

## SAMA V60

# SAMA V60 Mid Tower PC Case User Manual

Comprehensive guide for installation, operation, and maintenance of your SAMA V60 PC Case.

## 1. INTRODUCTION

This manual provides detailed instructions for setting up, operating, and maintaining your SAMA V60 Mid Tower PC Case. Please read this guide carefully before beginning your PC build to ensure proper installation and optimal performance.



Figure 1: SAMA V60 Mid Tower PC Case showcasing its internal layout and RGB lighting.

## 2. PRODUCT OVERVIEW AND KEY FEATURES

The SAMA V60 is a mid-tower PC case designed for high-performance builds, offering excellent cooling, wide compatibility, and a panoramic aesthetic.

- **Exceptional Cooling with 7 ARGB Fans:** This case comes pre-installed with seven 120mm ARGB PWM fans (3 bottom intake, 3 side intake, 1 rear exhaust) and includes a fan hub for centralized control. It supports 360mm radiators on the top, bottom, and side for advanced liquid cooling solutions.
- **Wide Compatibility:** Supports ATX, Micro-ATX, ITX, and back-connect motherboards. Offers generous clearance for GPUs up to 445mm, CPU coolers up to 160mm, and PSUs up to 210mm.
- **Modern Front I/O:** Features a USB 3.1 Type-C port, two USB 3.0 ports, HD audio jacks, and a dedicated ARGB control button for convenient connectivity and lighting management.
- **Durable Build with Clean Interior:** Constructed from SPCC steel and tempered glass, ensuring durability and a premium feel. Magnetic dust filters are included for easy maintenance, and smart cable routing options simplify installation.
- **Panoramic Glass Showcase:** Dual tempered glass panels provide an unobstructed view of your

components and RGB lighting, ideal for showcasing your build.

# 4mm CURVED GLASS PANELS

Dual glsaa panels provide a wide-angle display  
Curved-edge design enhances visual appeal

