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Montech HS02B

MONTECH HS02 ATX Mid-Tower PC Case Instruction Manual

Model: HS02B

PRODUCT OVERVIEW

The MONTECH HS02 is a versatile ATX Mid-Tower PC case designed for high-airflow gaming systems. It features a unique reversible layout, a sturdy curved tempered glass front panel, and toolless design elements for ease of assembly and maintenance. This manual provides detailed instructions for setting up, operating, and maintaining your HS02 PC case.



Figure 1: MONTECH HS02 ATX Mid-Tower PC Case with components installed.

KEY FEATURES

- **8-Degree Curved Glass Panel:** The front tempered glass panel features a subtle 8-degree curved edge, offering a distinctive and refined view of the interior with minimal visual distortion.

Back-Connect Motherboard Ready

Supports standard and back-connect motherboards, including MSI Project Zero, ASUS BTF and more.

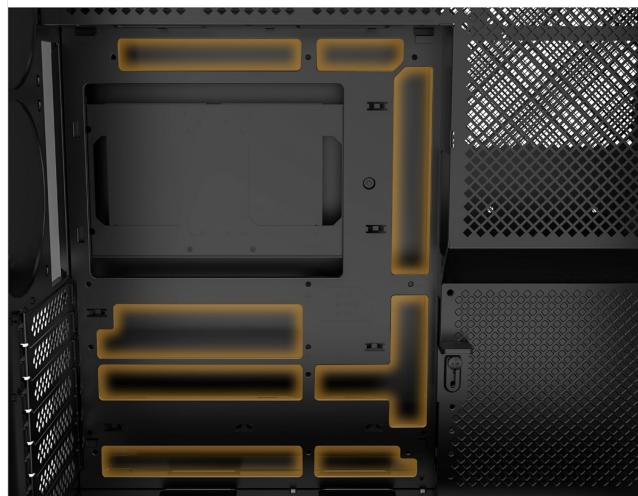


Figure 2: Detail of the 8-degree curved glass panel.

- **Reversible Design:** A top-down reversible layout allows the entire setup to be positioned on either the left or right side, providing flexibility for your desk arrangement.

Next-Level Airflow Efficiency

HS02 surpasses traditional layouts and open-frame efficiency for ultimate thermal performance.

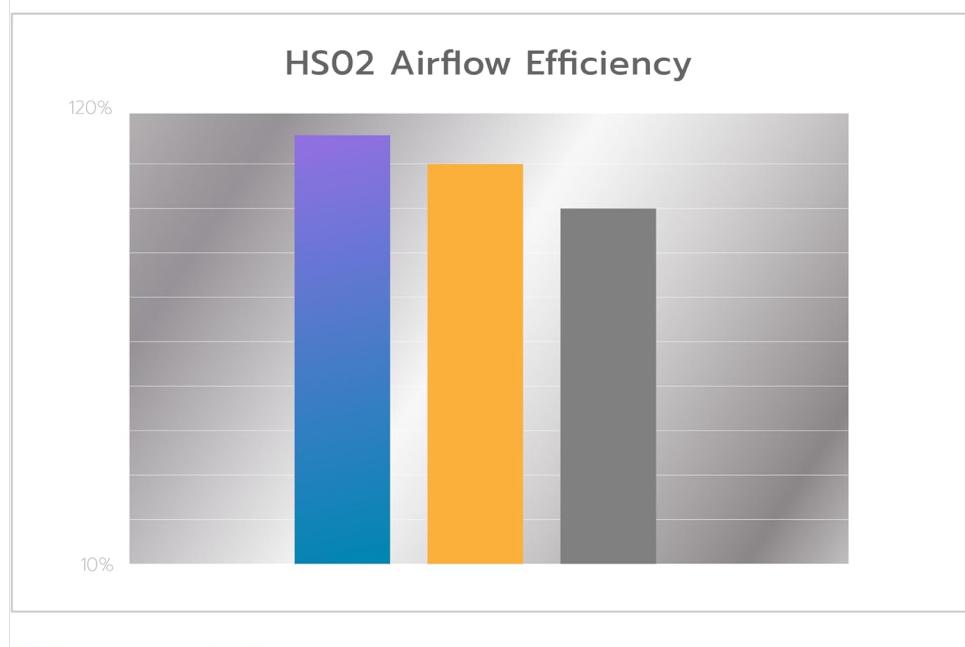


Figure 3: Reversible layout showcasing left and right side configurations.

