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Montech HS02 PRO

Montech HS02 PRO ATX Mid-Tower PC Case User Manual

Model: HS02 PRO Glass White with Fans (HS02PW)

1. PRODUCT OVERVIEW

The Montech HS02 PRO is an ATX Mid-Tower PC case designed for high-airflow gaming systems. It features a reversible layout, a sturdy curved tempered glass front panel, and comes with five pre-installed ARGB PWM fans. The case incorporates a sink-in design for an unobstructed interior view and supports various motherboard form factors.



Figure 1: Front view of the Montech HS02 PRO PC case.

Ultimate glass panel

The 8° curved glass front panel offers a clear, panoramic view with minimal visual interruption.



Ultra Curved
Glass Experience



Figure 2: Side view of the Montech HS02 PRO PC case, showcasing the interior.

GPU Ready

The spacious interior supports modern GPU sizes, including the latest RTX™ 50 series and beyond.



Figure 3: Rear view of the Montech HS02 PRO PC case.

2. SETUP AND INSTALLATION

2.1 Unpacking and Initial Inspection

Carefully remove the PC case from its packaging. Inspect for any signs of damage during transit. Ensure all accessories, including screws, cables, and the user manual, are present.

2.2 Removing Panels

The side panels and top panel are designed for toolless removal, typically secured by magnets or simple latch mechanisms. Gently pull or unlatch to access the interior.

2.3 Motherboard Installation

The HS02 PRO supports Mini-ITX, Micro-ATX, and Standard ATX motherboards. Install the necessary standoffs for your motherboard size. Position the motherboard and secure it with screws. This case also supports back-connect motherboards for cleaner cable management.

Vertical GPU

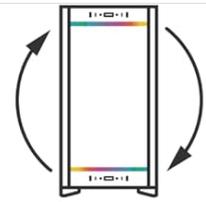
Rotatable PCIe slots allow for easy GPU positioning in either horizontal or vertical orientation, without the need for external mounts.



Figure 4: Front I/O panel with USB 3.0, Type-C, audio, mic, power, and LED buttons.

Reversible Layout

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



Reversible
Layout



Figure 5: Interior view showing back-connect motherboard compatibility.

2.4 GPU Installation

The spacious interior supports modern GPU sizes, including those up to 420mm. The rotatable PCIe slots allow for easy GPU positioning in either horizontal or vertical orientation without requiring external mounts.

