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› RAIJINTEK PONOS MS4 Mid-Tower PC Case Instruction Manual

## RAIJINTEK PONOS MS4

# RAIJINTEK PONOS MS4 Mid-Tower PC Case Instruction Manual

## INTRODUCTION

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The RAIJINTEK PONOS MS4 is a high-performance mid-tower PC case designed for enthusiasts and gamers. It features a full mesh front panel for optimal airflow, a tempered glass side panel to showcase your build, and comes equipped with four pre-installed ARGB fans. This manual provides essential information for the proper assembly, operation, and maintenance of your PONOS MS4 PC case.



Image: The RAIJINTEK PONOS MS4 Mid-Tower PC Case, showcasing its sleek black design and mesh front panel.

## PRODUCT FEATURES

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- **Pre-installed ARGB Fans:** Includes three 12025 ARGB fans at the front and one 12025 ARGB fan at the rear for effective cooling and vibrant lighting.
- **Integrated ARGB Hub:** Features a built-in PCB hub with six 5V ARGB ports for centralized lighting control.
- **LED Mode Control:** The I/O reset button allows direct cycling through various LED lighting modes.
- **Tempered Glass Side Panel:** A 4mm tempered glass side panel provides a clear view of internal components.
- **Wide Motherboard Compatibility:** Supports EEB, E-ATX, ATX, Micro-ATX, and Mini-ITX motherboard form factors.
- **Extensive Cooling Support:** Accommodates various radiator sizes for both air and liquid cooling setups.
- **Flexible Storage Options:** Supports up to three 3.5-inch HDDs and two 2.5-inch HDDs/SSDs, or five 2.5-inch HDDs/SSDs.

- **Magnetic Dust Filters:** Equipped with magnetic dust filters for easy cleaning and improved system longevity.
- **High-End Component Support:** Max VGA card length of 390mm and CPU cooler height of 165mm.

## SETUP AND INSTALLATION

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### Motherboard Installation

The PONOS MS4 supports a wide range of motherboard sizes. Ensure you install the correct standoffs for your specific motherboard form factor (E-ATX, ATX, Micro-ATX, Mini-ITX).



Image: Diagram illustrating motherboard compatibility and mounting points within the chassis.

### Cooling System Installation

The case comes with three 12025 ARGB fans pre-installed at the front and one at the rear. Additional fans or radiators can be installed:

- **Front:** Supports 120/140/240/280/360mm radiators (up to 30mm thickness).
- **Top:** Supports 120/140/240/280mm radiators (up to 65mm thickness).
- **Rear:** Supports 120mm radiators.



Image: Diagram showing various radiator sizes that can be installed at the front of the case.



Image: Diagram illustrating radiator installation options for the top panel.

## Storage Drive Installation

The case provides flexible options for installing 3.5-inch HDDs and 2.5-inch HDDs/SSDs. The drive cage is removable for easier installation or to create more space for power supply cables.

- Up to three 3.5-inch HDDs and two 2.5-inch HDDs/SSDs.
- Alternatively, up to five 2.5-inch HDDs/SSDs.



Image: Diagram showing the installation of a 3.5-inch Hard Disk Drive.



Image: Diagram showing the installation of 2.5-inch Hard Disk Drives or Solid State Drives.

## Power Supply and Cable Management

The power supply unit (PSU) is mounted at the bottom of the case. Ensure proper cable routing through the designated cutouts to maintain good airflow and a clean build appearance. The case offers sufficient space behind the motherboard tray for cable management.

## OPERATION

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### I/O Panel Functions

The top I/O panel provides convenient access to essential controls and ports:

- **Power Button:** To turn the system on or off.
- **Reset Button:** Functions as an LED mode control button. Press to cycle through various ARGB lighting effects for the pre-installed fans. (Note: If connected to a motherboard's 5V ARGB header, lighting can be synced via motherboard software.)
- **USB 3.0 Port (x1):** For high-speed data transfer.
- **USB 2.0 Ports (x2):** For connecting peripherals.
- **HD Audio Jacks (x1):** For headphone and microphone connections.



Image: Detailed view of the top I/O panel, showing the power button, reset/LED button, USB ports, and audio jacks.

## MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your PC components.

- **Dust Filter Cleaning:** The PONOS MS4 is equipped with magnetic dust filters. Regularly remove and clean these filters to prevent dust buildup and maintain efficient airflow.
- **Internal Cleaning:** Periodically use compressed air to remove dust from internal components, especially fan blades and heatsinks. Ensure the system is powered off and unplugged before cleaning.
- **Cable Management Check:** Occasionally verify that all internal cables are neatly routed and not obstructing airflow or fan operation.

## TROUBLESHOOTING

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If you encounter issues with your PC case, consider the following common troubleshooting steps:

- **System Not Powering On:** Ensure all power cables (24-pin ATX, 8-pin CPU, GPU power) are securely connected to the motherboard and components. Verify the power supply switch is in the 'ON' position. Check front panel header connections to the motherboard.
- **Fans Not Spinning/RGB Not Working:** Confirm that the ARGB fans are properly connected to the internal PCB hub and the hub is receiving SATA power. If using motherboard sync, ensure the 5V ARGB header is correctly connected and motherboard software is configured. Try pressing the I/O reset button to cycle LED modes.
- **Poor Airflow/Overheating:** Check if dust filters are clean and not obstructed. Ensure fans are spinning correctly and oriented for optimal airflow (front intake, rear/top exhaust). Verify no cables are blocking fan blades.
- **Loose Connections:** If any components seem unstable or make unusual noises, power down the system and check all screws and connections for tightness.

