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SAMA SV01

SAMA SV01 ATX Mid Tower PC Case User Manual

Welcome to the comprehensive instruction manual for your SAMA SV01 ATX Mid Tower PC Case. This guide provides essential information for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your computer case.

PRODUCT OVERVIEW

The SAMA SV01 is an ATX Mid Tower PC case designed for gaming and high-performance computing. It features dual tempered glass panels, pre-installed ARGB fans, and a high-speed I/O panel. This case is engineered for efficient airflow and broad component compatibility.



A front-facing view of the SAMA SV01 ATX Mid Tower PC Case, showcasing its transparent tempered glass panels and vibrant internal ARGB lighting.

KEY FEATURES

- Pre-installed 4x120mm ARGB fans for effective cooling and customizable lighting, controllable via an LED button or motherboard software.
- 270° fully transparent dual tempered glass panels offering an expansive view of internal components.
- High-speed I/O panel equipped with 2x USB 3.0 and 1x USB Type-C ports, alongside audio and reset buttons for convenient connectivity.
- Spacious internal layout compatible with ATX, Micro ATX, and Mini-ITX motherboards, supporting top-mounted liquid radiators up to 360mm.
- Optimized airflow design with pre-installed side and rear fans, complemented by magnetic dust filters on the top and bottom for easy maintenance.

TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	SAMA
Model	SV01
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro ATX, Mini-ITX
Material	Tempered Glass
Pre-installed Fans	4 x 120mm ARGB (3 side, 1 rear)
Max CPU Height	181mm
Max GPU Length	410mm
Radiator Support	Top (up to 360mm), Rear (120mm)
I/O Ports	2x USB 3.0, 1x USB Type-C, HD Audio, Reset/LED button
Drive Bays	2x 2.5" SSD, 2x 3.5" HDD (or 1x HDD + 5x SSD)
Product Dimensions	45.29 x 23.5 x 44.98 cm
Item Weight	8.48 kg

SETUP AND INSTALLATION

Follow these steps for proper installation of your PC components into the SAMA SV01 case.

Preparing the Case

- **Unpacking:** Carefully remove the case from its packaging.
- **Accessing the Interior:** The tempered glass side panels are secured with screws. Lay the case flat and carefully remove the screws to detach the glass panels. Handle with care as glass is fragile.

This video demonstrates the SAMA SV01 PC case, including how to access its interior by removing the tempered glass panels and showcasing the pre-installed fans.

INCLUDES 4 X 120MM ARGB FANS



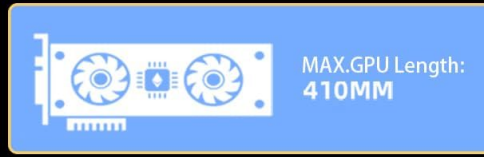
An internal view of the SAMA SV01 case, highlighting the pre-installed 3x 120mm ARGB fans on the side and 1x 120mm ARGB fan at the rear.

Component Installation

- **Motherboard Installation:** Install your ATX, Micro ATX, or Mini-ITX motherboard onto the designated standoffs within the case.
- **Power Supply Installation:** Mount the power supply unit (PSU) in the dedicated compartment at the bottom of the case.
- **Storage Drives:** Install 2.5" SSDs and 3.5" HDDs into the available drive bays. The case supports flexible configurations, including 2x 2.5" SSDs and 2x 3.5" HDDs, or 1x HDD and 5x SSDs.
- **Graphics Card (GPU):** Install your graphics card into the PCIe slots. The case accommodates GPUs up to 410mm in length.
- **Cooling Systems:**
 - The case includes 4 pre-installed 120mm ARGB fans. Additional fans can be installed on the top and bottom.
 - For liquid cooling, a 360mm radiator can be installed at the top of the case.