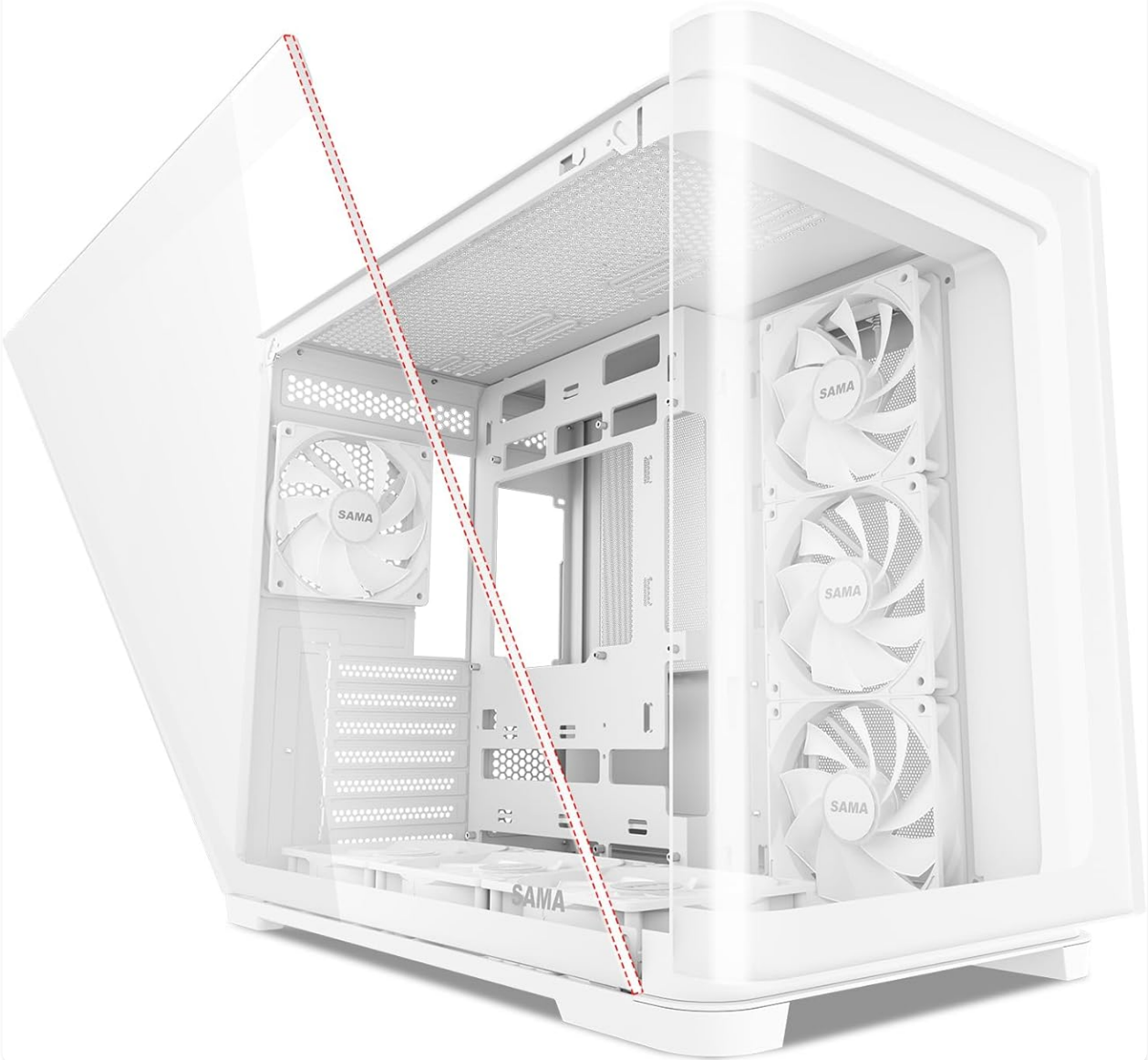


Figure 2: The SAMA V60 features dual curved tempered glass panels for a panoramic view.

## 3. SPECIFICATIONS

Feature	Detail
Brand	SAMA
Model Name	SAMA V60

Feature	Detail
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro ATX, Mini ITX
Dimensions (LxWxH)	18.7 x 11.22 x 15.67 inches (475 x 285 x 398mm)
Item Weight	18.04 pounds
Material	SPCC Steel, Tempered Glass
GPU Clearance	Up to 445mm
CPU Cooler Height	Up to 160mm
PSU Support	Up to 210mm (Bottom Mount)
Pre-installed Fans	7x 120mm ARGB PWM Fans (3 bottom, 3 side, 1 rear)
Fan Support	Up to 10x 120mm fans or 4x 140mm fans
Radiator Support	Up to 360mm (Top, Bottom, Side)
Drive Bays	2x 3.5" HDD, 2x 2.5" SSD
Front I/O	1x USB 3.1 Type-C, 2x USB 3.0, HD Audio, ARGB Control Button, Power, Reset
PCIe Slots	7



### V60 WHITE

Dimensions	475×285×398mm
CPU Cooler Height	160mm
Graphic Card Length	445mm
120mm Fans	Up to 10
140mm Fans	Up to 4
AIO Cooler	Up to 360mm
3.5" HDD Bays	2
2.5" SSD Bays	2

Figure 3: Detailed specifications for the SAMA V60 PC Case.

## 4. SETUP AND INSTALLATION

### 4.1. Unpacking and Initial Inspection

Carefully remove the case from its packaging. Inspect for any damage during transit. Retain all packaging

materials for future transport or warranty claims.

## 4.2. Panel Removal

The SAMA V60 features tool-free tempered glass panels. To remove a side panel, gently pull it away from the chassis. The panels are held by a lip and magnets. Exercise caution when handling glass to prevent damage.

## 4.3. Motherboard Installation

The case supports ATX, Micro-ATX, and Mini-ITX motherboards. Ensure standoffs are correctly aligned for your motherboard size. Note that ATX motherboards may sit very close to the bottom of the case, potentially making cable connections challenging. Consider connecting bottom-edge cables before fully securing the motherboard.