Back-Connect Motherboard Ready

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

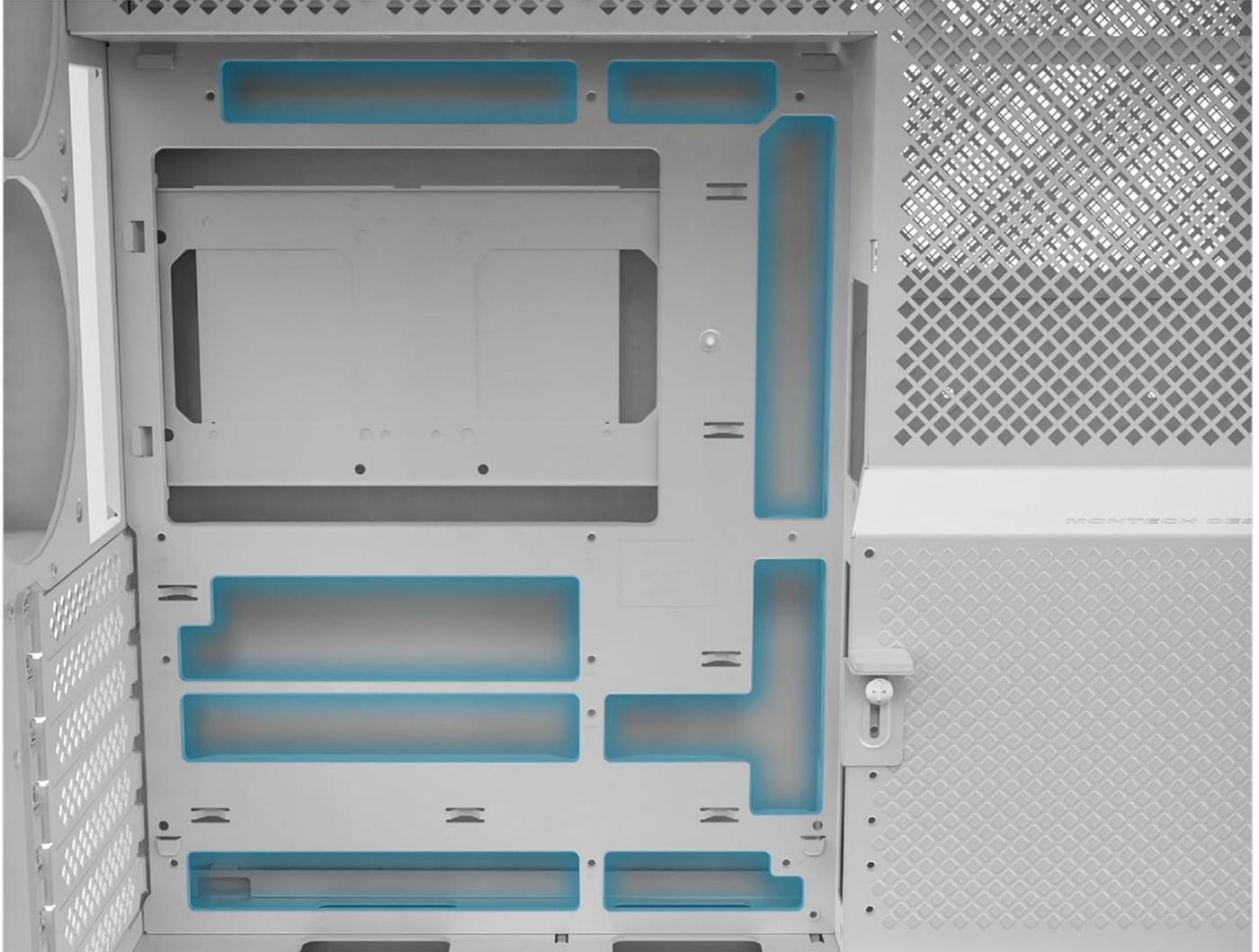


Figure 6: GPU compatibility, supporting up to 420mm GPUs.

2.5 Power Supply Installation

The power supply mounts at the bottom of the case. Secure it using the provided screws.

2.6 Fan and Radiator Configuration

The case comes with five pre-installed GF120 V2 ARGB PWM fans. It supports flexible cooling configurations:

- **Top:** Up to 3x 120mm fans or 120/240/360mm radiators.
- **Rear:** Up to 2x 120mm fans.
- **Bottom:** Up to 3x 120mm fans or 120/240mm radiators.

