

Montech XR-W

MONTECH XR ATX Mid-Tower PC Gaming Case User Manual

Model: XR-W

INTRODUCTION

The MONTECH XR ATX Mid-Tower PC Gaming Case is designed for optimal performance and aesthetics, featuring a full-view dual tempered glass panel and a unique wood-grain design I/O interface. This case supports high-end components, including 40 series GPUs and 360mm radiators, ensuring excellent compatibility and cooling for your gaming setup. It comes with three pre-installed ARGB PWM fans to provide efficient airflow right out of the box.

KEY FEATURES

- **Wood-Grain Design I/O Interface:** Experience mature wood grain design I/O interface, seamlessly blending nature's charm into your workspace while providing easy access to essential ports for an elegant upgrade.
- **Extensive Radiator and GPU Support:** Accommodates a 360mm radiator at the top and supports high-end GPUs like the 40 series.
- **Compact Size, High Compatibility:** Despite its compact size, XR boasts exceptional compatibility, ensuring it meets all your high-performance gaming needs.
- **Pre-installed ARGB Fans:** Equipped with 3 pre-installed ARGB fans, with a maximum speed of 1500 RPM—2 reverse-blade fans on the side and 1 regular-blade fan at the rear. Supports up to 9 fans in total, providing users with optimal cooling performance.
- **Comprehensive Filtration:** Top-notch filters cover every angle—top, bottom, and side panels—ensuring impeccable cleanliness and optimal heat dissipation for peak performance.

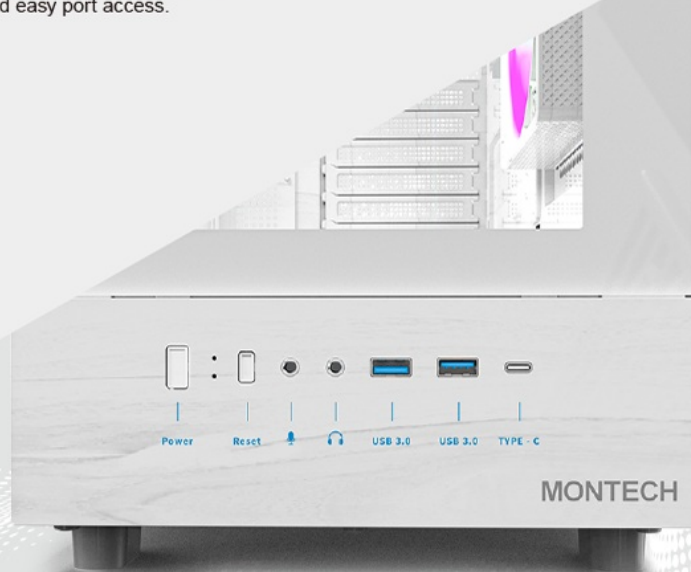
PRODUCT OVERVIEW



Overall view of the MONTECH XR case, showcasing its white finish and tempered glass panels.

Wood-Grain Elegance in I/O Interface



Experience timeless elegance with our wood grain I/O interfaces in black or white. Elevate your workspace with this stunning design and easy port access. Upgrade now and stand out with elegance.



The MONTECH XR case with internal components, including a motherboard and GPU, installed and illuminated by ARGB fans.

Enhanced Compatibility and Superior Cooling

Experience optimal cooling performance, it supports a 360mm or 240mm radiator on the top, and a 120mm or 140mm radiator at the rear. Ensuring the better airflow, it accommodates up to 9 fans.

 Radiator Support
 Fan Support

120/140/240/360 mm

120*3/140*2 mm

120/140 mm
120*1/140*1 mm

120*2 mm

120*3 mm



Detailed view of the wood-grain design I/O interface, featuring power, reset, audio jacks, USB 3.0, and Type-C ports.

Maximized Gaming Compatibility

Enjoy the macro compatibility in the micro space. It supports high-end GPUs like the NVIDIA® GeForce RTX™ 40 series. Combines space and performance, redefining elegance in gaming.

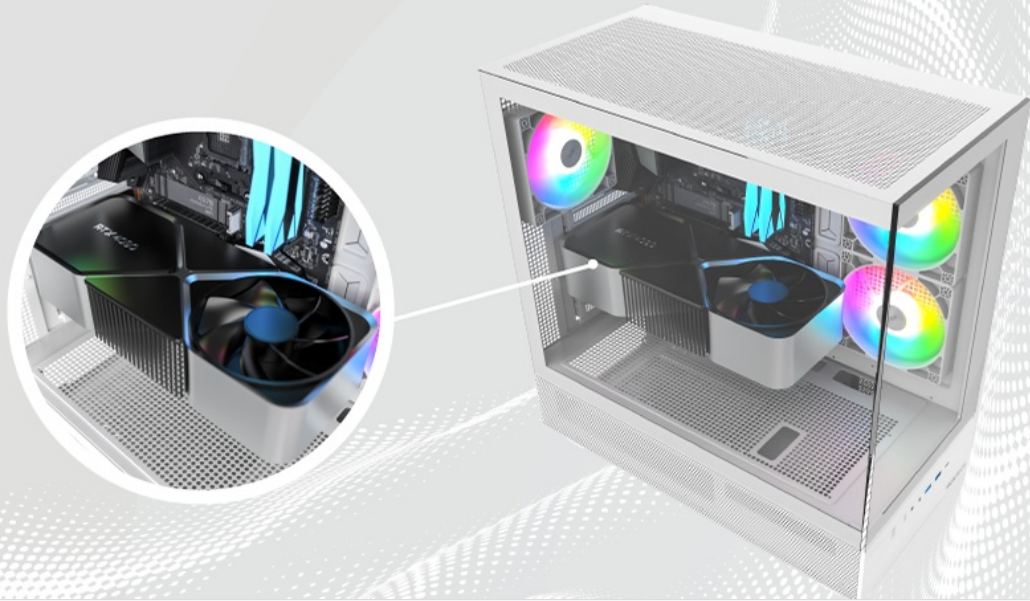


Diagram illustrating the fan and radiator support configurations for the MONTECH XR case, including top, side, and rear placements.

