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› SAMA NEVIEW 4503 Mid Tower PC Case User Manual

## SAMA NEVIEW 4503

# SAMA NEVIEW 4503 Mid Tower PC Case User Manual

MODEL: NEVIEW 4503

### Introduction

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This manual provides detailed instructions for the installation, operation, and maintenance of your SAMA NEVIEW 4503 Mid Tower PC Case. Designed for optimal performance and aesthetic appeal, this case features panoramic dual tempered glass panels, pre-installed ARGB fans, and extensive compatibility for various PC components. Please read this manual thoroughly before beginning your build to ensure proper setup and functionality.



Figure 1: SAMA NEVIEW 4503 Mid Tower PC Case, showcasing its panoramic tempered glass and internal components.

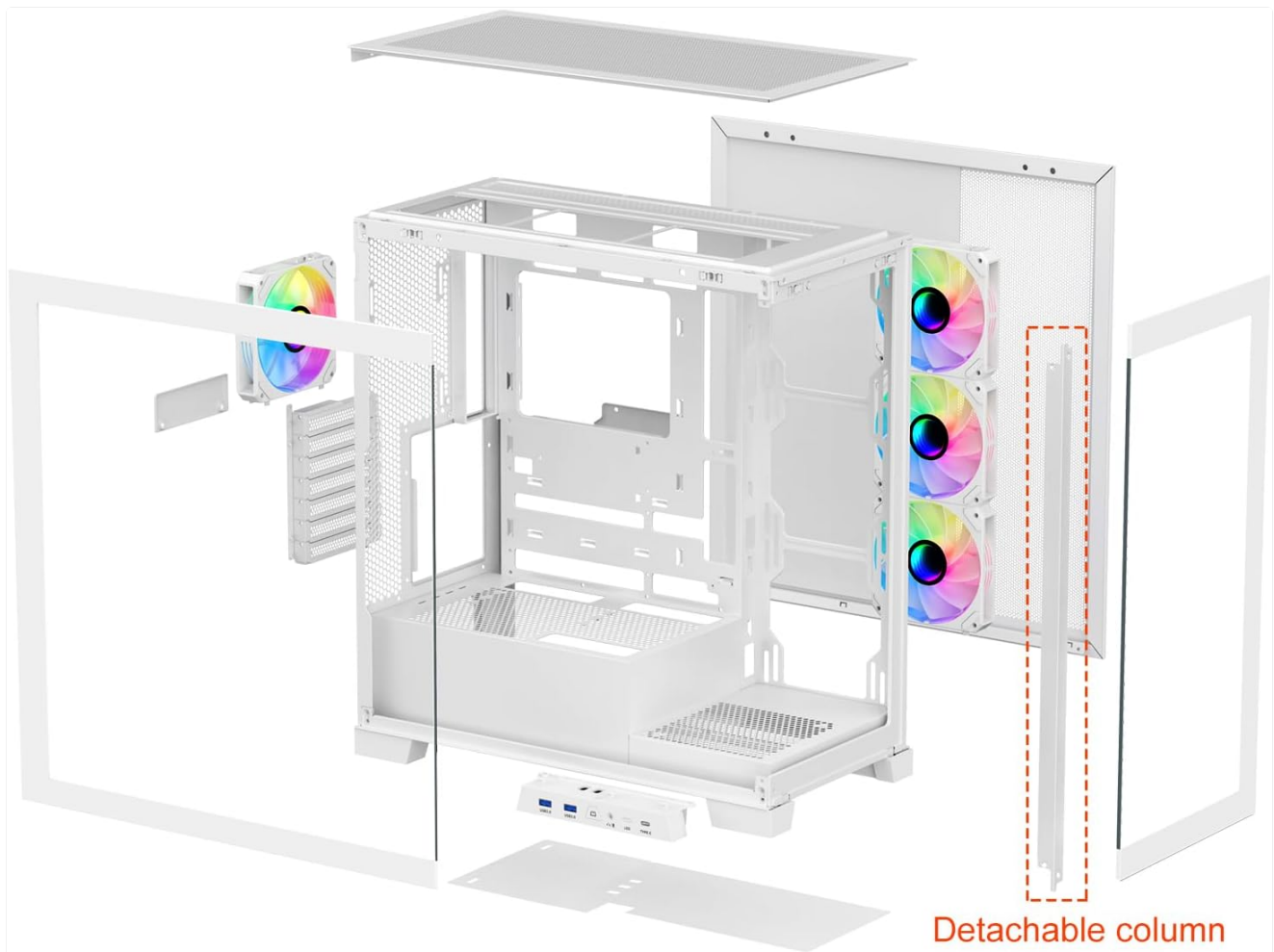
## Setup

### 1. Unpacking and Initial Inspection

Carefully remove the PC case from its packaging. Due to the tempered glass panels, handle the case with care to prevent damage. Inspect the case for any signs of damage during transit. Report any issues to your retailer immediately.

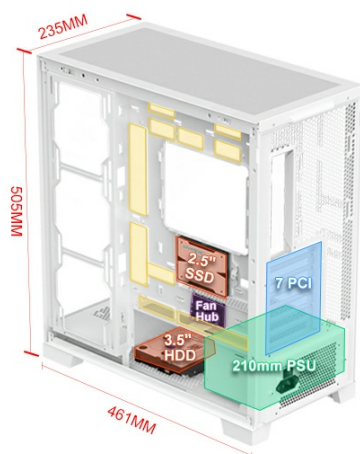
### 2. Component Overview and Panel Removal

The SAMA NEVIEW 4503 features tool-free access to its panels for easy installation and maintenance. The top and side tempered glass panels can be removed by gently pulling them off. The front I/O panel is adjustable and can be positioned on the right bottom or front bottom of the case.



\*The Installation Of Stand As Standards Configuration Is For Safer Transportation Optional Disassembly For Better appearance Without affecting Stability

Figure 2: Exploded view illustrating the modular design and detachable column for enhanced accessibility.



## EASY CABLE MANAGEMENT AND MULTI HDD SUPPORT

- Support Back-Plug Motherboard
- 33mm-deep Space in the back

Figure 3: Visual guide for tool-free panel removal and the detachable column feature.

Video 1: Demonstrates the multi-angle display and panel design of the SAMA 4503 chassis, including how to access internal components.

### 3. Motherboard Installation

The NEVIEW 4503 supports E-ATX, ATX, M-ATX, and ITX motherboards. Install your motherboard onto the designated standoffs. Ensure all screws are securely fastened.

## 4. GPU Installation

The case supports both horizontal and vertical GPU mounting with a maximum GPU length of 430mm. Utilize the tool-free installation mechanism for securing your graphics card.