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

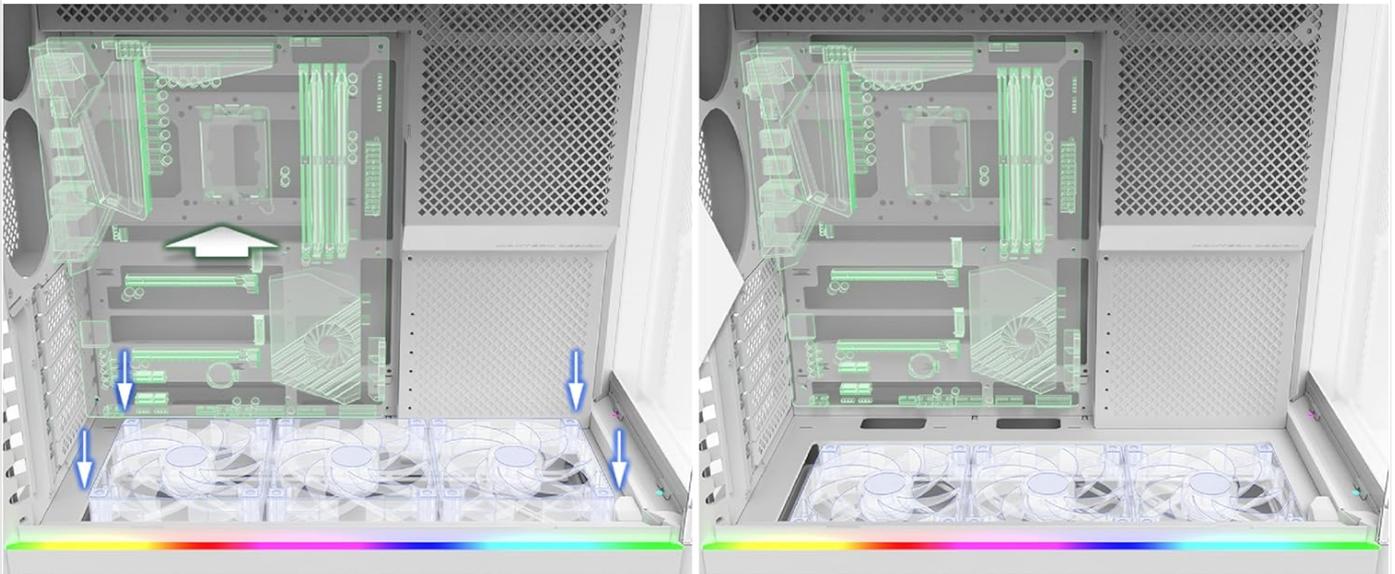


Figure 7: Five pre-installed GF120 V2 ARGB fans.