- **Vertical Ventilation (Chimney Effect):** Bottom air intake and top exhaust create a natural chimney effect for efficient heat dissipation.

Flexible Cooling Compatibility

The exterior-mounted rear fan design maximizes space, allowing more fan and AIO options for better cooling flexibility.

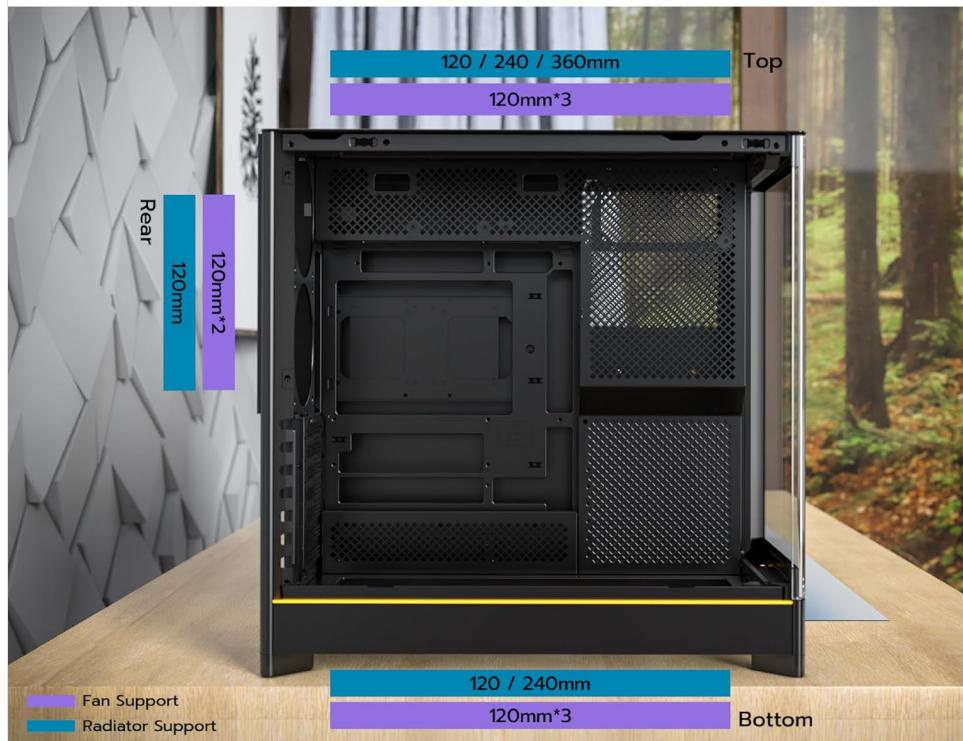
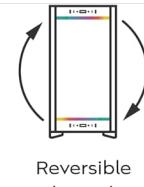


Figure 4: Vertical ventilation for optimized cooling.

- **Vertical GPU Ready:** Rotatable PCIe slots enable an instant vertical GPU setup without requiring an extra holder or stand.

Reversible Layout

Showcase your build from the left or right side—your setup, your choice.



Reversible Layout



Figure 5: Vertical GPU installation capability.

- **Sink-In Design:** A recessed bottom fan and motherboard layout maintain a clean, unobstructed side view,

preserving a refined aesthetic.

Chimney-Style Cooling

The natural chimney effect pushes airflow upward, while dual rear fans boost heat dissipation for steady cooling.



Vertical
Ventilation



Figure 6: Sink-in design for a clean interior.

- **Toolless Panels:** Easy access to internal components for quick assembly and upgrades.
- **Back-Connect Motherboard Ready:** Supports standard and back-connect motherboards, including MSI Project Zero and ASUS BTF.

Sink-in Design

The sink-in bottom fan and motherboard layout ensure an unobstructed side view, preserving a clean and refined aesthetic.