# MOTHERBOARD SUPPORT

## ITX/MATX/ATX

Back-connect motherboard ready

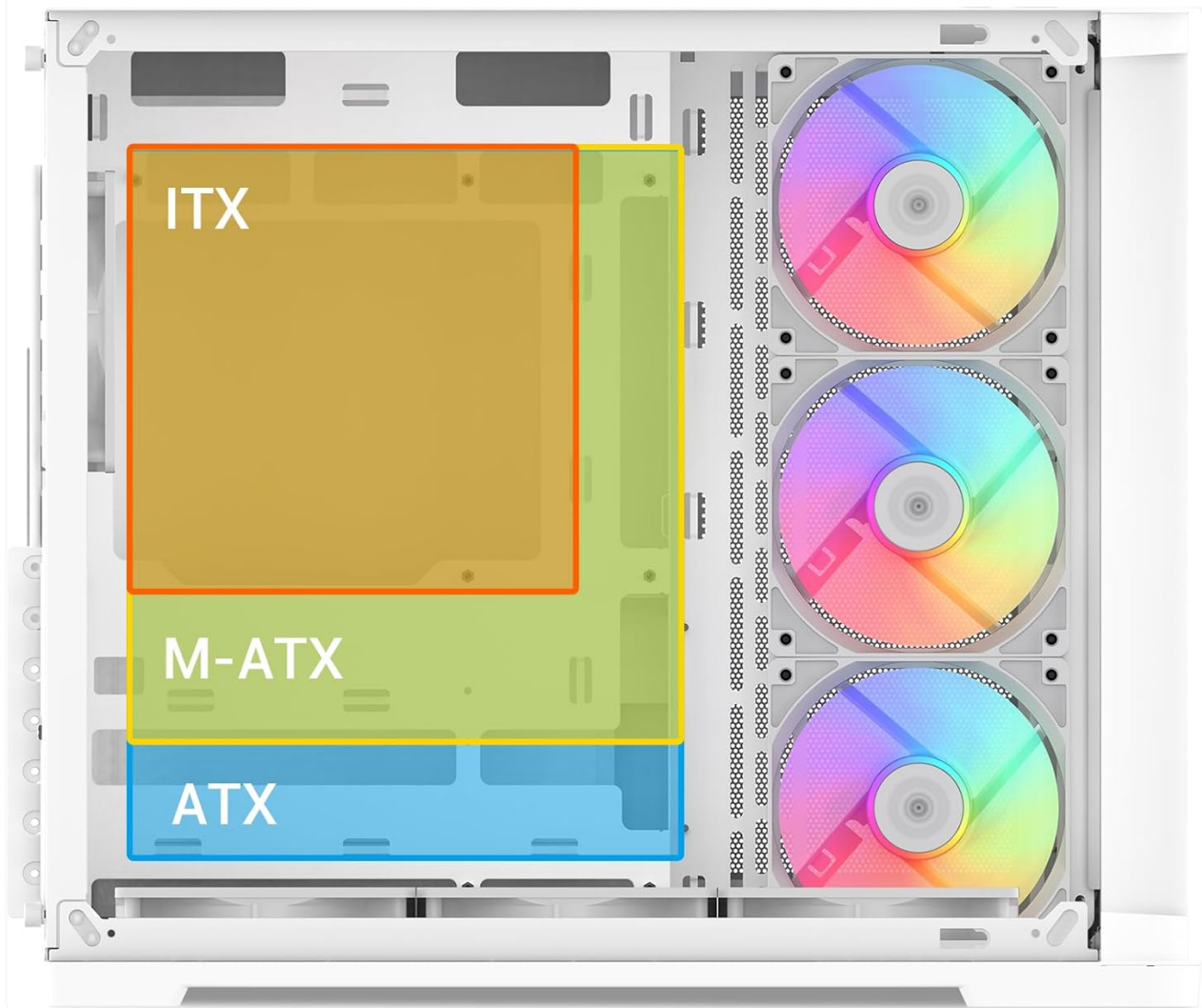


Figure 4: Motherboard support layout within the SAMA V60 case.