ARGB and I/O

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

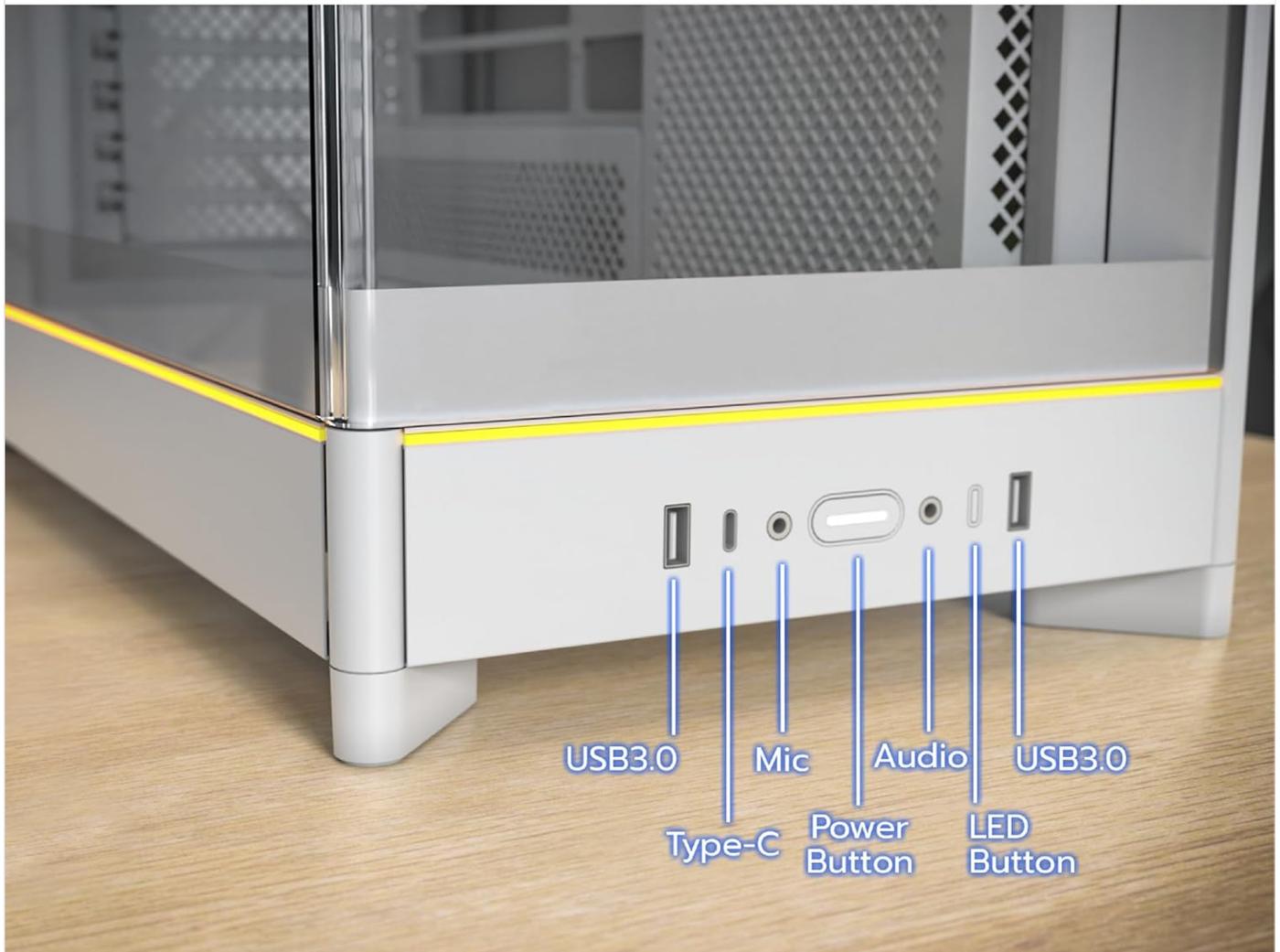


Figure 8: Flexible cooling compatibility for fans and radiators.

3. OPERATING INSTRUCTIONS

3.1 Powering On

After all components are installed and cables connected, press the power button located on the front I/O panel to power on your system.

3.2 ARGB Lighting Control

The pre-installed ARGB fans and integrated light strip can be customized with 29 lighting modes. Use the LED button on the front I/O panel to cycle through modes or connect to your motherboard's lighting control software for synchronization.

3.3 Reversible Layout

The case features a top-down reversible layout, allowing the entire setup to be positioned with the glass panel on either the left or right side. This requires disassembling and reassembling components in the inverted orientation. Refer to the detailed assembly guide for specific steps if you wish to reverse the layout.