Sink-in Design

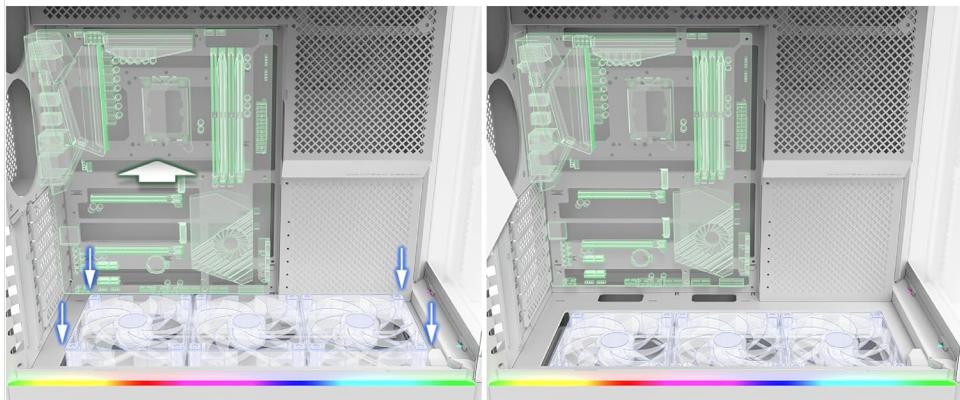


Figure 7: Back-connect motherboard compatibility.

- **Flexible Cooling Compatibility:** Exterior-mounted rear fan design maximizes space, allowing more fan and AIO options.

ARGB and I/O

Customize ARGB lighting with 29 modes. I/O supports both USB types, audio and mic for seamless connectivity.

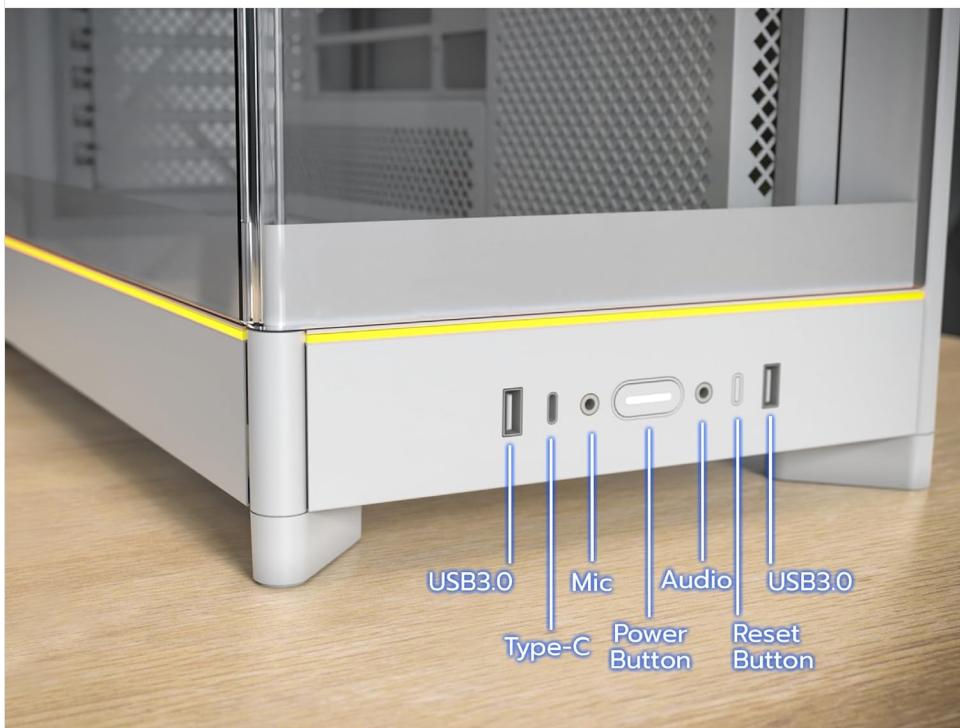


Figure 8: Flexible cooling options.

- **Ample Storage Capacity:** Supports multiple storage drives (HDD/SSD) for flexible and expandable storage.

Ample Storage Capacity

Supports multiple storage drives to ensure flexible and expandable storage options for various build needs.

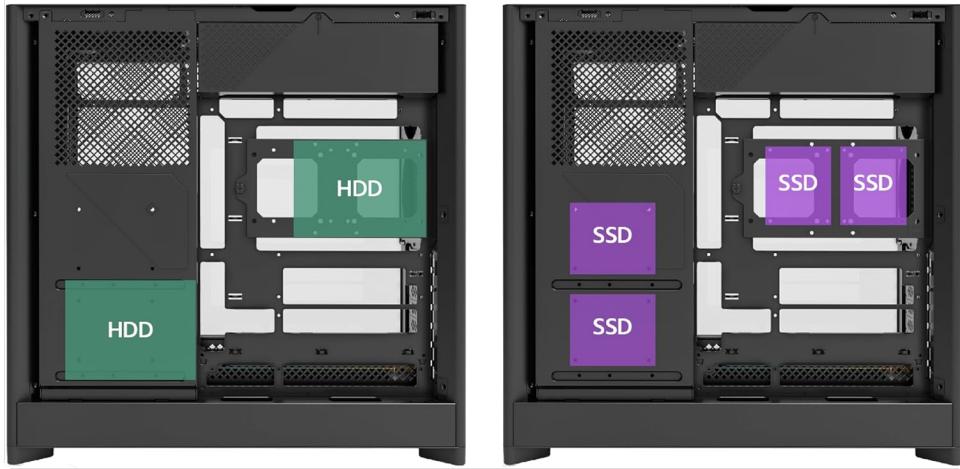


Figure 9: Storage drive mounting options.

