x USB 3.2 Gen 1 Type-A (5Gbps), Mic-in/Audio-out, LED Switch, Power Button

WARRANTY AND SUPPORT

This MSI product comes with a standard manufacturer's warranty. For detailed warranty information, including terms, conditions, and registration, please refer to the official MSI website or the warranty card included with your product. For technical support, driver downloads, and further assistance, visit the MSI support page or contact their customer service directly.

MSI Official Website: www.msi.com