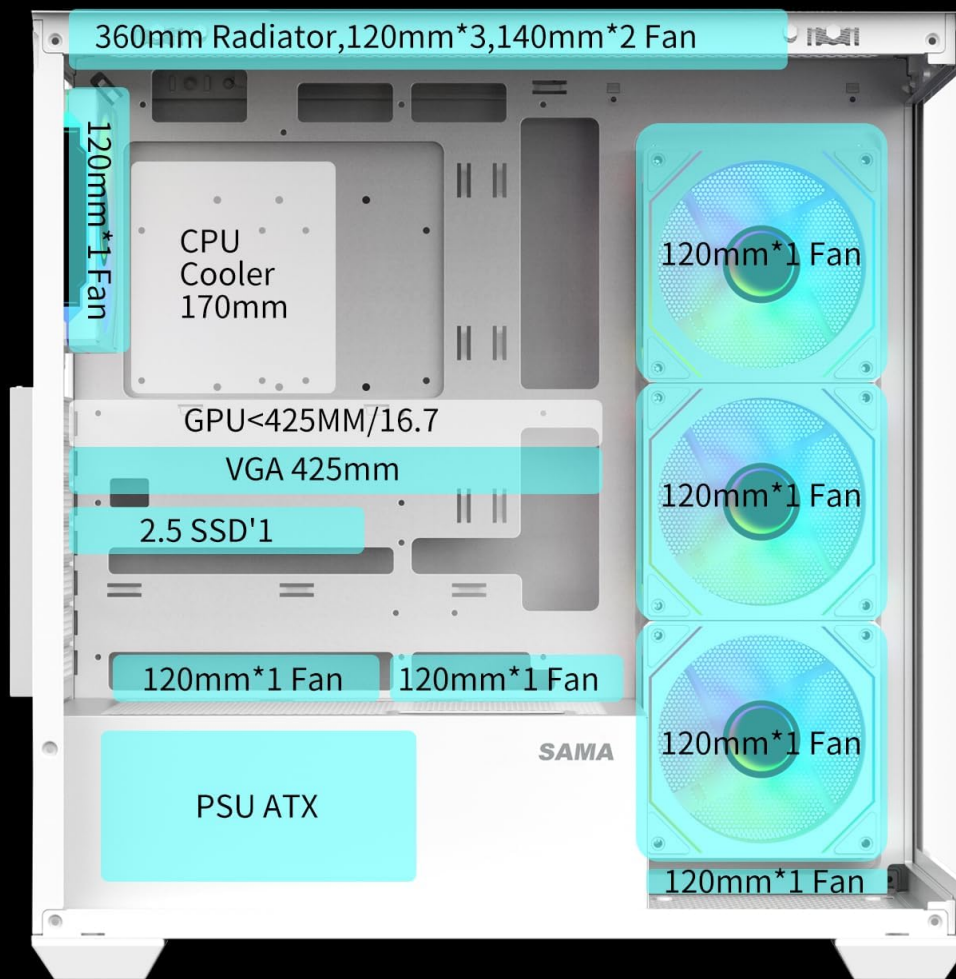
ATX Case

More slots, more space



A diagram illustrating the internal dimensions and compatibility for ATX, Micro ATX, and ITX motherboards, along with maximum CPU cooler height (181mm) and GPU length (410mm).

SUPPORT 360MM RADIATOR



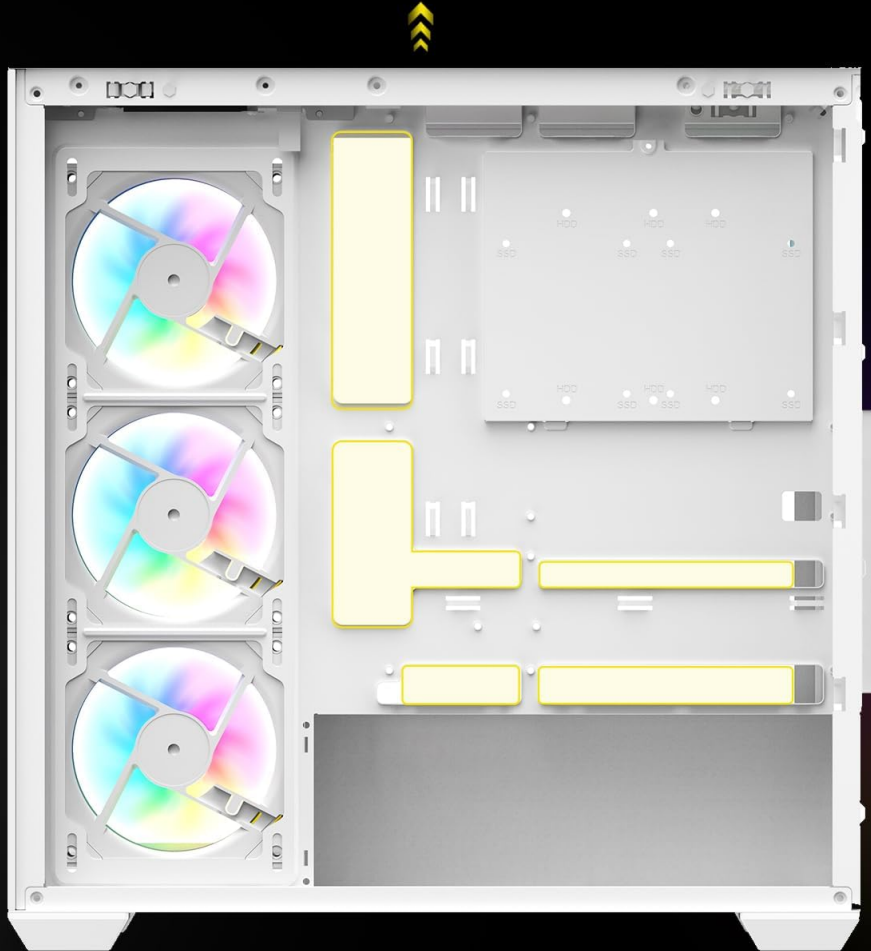
An internal layout diagram detailing fan and radiator support, including a 360mm radiator at the top, 120mm fans at the rear, and multiple 120mm fan positions on the side and bottom.