- **ARGB and I/O:** Customize ARGB lighting with 29 modes. I/O supports both USB types, audio, and mic for seamless connectivity.

Vertical GPU

Rotatable PCIe slots allow for easy GPU positioning in either horizontal or vertical orientation, without the need for external mounts.



Figure 10: Front I/O panel and ARGB lighting.

SETUP AND INSTALLATION

Motherboard Installation

The HS02 supports Mini-ITX, Micro-ATX, and ATX motherboards. Ensure proper standoffs are installed for your motherboard size. The case also supports back-connect motherboards for cleaner cable management.

Ample Storage Capacity

Supports multiple storage drives to ensure flexible and expandable storage options for various build needs.

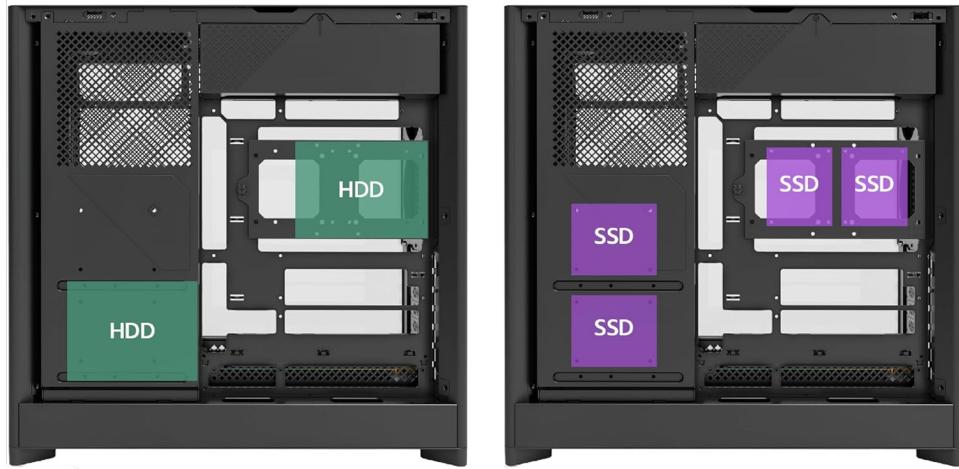


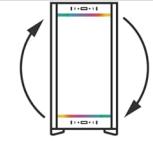
Figure 11: Motherboard size compatibility.

GPU Installation

The rotatable PCIe slots allow for both horizontal and vertical GPU mounting. For vertical mounting, rotate the PCIe bracket to the desired orientation. Ensure adequate clearance for your GPU model.

Reversible Layout

Showcase your build from the left or right side—your setup, your choice.



Reversible Layout



Figure 12: GPU installation options.

Storage Drive Installation

The case provides multiple mounting points for 3.5" HDDs and 2.5" SSDs. Refer to the internal layout for specific drive cage locations and toolless installation mechanisms.

Ample Storage Capacity

Supports multiple storage drives to ensure flexible and expandable storage options for various build needs.

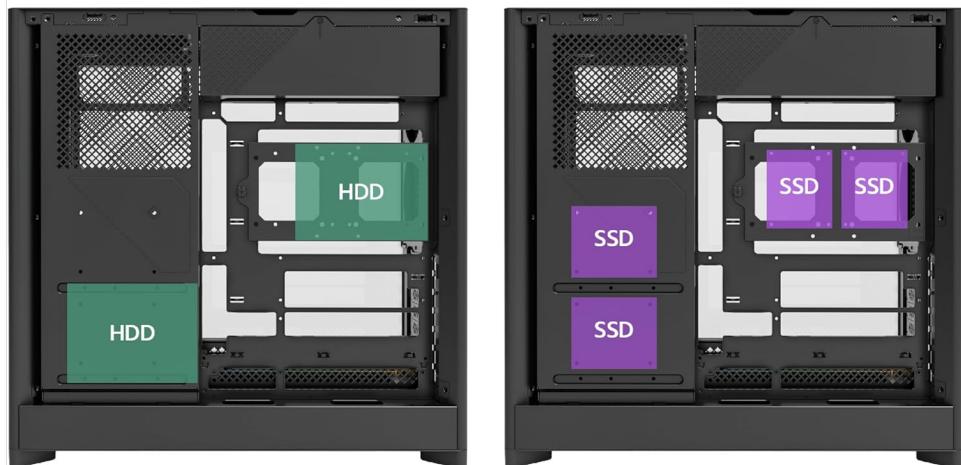


Figure 13: Storage drive mounting options.