## SPECIFICATIONS

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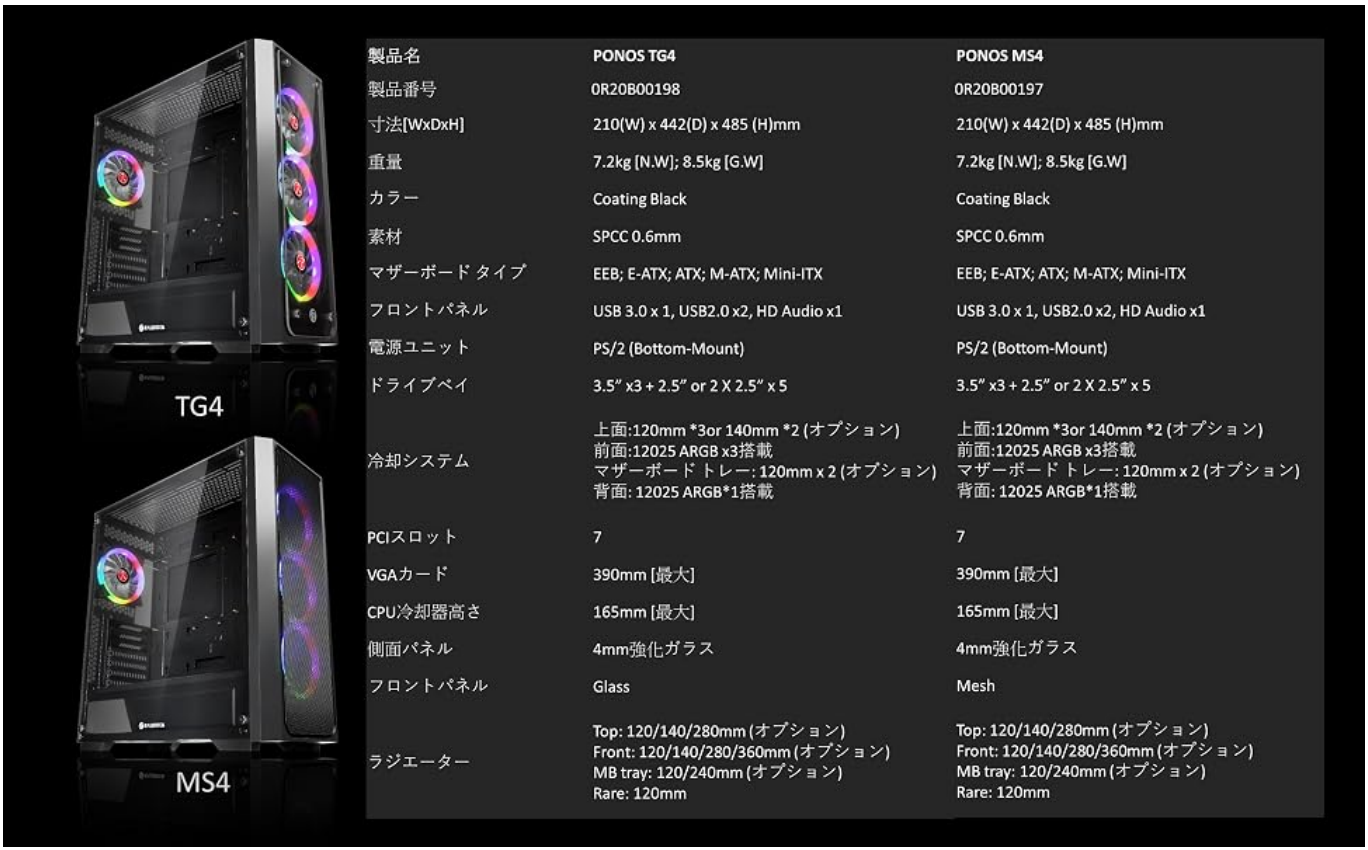


Image: Detailed specifications for the RAIJINTEK PONOS TG4 and MS4 models.

RAIJINTEK PONOS MS4 Technical Specifications

| Feature                           | Specification                          |
|-----------------------------------|----------------------------------------|
| Product Name                      | PONOS MS4                              |
| Product Number                    | 0R20B00197                             |
| Dimensions (W x D x H)            | 210mm x 442mm x 485mm                  |
| Weight (Net/Gross)                | 7.2kg / 8.5kg                          |
| Color                             | Coating Black                          |
| Material                          | SPCC 0.6mm                             |
| Motherboard Type Support          | EEB, E-ATX, ATX, M-ATX, Mini-ITX       |
| I/O Ports                         | USB 3.0 x 1, USB 2.0 x 2, HD Audio x 1 |
| Power Supply Unit                 | PS/2 (Bottom-Mount)                    |
| Drive Bays                        | 3.5" x 3 + 2.5" x 2 or 2.5" x 5        |
| Cooling System - Top              | Optional: 3x 120mm or 2x 140mm fans    |
| Cooling System - Front            | 3x 12025 ARGB fans (pre-installed)     |
| Cooling System - Motherboard Tray | Optional: 2x 120mm fans                |

| Feature                  | Specification                     |
|--------------------------|-----------------------------------|
| Cooling System - Rear    | 1x 12025 ARGB fan (pre-installed) |
| PCI Slots                | 7                                 |
| Max VGA Card Length      | 390mm                             |
| Max CPU Cooler Height    | 165mm                             |
| Side Panel               | 4mm Tempered Glass                |
| Front Panel              | Mesh                              |
| Radiator Support - Front | Optional: 120/140/280/360mm       |
| Radiator Support - Top   | Optional: 120/140/240/280mm       |
| Radiator Support - Rear  | 120mm                             |



Image: Diagram showing the physical dimensions of the RAIJINTEK PONOS MS4 PC case.

## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official RAIJINTEK website or contact your local retailer. Keep your proof of purchase for warranty claims.

## ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

### Name

Anonymous

### Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

### Question

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

### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question