Next-Level Airflow Efficiency

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

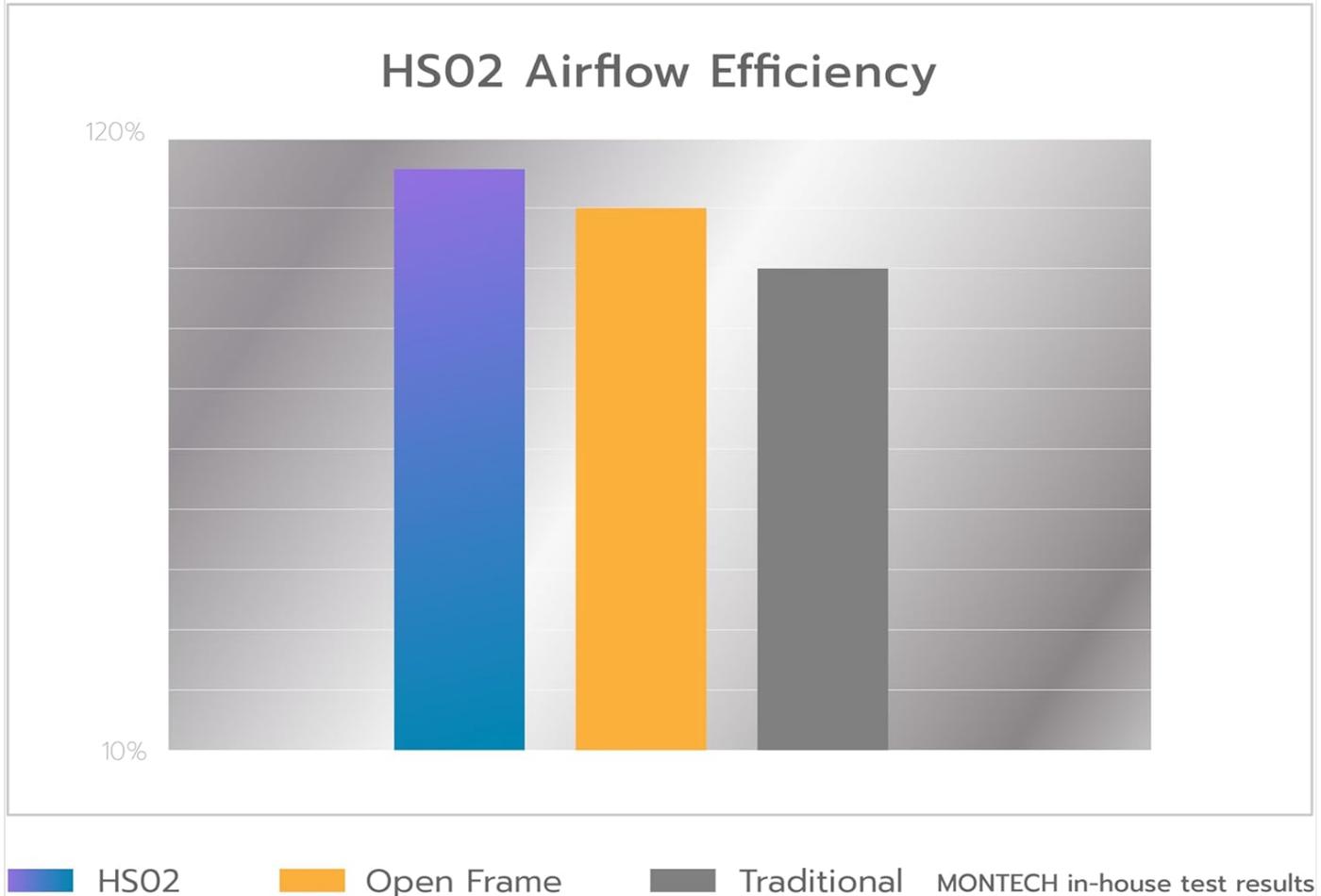


Figure 9: Reversible layout feature.

4. MAINTENANCE

4.1 Dust Filter Cleaning

Regularly clean the dust filters to maintain optimal airflow and cooling performance. Filters are typically located on the top, bottom, and front (if applicable) and can be removed for cleaning with compressed air or water.

4.2 General Cleaning

Use a soft, dry cloth to clean the exterior surfaces of the case, including the tempered glass panel. Avoid abrasive cleaners or solvents that may damage the finish.

5. TROUBLESHOOTING

5.1 System Not Powering On

- Check all power connections to the motherboard, CPU, and GPU.
- Ensure the power supply is switched on.
- Verify front panel connectors (power switch) are correctly attached to the motherboard.

5.2 Fans Not Spinning or RGB Not Working

- Confirm fan power cables are securely connected to the motherboard or fan hub.
- Check ARGB cables for proper connection to the motherboard or controller.
- Ensure motherboard RGB software is installed and configured correctly.

5.3 Overheating Issues

- Clean all dust filters and internal components.
- Verify fan orientation for optimal airflow (bottom intake, top/rear exhaust for chimney effect).
- Ensure CPU cooler and GPU fans are functioning correctly.

Optimized Fans Support

Repositioning to free up interior space for more cooling potential without compromising the capacity.