# Supports Horizontal or Vertical VGA



Tool-Free Installation

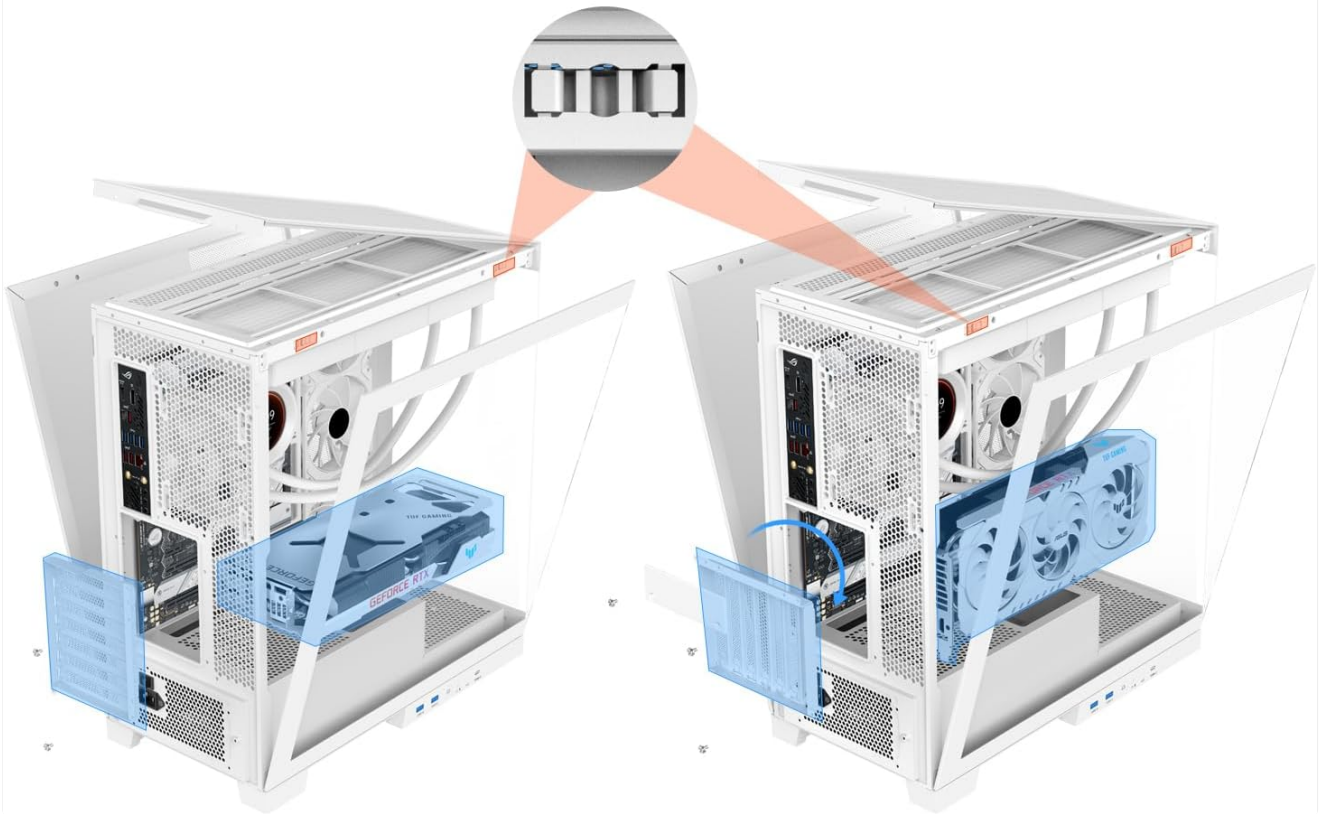


Figure 4: Illustration of the flexible horizontal and vertical VGA mounting options.

## 5. Power Supply and Storage Installation

Install your power supply unit (PSU) in the dedicated dual chamber at the bottom of the case. The case provides support for multiple storage devices, including 2.5" SSDs and 3.5" HDDs.

## 6. Cable Management

The dual chamber design and 33mm deep space behind the motherboard tray facilitate excellent cable management, ensuring a clean and organized build.