## 4.4. Fan and Radiator Installation

The SAMA V60 comes with 7 pre-installed 120mm ARGB PWM fans. A fan hub is included to manage these fans. Connect the fan hub to your power supply via a SATA cable. For ARGB control via your motherboard, ensure the fan hub is connected to a compatible 3-pin 5V ARGB header on your motherboard and hold the



case's LED button for 5 seconds to switch control.

The case supports up to 360mm radiators on the top, bottom, and side. When installing a radiator on the bottom, be aware that this can make the pump the highest point in the loop, which is generally not recommended for optimal AIO longevity. For easier cable routing to the bottom of an ATX motherboard, it may be beneficial to temporarily remove the pre-installed bottom fans.

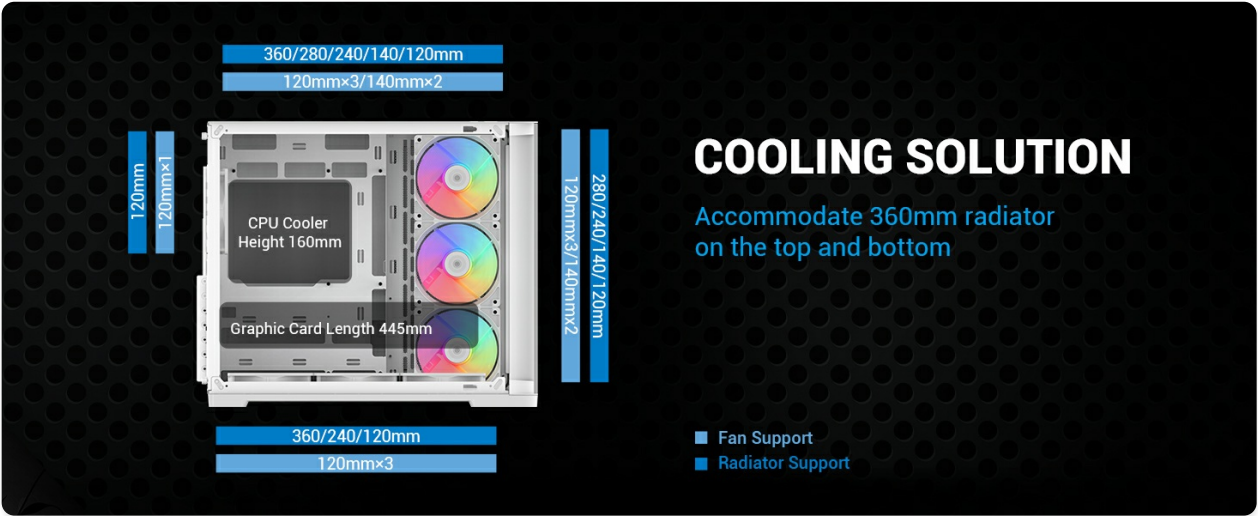


Figure 5: Connect the fan control board to your power supply using the provided SATA cable.

