

Aerocool ACCS-MA03043.11

AeroCool D301A Mid-Tower Gaming PC Case User Manual

Model: D301A (ACCS-MA03043.11)

Brand: Aerocool

INTRODUCTION

Welcome to the user manual for your AeroCool D301A Mid-Tower Gaming PC Case. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new PC case. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your system.

PRODUCT OVERVIEW

The AeroCool D301A is a compact yet spacious mid-tower case designed for gaming PCs, featuring optimized airflow with a wooden mesh front panel and pre-installed RGB fans. It supports Micro-ATX motherboards and offers excellent compatibility for various components.

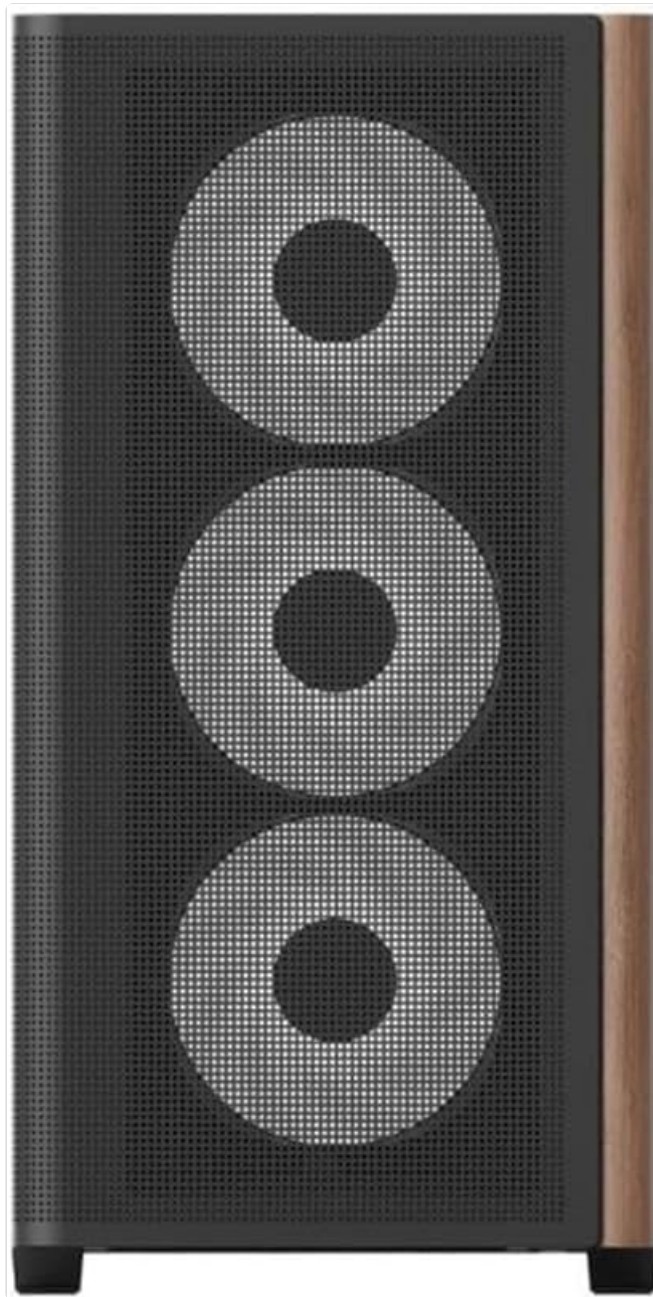
Key Features

- Optimized Airflow:** Wooden mesh front panel for superior ventilation.
- Pre-installed Fans:** Includes 4 RGB fans for immediate cooling and aesthetic appeal.
- Motherboard Compatibility:** Supports ASUS and MSI M-ATX motherboards.
- Connectivity:** Features USB Type-C port.
- Design:** Slim design with metal and wood accents.

Components and Layout



Front view of the AeroCool D301A Mid-Tower Case, showcasing its internal layout, pre-installed fans, and RGB lighting.



Detailed view of the AeroCool D301A's front panel, featuring the distinctive wooden mesh design for enhanced airflow.



Side perspective of the AeroCool D301A case, illustrating its sleek profile and the combination of metal and wood materials.



Interior view of the AeroCool D301A chassis, detailing the spacious layout for component installation and cable routing.



Rear internal view of the AeroCool D301A, highlighting the pre-installed fans and fan mounting locations.



The AeroCool D301A with its front panel detached, showcasing the fan mounting points and internal structure.