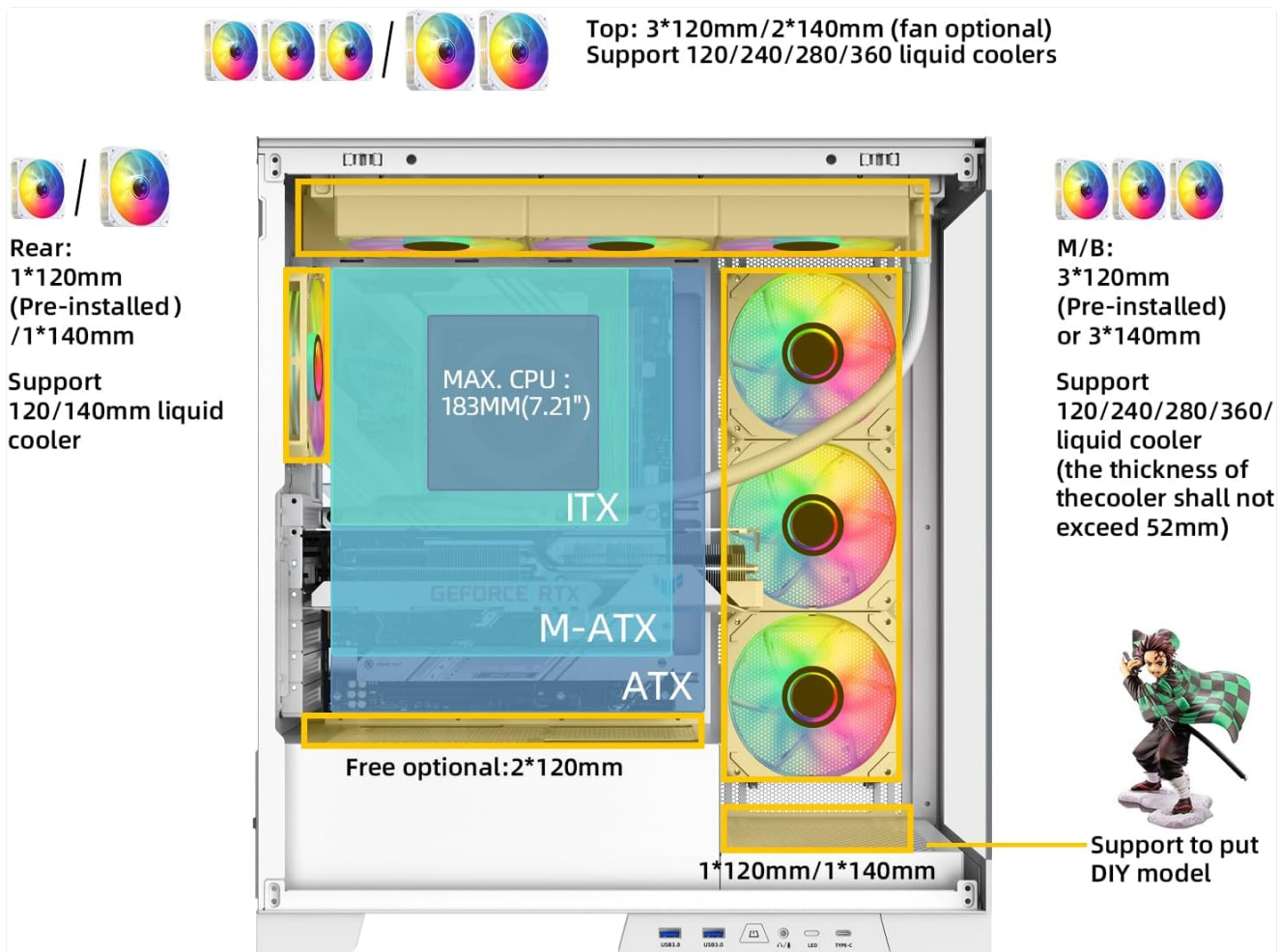


Figure 5: Internal layout showing cable management pathways and multi-HDD support.

## 7. Fan and Radiator Installation

The case comes with four 120mm ARGB fans pre-installed. It supports up to seven 120mm or six 140mm fans. The top panel supports a 360mm AIO liquid cooler, and the rear supports 120/140mm liquid coolers. Ensure proper airflow direction for optimal cooling.

# Powerful Cooling Compatibility

- Max. CPU length: **183mm(7.21")**
- Max. VGA Card: **430mm(16.95")**
- Supports most of the high-end air coolers



Figure 6: Cooling compatibility details, including maximum CPU cooler height and VGA card length.