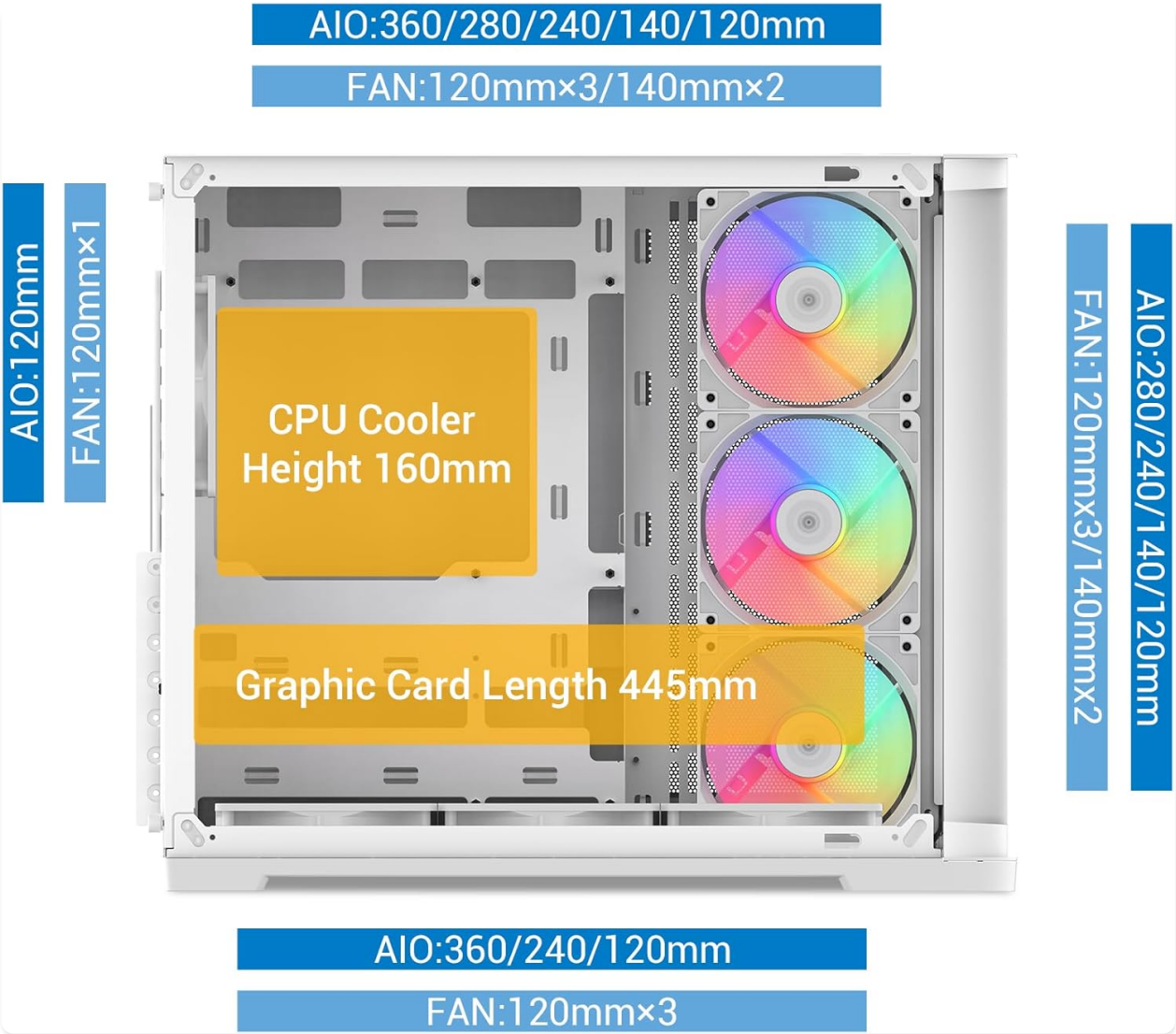


Figure 6: Cooling solution options and component clearances.

#### 4.5. GPU and PSU Installation

The case supports GPUs up to 445mm in length. The power supply mounts vertically in the rear, supporting units up to 210mm. The case features 7 PCIe slots for flexible expansion.

## DRIVE CAPACITY SUPPORT

**3.5" HDDx2** on the drive plate back of MB  
and the bottom fan position,  
**2.5" SSDx2** on the drive plate back of MB