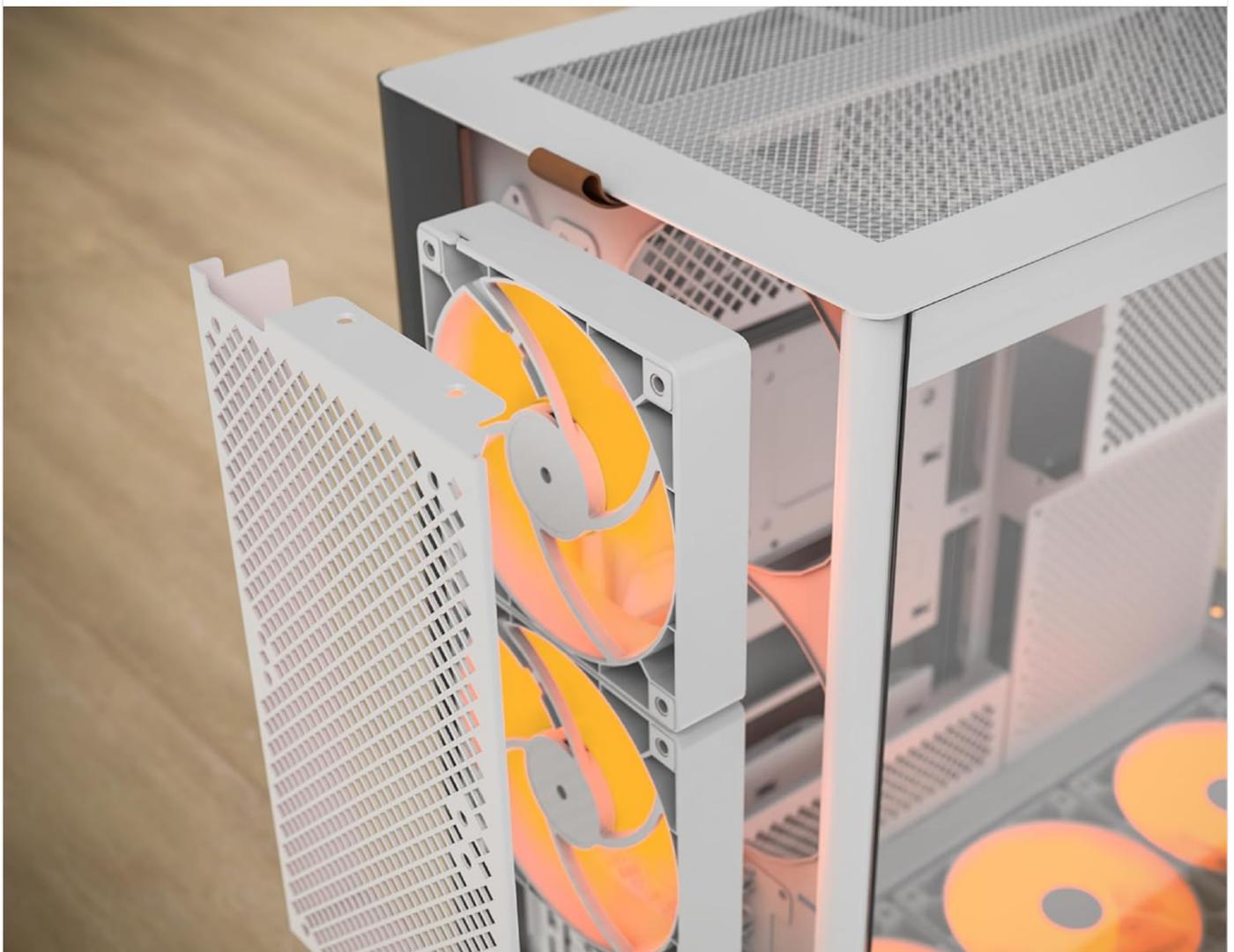


Figure 10: Chimney-style cooling airflow diagram.

6. SPECIFICATIONS

Feature	Detail
Brand	Montech
Model Name	HS02 PRO White (HS02PW)
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro-ATX, Mini-ITX
Color	White
Material	Metal, Tempered Glass
Product Dimensions (LxWxH)	18.7"D x 9.1"W x 17.9"H (approx. 47.5 x 23.1 x 45.5 cm)
Item Weight	15.1 pounds (approx. 6.85 kg)
Cooling Method	Air
Power Supply Mounting Type	Bottom Mount
Pre-installed Fans	5x ARGB PWM Fans
USB 3.0 Ports	2
Front Panel Features	USB 3.0, Type-C, Audio, Mic, Power Button, LED Button

7. WARRANTY INFORMATION

This Montech PC case is covered by the manufacturer's limited warranty. For detailed information regarding warranty terms, conditions, and duration, please refer to the official Montech website or contact their customer support directly. Keep your proof of purchase for warranty claims.

8. SUPPORT

For further assistance, technical support, or to view additional product resources, please visit the official Montech website:

[Visit the Montech Store on Amazon](#)

You may also find helpful information and FAQs on the Montech support pages.