# Powerful Cooling Compatibility

Pre-installed 4 x ARGB Fans, Airflow At Speeds Up To 1800 RPM

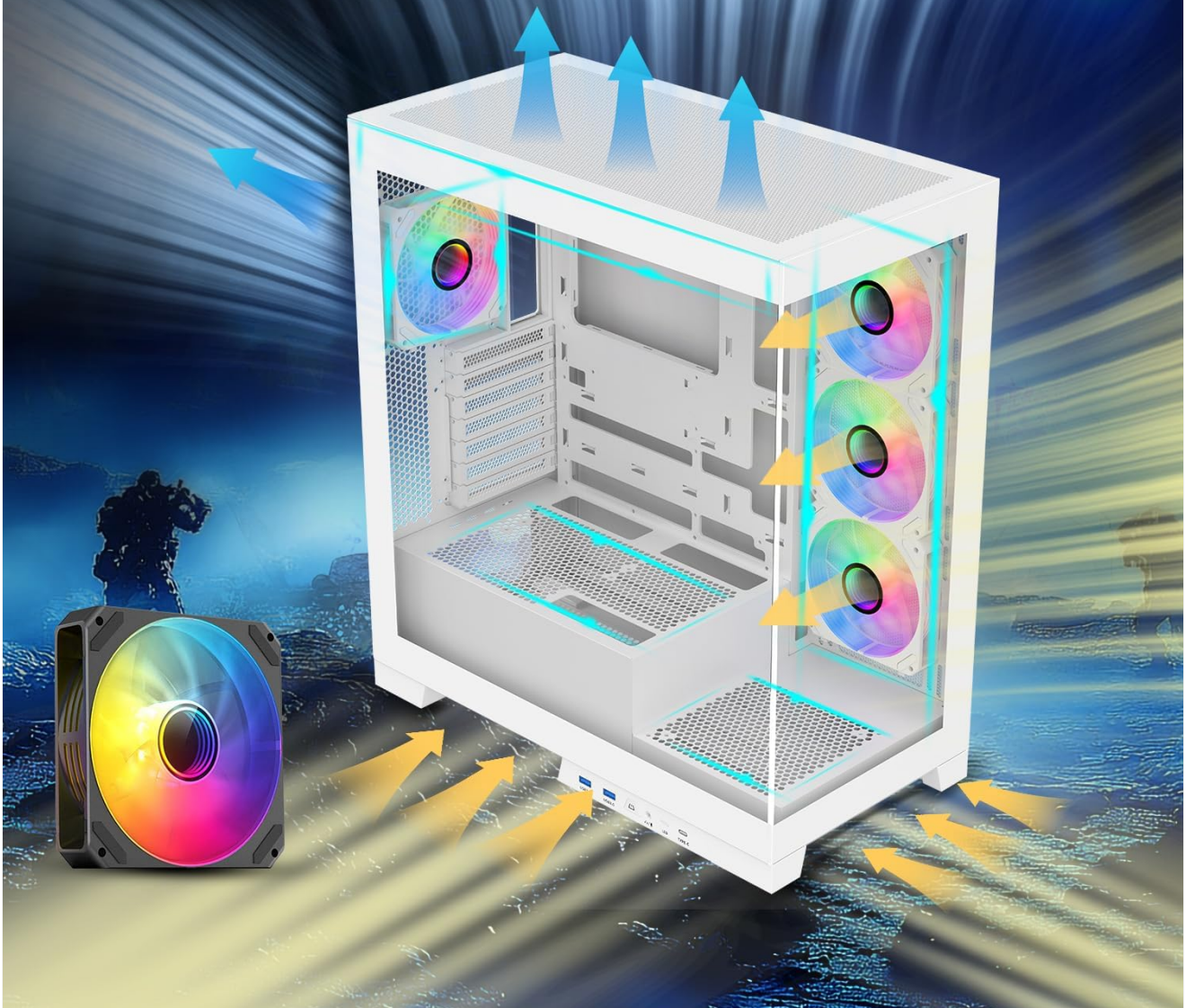


Figure 7: Airflow illustration showing the direction of air movement with pre-installed fans.

## Operating

### 1. Power On/Off

Connect your power supply to a wall outlet. Press the power button on the front I/O panel to turn on your PC. Press again to turn off, or use your operating system's shutdown function.

### 2. ARGB Fan Control

The pre-installed ARGB fans are connected to a 4-port ARGB hub. This hub allows for manual control of lighting effects via the LED button on the front I/O panel. For motherboard synchronization, connect the ARGB cable from the hub to a compatible 3-pin ARGB header on your motherboard (e.g., 5V VDG header for GIGABYTE, ADD header for AURA). Press and hold the LED button for 7-8 seconds to switch control to the motherboard.



Figure 8: Wiring diagram for the ARGB fan hub, showing connections for power, fans, and motherboard synchronization.

### 3. Front I/O Ports

The front I/O panel includes 2x USB 3.0 ports, 1x Type-C port, and a 2-in-1 audio interface (headphone/microphone). These ports provide convenient connectivity for peripherals and external devices.

## Flixable I/O Port Can Be Adjusted

On right bottom or front bottom



Figure 9: Detailed view of the adjustable I/O port panel, including USB 3.0, Type-C, and audio jacks.

## Maintenance

### 1. Cleaning

Regular cleaning helps maintain optimal performance and aesthetics. The case features a magnetic dust filter on the bottom and a metal mesh filter on the top. These filters can be easily removed and cleaned with compressed air or a soft brush. Wipe tempered glass panels with a microfiber cloth and a mild glass cleaner.

### 2. General Care

Avoid placing heavy objects on the case. Ensure adequate ventilation around the case to prevent overheating. Periodically check all connections and components for secure fitment.