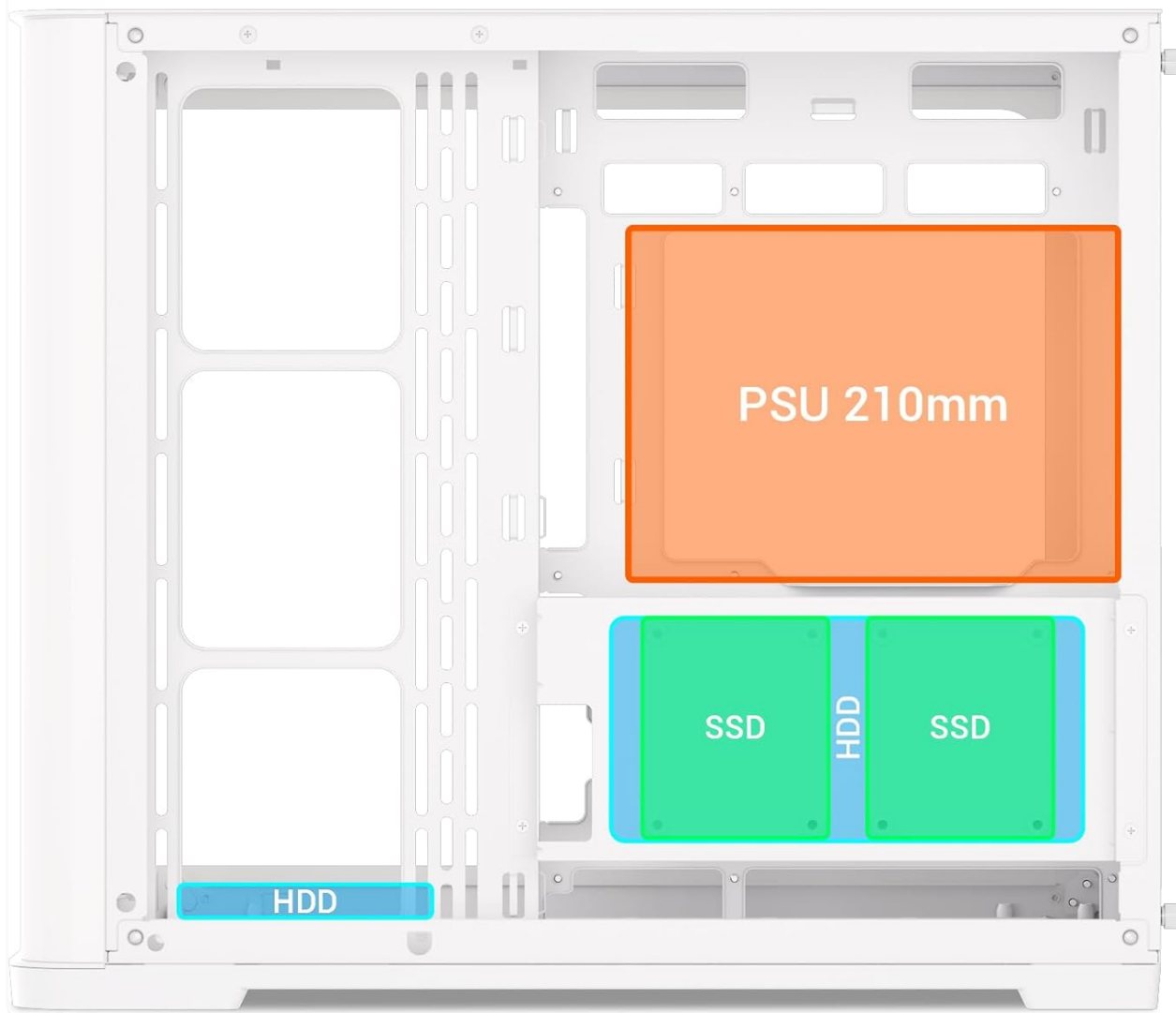


Figure 7: Drive capacity and PSU mounting location.

### 4.6. Drive Installation

The SAMA V60 provides support for two 3.5" HDDs and two 2.5" SSDs. Refer to the case's internal layout for specific mounting locations, typically behind the motherboard tray and near the bottom fan position.

### 4.7. Cable Management

The case is designed with ample space behind the motherboard tray and includes Velcro straps to assist with cable routing, promoting a clean and organized build. Pay attention to the front panel connectors; while the case offers modern I/O, careful routing of these small individual cables is essential.

## FRONT PANEL I/O








	LED × 1
	TYPE-C × 1
	Headset × 1
	HD audio × 1
	USB3.0 × 2
	Reset × 1
	Power × 1

Figure 8: Front Panel I/O ports for convenient access.

