Montech SKY TWO (BLACK)

Montech Sky Two ATX Gaming Mid Tower Computer Case Instruction Manual

Model: SKY TWO (BLACK)

1. PRODUCT OVERVIEW

The Montech Sky Two is a high-performance ATX gaming mid-tower computer case designed for optimal airflow and aesthetic appeal. It features dual tempered glass panels for clear visibility of internal components and comes with four pre-installed PWM ARGB fans to enhance cooling and lighting. The case supports a wide range of hardware, including large GPUs and various motherboard form factors, making it suitable for modern gaming builds.

Image 1.1: Front-side view of the Montech Sky Two Black PC case, showcasing its dual tempered glass panels and vibrant pre-installed ARGB fans.

2. KEY FEATURES

- **Seamless Visibility:** Integrated front and side tempered glass panels provide clear views of your interior. A fine mesh, extending to the PSU chamber, is complemented by pre-installed ARGB fans, enhancing the overall aesthetic.

- **Revolutionary Airflow:** Features a new design with reversed fan blades for side-panel air intake, rear exhaust, and direct GPU cooling in the PSU chamber, ensuring efficient thermal performance.
- **Future-Ready Build:** Supports GPUs up to 400mm, CPU coolers up to 168mm, and 210mm high-wattage PSUs, providing ample space and removing constraints for high-end component installation.
- **Effortless Cable Management:** Innovative design includes a dedicated cable channel and three Velcro strips, ensuring easy and tidy cable organization for a clean-looking PC interior.
- **Dazzling Light Show:** AX120 and RX120 fans boast 21 lighting effects. Switch between them effortlessly with the LED button or sync with your motherboard for a customized lighting experience.
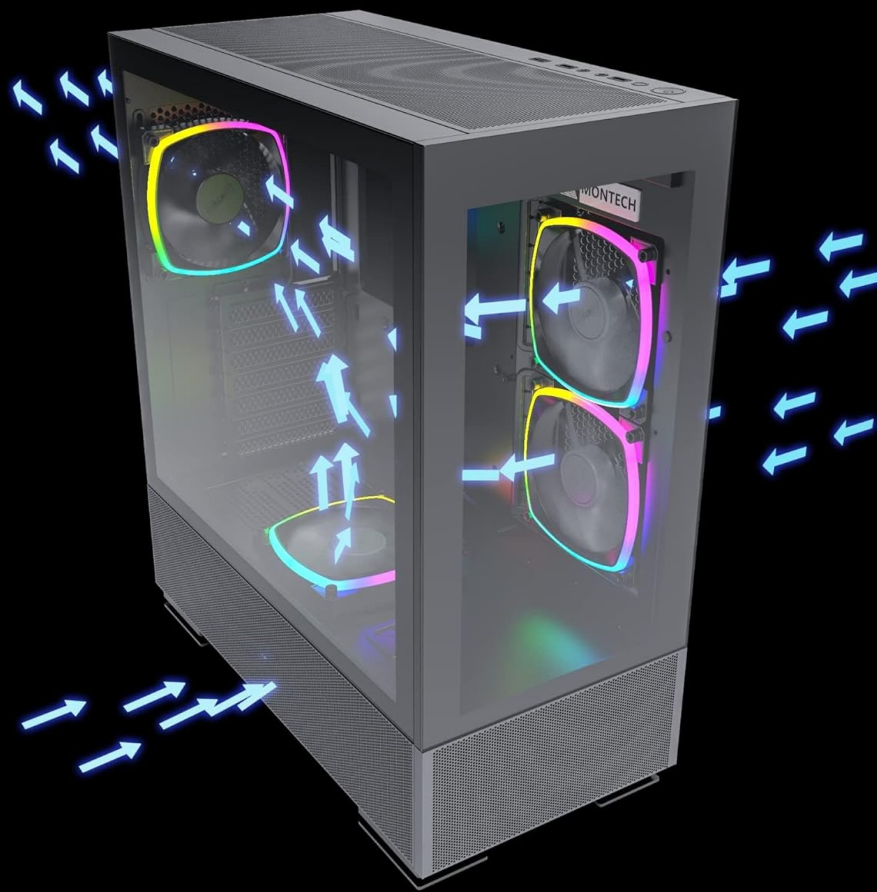

Image 2.1: Diagram illustrating the unique side intake and revolutionary airflow path within the Montech Sky Two case, showing air entering from the side and bottom, and exhausting from the rear and top.

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Video 2.1: Official product video showcasing the Montech Sky Two case's features, including fan support, motherboard compatibility, GPU compatibility, CPU cooler compatibility, radiator support, unique side intake for high airflow, drive bay options, and PSU support. This video highlights the case's internal layout and cooling capabilities.

3. Package Contents

Please check the package carefully to ensure all components are present:

- Montech Sky Two ATX Gaming Mid Tower Computer Case (Black)
- 4 x Pre-installed PWM ARGB Fans (AX120 and RX120 models)
- Accessory Box (containing screws, zip ties, and other mounting hardware)
- User Manual (this document)

4. Setup Guide

Follow these steps to set up your Montech Sky Two computer case and install your components:

1. **Prepare the Case:** Carefully remove the case from its packaging. Place it on a stable, flat surface. The tempered glass side panels can be removed by unscrewing the thumb screws at the rear and gently pulling them off.