## Troubleshooting

### 1. Fans Not Lighting Up

- Ensure the ARGB hub is properly connected to the power supply via a SATA power cable.
- Verify that the ARGB cable from the hub is securely connected to the motherboard's ARGB header (if using motherboard control).
- If using manual control, press the LED button on the front I/O panel to cycle through effects. Press and hold for 7-8 seconds to switch between manual and motherboard control.

### 2. General System Issues

For issues related to PC components (e.g., no display, system instability), refer to the individual component manuals (motherboard, GPU, PSU) for specific troubleshooting steps. Ensure all power and data cables are correctly connected.

## Specifications

Feature	Specification
Model Name	SAMA NEVIEW 4503 Gaming Case
Brand	SAMA
Case Type	Mid Tower
Motherboard Compatibility	E-ATX, ATX, Micro-ATX, Mini-ITX
Material	Alloy Steel, Tempered Glass
Color	White
Pre-installed Fans	4 x 120mm ARGB Fans
Max CPU Cooler Height	183mm (7.21")
Max GPU Length	430mm (16.95")
AIO Support (Top)	Up to 360mm
I/O Ports	1x Type-C, 2x USB 3.0, 2-in-1 Audio Interface

Feature	Specification
Storage Bays	2x 2.5" SSD, 1x 3.5" HDD
Expansion Slots	7
Dust Filters	Bottom (magnetic), Top (metal mesh)
Dimensions (L x W x H)	18.15"D x 9.25"W x 19.88"H

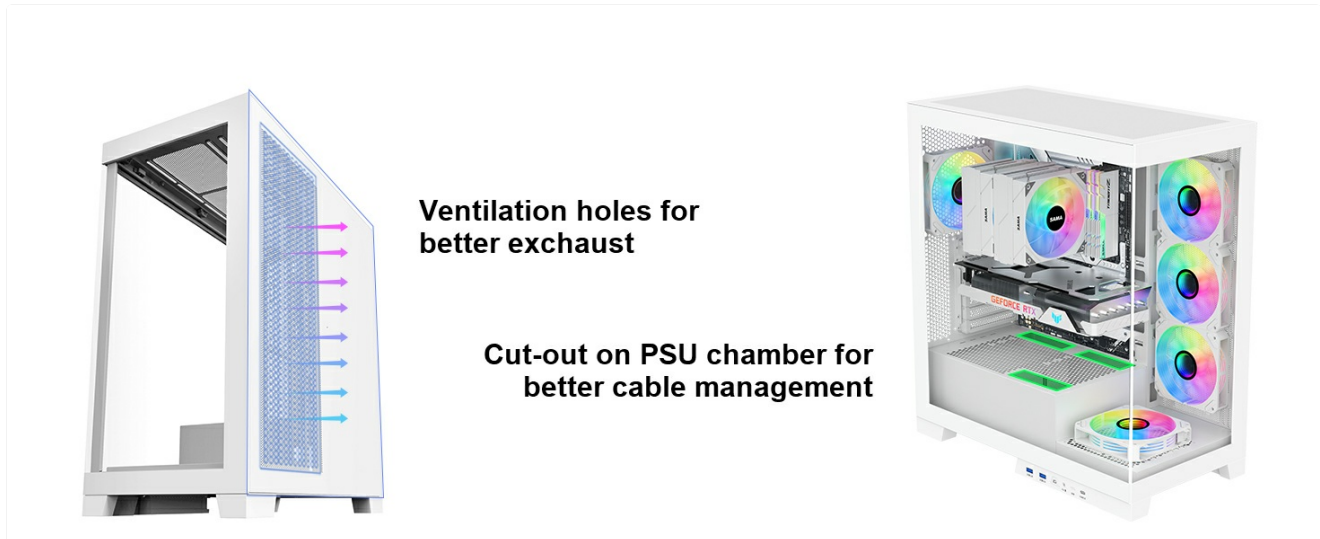


Figure 10: Comprehensive specifications for the SAMA NEVIEW 4503 PC Case.

## Warranty and Support

The SAMA NEVIEW 4503 PC Case comes with a **3-year warranty**. For technical support, warranty claims, or further assistance, please contact SAMA customer service through their official channels or visit the [SAMA Official Store on Amazon](#).