## 5. OPERATING INSTRUCTIONS

### 5.1. Power On/Off and Reset

Use the dedicated Power button on the front I/O panel to turn your system on or off. The Reset button can be used for system restarts.

### 5.2. ARGB Fan Control

The pre-installed ARGB fans can be controlled via the dedicated ARGB control button on the front I/O panel. Pressing this button cycles through various lighting effects and colors. To synchronize the fan lighting with your motherboard's RGB software, connect the fan hub to a compatible 3-pin 5V ARGB header on your motherboard and then press and hold the case's ARGB control button for approximately 5 seconds. This will transfer control to your motherboard software.



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Video 1: SAMA V60 Chassis multi-angle display, showcasing the case's design and features.

## 6. MAINTENANCE

### 6.1. Dust Filter Cleaning

The SAMA V60 is equipped with magnetic dust filters on the top and bottom. Regularly remove and clean these filters to maintain optimal airflow and prevent dust buildup inside your system. Simply detach the magnetic filters, clean them with water or a soft brush, and reattach once dry.

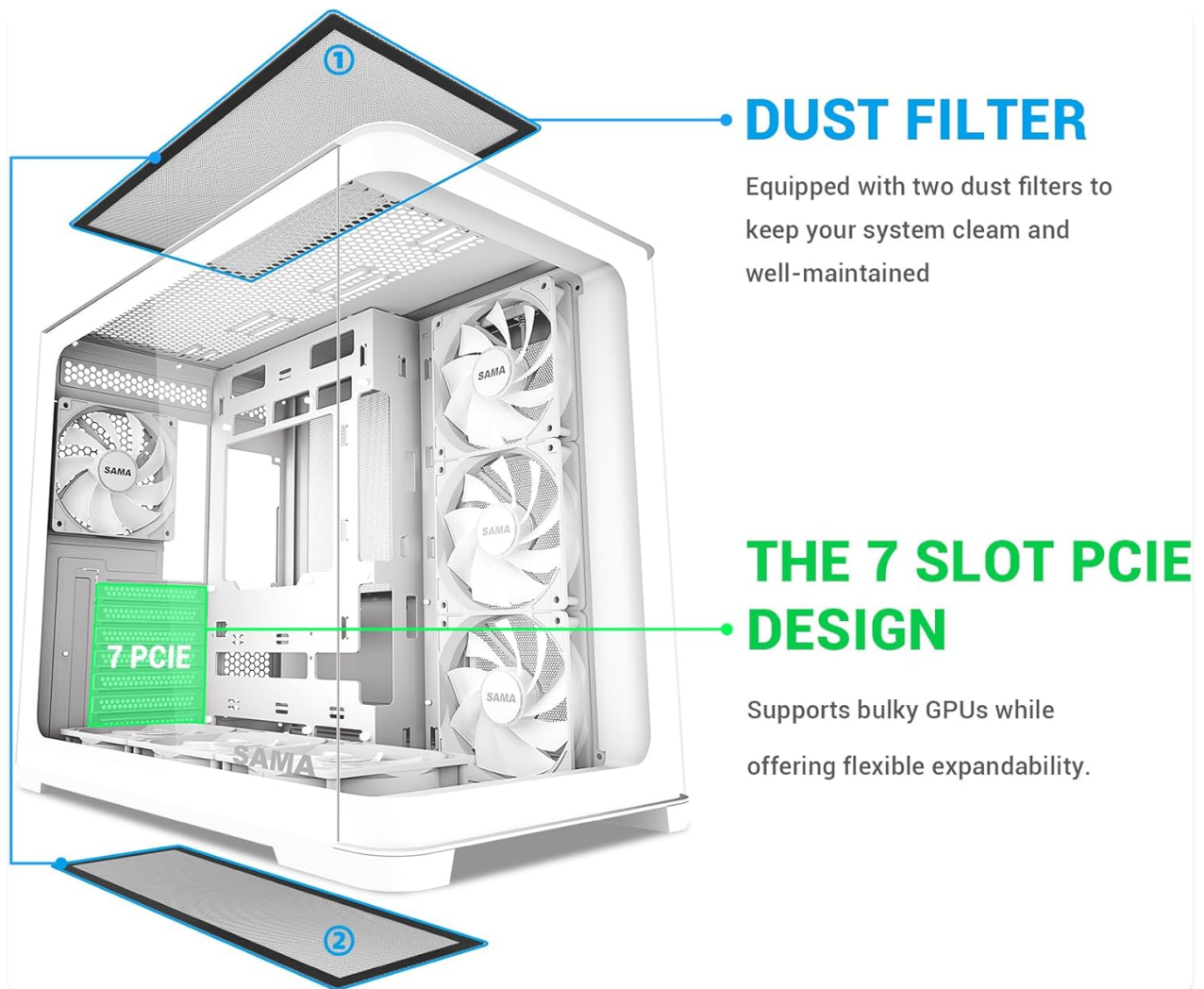


Figure 9: Magnetic dust filters for easy cleaning.

### 6.2. General Cleaning

Use a soft, lint-free cloth to clean the tempered glass panels and exterior surfaces. Avoid abrasive cleaners or solvents that could damage the finish. For internal cleaning, use compressed air to remove dust from components and fan blades.

## 7. TROUBLESHOOTING

### 7.1. Fan/RGB Control Issues

If your ARGB fans are not displaying the correct colors or are not responding to motherboard software:

- Ensure the fan hub is correctly connected to your power supply via the SATA cable.
- Verify that the fan hub is connected to a compatible 3-pin 5V ARGB header on your motherboard.
- Press and hold the dedicated ARGB control button on the case's front I/O panel for 5 seconds to switch control to your motherboard's software.
- Check your motherboard's BIOS settings to ensure PWM fan control is enabled (not DC mode) for fan speed management.