Cable Management

Utilize the cable routing channels and tie-down points located behind the motherboard tray to organize cables. Effective cable management improves airflow and the aesthetic appeal of your build.

»» Support Backplus Motherboard

Advanced design makes assembly structure simpler and easier. Not only improves the convenience of cleaning and maintenance, but also makes the internal space aesthetically pleasing.



A view of the rear side of the motherboard tray, indicating designated areas for cable routing and management to maintain a clean internal appearance.

OPERATION

Powering On

After all components are securely installed and connected, ensure the power supply is switched on and connected to a wall outlet. Press the power button on the top I/O panel to initiate your system.

ARGB Fan Control

The pre-installed ARGB fans offer customizable lighting effects. You can cycle through various modes and colors using the dedicated LED button on the top I/O panel. For advanced customization and synchronization with other components, connect the ARGB headers to a compatible motherboard and use its respective ARGB software (e.g., GIGABYTE RGB Fusion, MSI Mystic Light Sync).

EXQUISITE TEXTURE HIGH SPEED IO PANEL



A detailed view of the top I/O panel, featuring a Type-C port, two USB 3.0 ports, HD Audio jacks, and the power/reset/LED control buttons.

This video demonstrates the synchronization of ARGB lighting with motherboard RGB software, showcasing various color modes and effects. While featuring a different case model, the principles of ARGB control apply to the SAMA SV01.

MAINTENANCE

Dust Filter Cleaning

To maintain optimal airflow and prevent dust accumulation, regularly clean the magnetic dust filters located on the top and bottom of the case. These filters can be easily removed, cleaned with water or a soft brush, and reattached.

Tempered Glass Cleaning

Use a soft microfiber cloth and a non-abrasive glass cleaner to clean the tempered glass panels. Avoid using harsh chemicals or abrasive materials that could scratch or damage the glass.

Internal Cleaning

Periodically use compressed air to remove dust from internal components and fans. Always ensure the system is powered off and unplugged from the power source before performing any internal cleaning.

TROUBLESHOOTING

Fans Not Lighting Up

- Verify all ARGB fan connections to the motherboard's ARGB header or the dedicated fan controller.
- Ensure your motherboard's ARGB software is correctly installed, configured, and up to date.
- Check that the fan controller (if present) is receiving power.

System Not Powering On

- Confirm the power supply unit (PSU) is properly connected to a wall outlet and its main power switch is in the "On" position.
- Inspect all power connections from the PSU to the motherboard and other components.
- Ensure the front panel power button cable is correctly connected to the motherboard's front panel header.

Overheating Issues

- Check that all case fans and CPU cooler fans are spinning correctly and are free from obstructions.
- Ensure all dust filters are clean to allow for unrestricted airflow.
- Verify that thermal paste has been correctly applied between the CPU and its cooler.
- If using a liquid cooling system, confirm proper installation and functionality.

WARRANTY AND SUPPORT

For detailed warranty information, technical assistance, or any other support inquiries, please refer to the official SAMA website or contact your product retailer.

You may also find additional resources and contact information by visiting the [SAMA Official Store on Amazon](#).