Chill with Silent Monster Cooling

Comes with three pre-installed fans, two reverse-blade fans on the side and one regular-blade fan at the rear with speeds of up to 1500RPM. Enjoy efficient cooling with the silent monster.



Illustration demonstrating the spacious interior of the MONTECH XR case, capable of accommodating large GPUs like the NVIDIA GeForce RTX 40 series.

SETUP GUIDE

Follow these steps to set up your MONTECH XR PC Gaming Case:

1. **Unpacking:** Carefully remove the case from its packaging. Inspect for any damage during transit.

2. **Accessing Interior:** The tempered glass side panels are designed for easy removal. Gently unlatch or unscrew them to access the interior for component installation.
3. **Motherboard Installation:** Install your ATX or Micro ATX motherboard onto the standoffs provided. Ensure all screws are securely fastened.
4. **Power Supply Installation:** Mount your power supply unit (PSU) in the bottom mount location. Route cables through the designated cutouts for clean cable management.
5. **GPU Installation:** Install your graphics card. The case supports large GPUs, including the NVIDIA GeForce RTX 40 series. Ensure proper seating in the PCIe slot and secure with screws.
6. **Storage Drive Installation:** Install your 2.5" SSDs or 3.5" HDDs in the designated drive bays.
7. **Radiator/Fan Installation:** The case supports up to a 360mm radiator at the top and additional fans (up to 9 in total). Utilize the pre-installed ARGB fans and add more as needed for optimal cooling.
8. **Cable Management:** Utilize the ample space and cable management channels behind the motherboard tray to route and secure all power and data cables. This improves airflow and aesthetics.
9. **Connecting Front I/O:** Connect the front panel I/O cables (USB, audio, power, reset) to their respective headers on your motherboard.
10. **Final Assembly:** Once all components are installed and cables managed, reattach the tempered glass panels securely.

OPERATING INSTRUCTIONS

The MONTECH XR case functions as an enclosure for your PC components. Its operation is primarily tied to the components installed within it. Ensure all power connections are secure before powering on your system.

- **Power On/Off:** Use the power button on the front I/O panel to turn your system on or off.
- **ARGB Fan Control:** The pre-installed ARGB fans can be controlled via your motherboard's ARGB software (if connected to an ARGB header) or a dedicated fan controller (if included or purchased separately). Refer to your motherboard manual for ARGB software instructions.
- **USB and Audio Ports:** Utilize the front panel USB 2.0, USB 3.0, and Type-C ports for connecting peripherals and the audio jacks for headphones and microphones.

MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your PC case:

- **Dust Filters:** The MONTECH XR case features top, bottom, and side dust filters. Regularly remove and clean these filters to prevent dust buildup inside the case, which can impede airflow and component cooling. Use compressed air or a soft brush.
- **Exterior Cleaning:** Wipe the exterior surfaces, including the tempered glass panels, with a soft, damp, lint-free cloth. Avoid abrasive cleaners that could scratch the finish or glass.
- **Interior Dusting:** Periodically, with the system powered off and unplugged, use compressed air to gently remove dust from internal components and fan blades.

TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
System does not power on.	Front panel power button not connected; PSU not receiving power; PSU switch off.	Ensure front panel power cable is correctly connected to motherboard. Check PSU power cable and switch.
Fans are not spinning or ARGB not lighting up.	Fan cables not connected; ARGB header not connected or configured.	Verify fan power cables are connected to motherboard headers or fan controller. Ensure ARGB cables are connected to motherboard ARGB header and configured via software.
Poor airflow or high temperatures.	Dust buildup on filters/fans; incorrect fan orientation.	Clean dust filters and fans. Ensure fans are oriented correctly for optimal intake/exhaust.
Front USB ports not working.	USB header cable not connected to motherboard.	Check that the USB 2.0, USB 3.0, and Type-C header cables are securely connected to the correct motherboard headers.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	XR-W
Case Type	Mid-Tower
Color	White
Material	Tempered Glass
Motherboard Compatibility	Micro ATX (also supports ATX)
Dimensions (LxWxH)	17.13 x 9.01 x 17.95 inches
Item Weight	17.41 pounds
Pre-installed Fans	3 x 120mm ARGB PWM Fans (2 reverse-blade side, 1 regular-blade rear)
Max Fan Support	Up to 9 fans
Radiator Support	Up to 360mm (Top), 120/140mm (Rear)
GPU Support	Supports 40 series GPUs
Front I/O Ports	2 x USB 2.0, 2 x USB 3.0, 1 x Type-C, Audio In/Out
Power Supply Mounting Type	Bottom Mount
Cooling Method	Air

WARRANTY AND SUPPORT

MONTECH products are manufactured to high-quality standards. For warranty information and technical support, please refer to the official MONTECH website or contact their customer service directly. Keep your proof of purchase for warranty claims.

For further assistance, please visit: www.montechpc.com