### 7.2. Cable Routing Challenges with ATX Motherboards

If you encounter difficulty connecting cables to the bottom edge of an ATX motherboard due to limited space:

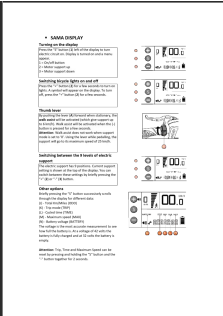

- Consider connecting these cables before fully securing the motherboard to the standoffs.
- Temporarily remove the bottom pre-installed fans to gain additional access for routing.

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official SAMA website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

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### Related Documents - V60

	<p><a href="#">SAMA DISPLAY User Manual: Operation and Features</a></p> <p>Detailed guide to operating the SAMA DISPLAY for electric bicycles, covering display functions, support levels, walk assist, data modes, and USB charging.</p>
	<p><a href="#">V60 Brewers Cup 2025: Competitor Groupings and Tournament Details</a></p> <p>Official competitor groupings for the V60 Brewers Cup 2025, covering World Competition and Japan/World Tournament categories.</p>

 <p>A comprehensive non-invasive solution</p>	<p><a href="#">Philips V60 Plus Ventilator: Comprehensive Non-Invasive Respiratory Solution</a></p> <p>Discover the Philips V60 Plus ventilator, a versatile medical device integrating Non-Invasive Ventilation (NIV) and High Flow Therapy (HFT) for advanced patient respiratory care. Learn about its features, benefits, modes, upgrade options, and services.</p>
	<p><a href="#">Volvo V60 Cross Country Owner's Manual</a></p> <p>Comprehensive owner's manual for the Volvo V60 Cross Country, covering safety, controls, maintenance, and driver support features. Access information on vehicle operation, features, and troubleshooting.</p>
	<p><a href="#">CRAFTSMAN V60 Mower Instruction Manual - Model CMCMW260</a></p> <p>Official instruction manual for the CRAFTSMAN V60 Mower (Model CMCMW260). Provides safety warnings, operating instructions, maintenance guidelines, and troubleshooting tips for residential lawn care.</p>
	<p><a href="#">Volvo V60 Owner's Manual</a></p> <p>Comprehensive owner's manual for the Volvo V60, covering safety, instruments, controls, maintenance, specifications, and driver assistance features. Includes instructions for operation and care.</p>