Cooling System Installation

The HS02 supports various fan and radiator configurations. The exterior-mounted rear fan design provides additional space. Consult the specifications for maximum fan and radiator sizes for top, rear, and bottom mounts.

ARGB and I/O

Customize ARGB lighting with 29 modes. I/O supports both USB types, audio and mic for seamless connectivity.

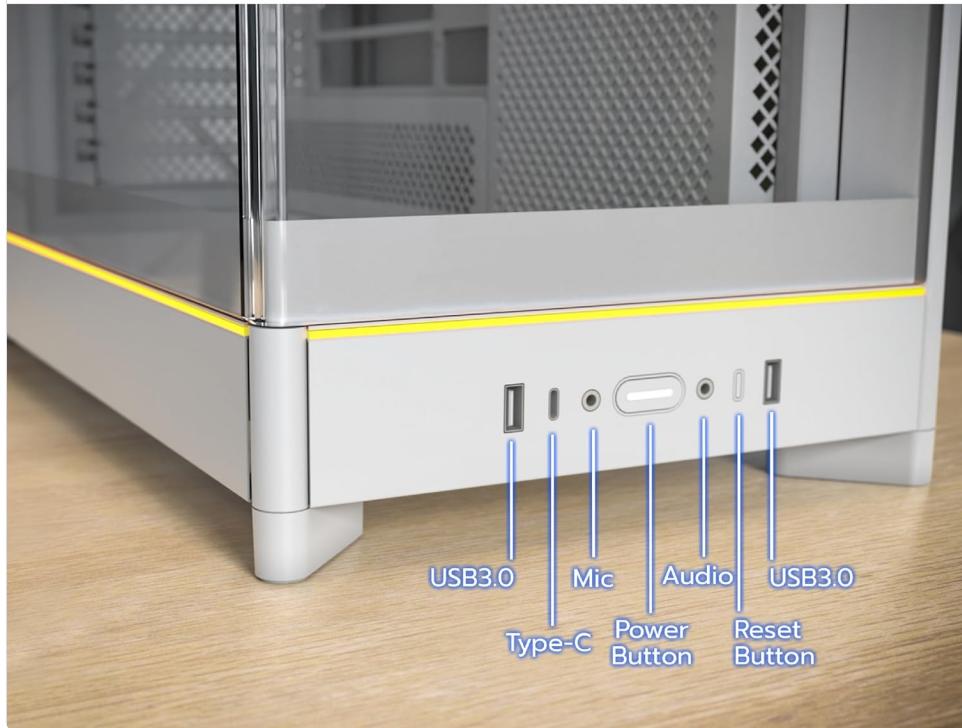


Figure 14: Cooling system installation points.

OPERATING INSTRUCTIONS

Powering On/Off

Connect your power supply unit (PSU) to the wall outlet. Press the power button located on the front I/O panel to turn on your system. To shut down, use the operating system's power options.

ARGB Lighting Control

The integrated ARGB lighting can be customized with 29 different modes. Refer to your motherboard's software or the case's dedicated ARGB controller (if included) for detailed control options.

Reversible Layout Adjustment

To change the case orientation from left to right or vice versa, carefully disassemble the main components and reassemble them according to the reversed layout. This process involves re-orienting the motherboard tray and side panels. It is recommended to consult a detailed assembly guide or professional assistance for this procedure.

MAINTENANCE

Dust Filter Cleaning

Regularly clean the dust filters to maintain optimal airflow and prevent dust buildup inside the case. Dust filters are typically located at the top, bottom, and front intake areas. They can usually be removed by hand for cleaning with water and mild soap, or by vacuuming.

Exterior Cleaning

Wipe the exterior surfaces, including the tempered glass panel, with a soft, damp cloth. Avoid abrasive cleaners or solvents that may damage the finish.

Internal Cleaning

Periodically, use compressed air to clear dust from internal components and fan blades. Ensure the system is powered off and unplugged before performing internal cleaning.