2. **Install Motherboard:** Align your ATX, Micro-ATX, or Mini-ITX motherboard with the standoffs inside the case. Secure the motherboard using the provided screws.

3. **Install CPU Cooler:** Install your CPU cooler according to its specific instructions. The case supports CPU coolers up to 168mm in height.

4. **Install Graphics Card (GPU):** Insert your graphics card into the appropriate PCIe slot on your motherboard. The case supports GPUs up to 400mm in length. Ensure it is securely seated and fastened with the retention clip or screw. The case also supports vertical GPU mounting (requires an optional riser cable, not included).

5. **Install Storage Drives:** The case supports 3 x SSDs and 2 x HDDs. Locate the drive bays and mount your 2.5-inch SSDs and 3.5-inch HDDs using the provided screws.

6. **Install Power Supply (PSU):** Mount your power supply unit in the bottom-mounted PSU chamber. The case supports PSUs up to 210mm in length. Secure it with screws from the rear of the case.

7. **Connect Cables:** Connect all necessary power cables from the PSU to your motherboard, GPU, and storage drives. Connect the case's front panel connectors (USB 3.0, audio, power, reset, LED) to the corresponding headers on your motherboard. The pre-installed ARGB fans are typically pre-wired to a controller; connect this controller to your PSU and motherboard's ARGB header for synchronization.

8. **Cable Management:** Utilize the cable channel and Velcro straps behind the motherboard tray to route and secure cables neatly. This improves airflow and aesthetics.

9. **Reattach Panels:** Once all components are installed and cables are managed, carefully reattach the tempered glass side panels.

Image 4.1: Interior view of the Montech Sky Two case from the rear, showing the cable management area, fan mounting points, and drive bays, illustrating the ample space for component installation.

5. OPERATING INSTRUCTIONS

After successful assembly, your Montech Sky Two case is ready for operation as part of your complete PC system.

- **Power On:** Press the power button on the front I/O panel to start your computer.
- **ARGB Fan Control:** The pre-installed ARGB fans can be controlled via the dedicated LED button on the front I/O panel to cycle through 21 different lighting effects. Alternatively, if connected to a compatible motherboard ARGB header, you can synchronize the lighting with your motherboard's software.
- **Front I/O Ports:** Utilize the front panel USB 3.0 ports and audio jacks for convenient connectivity of peripherals and accessories.

6. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your computer case.

- **Dust Filters:** The Montech Sky Two case includes mesh filters to prevent dust accumulation. Regularly remove and clean these filters (e.g., every 1-3 months, depending on environment) by gently brushing or washing them with water and allowing them to dry completely before reinstallation.
- **Internal Cleaning:** Periodically use compressed air to blow out dust from inside the case, especially from fan blades, heatsinks, and other components. Ensure the system is powered off and unplugged before cleaning.
- **Tempered Glass Panels:** Clean the tempered glass panels with a soft, lint-free cloth and a non-abrasive glass cleaner. Avoid harsh chemicals that could damage the finish.

Image 6.1: Bottom view of the Montech Sky Two case, highlighting the removable dust filter for the power supply intake, which aids in maintenance and dust prevention.

7. TROUBLESHOOTING

If you encounter issues with your Montech Sky Two case, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
PC does not power on	Loose power button connection; PSU not connected or faulty; Motherboard not receiving power.	Check front panel power button cable connection to motherboard. Ensure PSU is properly connected to wall outlet and motherboard. Test PSU if possible.
Fans are not spinning or RGB not working	Fan cables loose; ARGB controller not powered; Motherboard ARGB header not configured.	Verify all fan power cables are securely connected. Ensure the ARGB controller (if used) is powered. Check motherboard software for ARGB settings.

Problem	Possible Cause	Solution
Poor airflow or high temperatures	Dust buildup on filters/fans; Incorrect fan orientation; Obstruction inside case.	Clean dust filters and internal components. Ensure fans are oriented correctly for intake/exhaust. Check for any cables or components blocking airflow.
Front USB ports not working	Front panel USB cable not connected to motherboard.	Ensure the USB 3.0 cable from the front panel is securely connected to the corresponding header on your motherboard.

8. SPECIFICATIONS

Feature	Specification
Model Name	SKY TWO (BLACK)
Case Type	Mid Tower
Dimensions (LxWxH)	16.93 x 8.46 x 19.29 inches (430 x 215 x 490 mm)
Weight	17.44 pounds (7.91 kg)
Material	Tempered Glass, Steel
Motherboard Compatibility	ATX, Micro-ATX, Mini-ITX
Pre-installed Fans	4 x PWM ARGB Fans
GPU Compatibility Length	Up to 400mm
CPU Cooler Height	Up to 168mm
PSU Length	Up to 210mm
Drive Bays	3 x 2.5" SSD, 2 x 3.5" HDD
Front I/O Ports	2 x USB 3.0, 1 x USB Type-C, Audio In/Out
Cooling Method	Air
Power Supply Mounting Type	Bottom Mount

9. WARRANTY AND SUPPORT

Montech products are designed for reliability and performance. For specific warranty details and terms, please refer to the warranty card included with your product or visit the official Montech website. Keep your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or inquiries about replacement parts, please contact Montech customer service through their official support channels. You can typically find contact information on the Montech website or in the product packaging.

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Documents - Montech – SKY TWO (BLACK)

[pdf] Price List

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