TROUBLESHOOTING

No Power

- Ensure the power supply unit (PSU) is properly connected to the wall outlet and the PSU switch is in the 'ON' position.
- Verify that the front panel power button cable is correctly connected to the motherboard's F_PANEL header.
- Check all internal power connections (24-pin ATX, 8-pin CPU, PCIe power) are securely seated.

Poor Airflow/Overheating

- Clean all dust filters and internal components as described in the Maintenance section.
- Ensure all case fans are spinning and oriented correctly for optimal airflow (intake at bottom/front, exhaust at top/rear).
- Verify CPU cooler and GPU cooler are properly installed and functioning.

ARGB Lighting Not Working

- Check that the ARGB cables are securely connected to the motherboard's ARGB header or the dedicated controller.
- Ensure the ARGB software (if applicable) is installed and configured correctly.
- Verify power connection to any ARGB controller.

SPECIFICATIONS

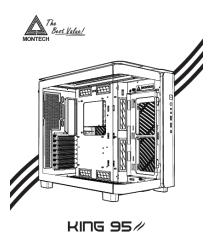
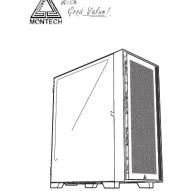
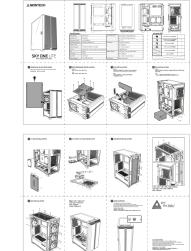
Feature	Detail
Brand	Montech
Model Name	HS02 Black
Case Type	Mid Tower
Motherboard Compatibility	Mini ITX, Micro ATX, ATX
Material	Tempered Glass
Color	Black
Item Weight	22.5 pounds (approx. 10.2 kg)
Product Dimensions (LxWxH)	32.7 x 52.4 x 58.2 inches (approx. 83 x 133 x 148 cm)
Number of USB 3.0 Ports	3
Power Supply Mounting Type	Bottom Mount
Cooling Method	Air
Recommended Uses	Gaming
GPU Clearance	Supports up to 420mm
Fan Support (Top)	120 / 240 / 360mm (120mm*3)
Fan Support (Rear)	120mm*2
Fan Support (Bottom)	120 / 240mm (120mm*3)

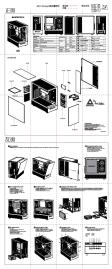
WARRANTY AND SUPPORT

For warranty information and technical support, please visit the official Montech website or contact their customer service. Keep your proof of purchase for warranty claims.

Montech Official Website: www.montechpc.com

Related Documents - HS02B

 KING 95//	<p><u>Montech KING 95 PC Case User Manual and Specifications</u></p> <p>Detailed specifications, component breakdown, and installation guides for the Montech KING 95 and KING 95 PRO PC cases. Learn about fan and radiator support, drive bay configurations, I/O interfaces, and cable management.</p>
 AIR 1000 SERIES	<p><u>Montech AIR 1000 Series PC Case: Specifications and Installation Guide</u></p> <p>Comprehensive specifications, features, and installation guidance for the Montech AIR 1000 Series PC case, detailing component compatibility, cooling support, and accessory contents.</p>
	<p><u>Montech Sky One Lite ATX Case Installation Guide</u></p> <p>A comprehensive guide to installing components in the Montech Sky One Lite ATX computer case, covering motherboard, GPU, PSU, SSD, HDD, and radiator installations, along with fan and ARGB control.</p>
 AIR 1000 SERIES <small>User Manual • Uživatelský manuál • Übersichtsmanual • Manual de usuario • Benutzerhandbuch</small>	<p><u>Montech AIR 1000 Series PC Case User Manual</u></p> <p>User manual for the Montech AIR 1000 Series PC case, covering specifications, installation, compatibility, and ARGB controller features. Includes content in English, Czech, Slovak, Hungarian, and German.</p>
 SKY TWO <small>User Manual • Uživatelský manuál • Übersichtsmanual • Manual de usuario • Benutzerhandbuch</small>	<p><u>Montech SKY TWO PC Case User Manual</u></p> <p>Comprehensive user manual for the Montech SKY TWO PC case, detailing specifications, component installation (motherboard, GPU, PSU, SSD/HDD, radiators, fans), and I/O port functions. Includes multilingual support information.</p>



[Montech XR PC Case: Specifications and Installation Guide](#)

Detailed specifications, features, and installation instructions for the Montech XR computer case, including component compatibility and assembly steps.