Cooling Support

Air Cooling Support



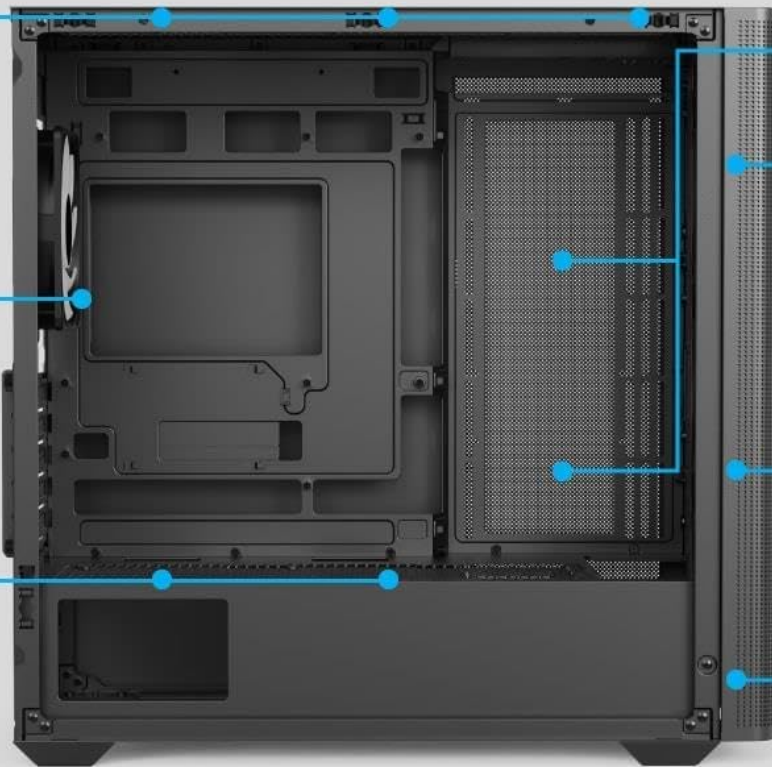
Top:
120mm x 3 or
140mm x 2 (Max.)



Rear:
120mm x 1 (Max.)



PSU Shroud:
120mm x 2 (Max.)



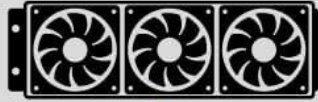
Side:
120mm x 2 or
140mm x 2
(Max.)



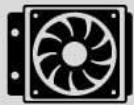
Front:
120mm x 3 or
140mm x 2
(Max.)

Diagram detailing the various air cooling fan mounting positions within the AeroCool D301A case, including top, side, rear, and front.

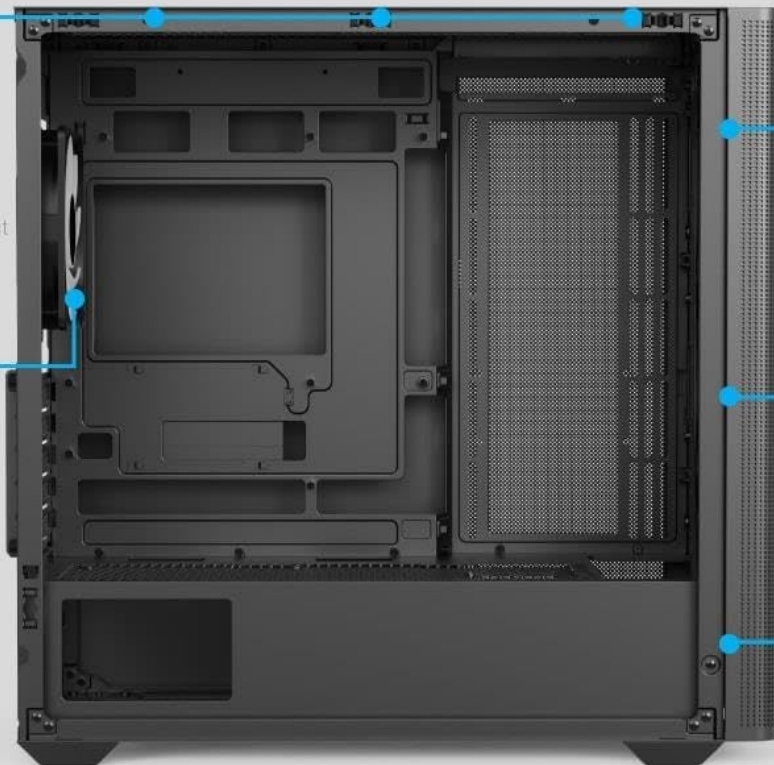
Liquid Cooling Support



Top:
120/140/240/280
/360mm Radiator
(Optional)
(For 140/280mm
Radiator; 30mm max
motherboard component
height)



Rear:
120mm Radiator
(Optional)



Front:
120/140/240/280
/360mm Radiator
(Optional)

Diagram outlining the liquid cooling radiator compatibility and mounting locations for the AeroCool D301A, including front, top, and rear.

SETUP GUIDE

Unpacking

Carefully remove the PC case from its packaging. Inspect for any damage during transit. Retain the original packaging for future transport or warranty claims.

Component Installation

1. Motherboard Installation:

Secure your Micro-ATX motherboard to the standoffs provided. Ensure all screws are tightened appropriately.

2. Power Supply Unit (PSU) Installation:

Install your PSU in the designated rear-mount area.

3. Storage Drive Installation:

Mount your SSDs/HDDs in the available drive bays.

4. **Graphics Card (GPU) and Expansion Card Installation:**

Install your GPU and other expansion cards into the PCIe slots.

5. **Cable Management:**

Utilize the cable routing options behind the motherboard tray to ensure clean cable management and optimal airflow.

Connecting Peripherals

Connect your monitor, keyboard, mouse, and other peripherals to your motherboard's I/O ports.

OPERATING INSTRUCTIONS

Powering On

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

RGB Fan Control

The pre-installed RGB fans can be controlled via your motherboard's RGB software (compatible with ASUS and MSI RGB sync technologies) or a dedicated fan controller if included with your specific model. Refer to your motherboard manual for detailed RGB software instructions.

MAINTENANCE AND CARE

Cleaning

Regularly clean the dust filters located on the front, top, and bottom of the case to maintain optimal airflow and prevent dust buildup. Use a soft cloth for external surfaces and compressed air for internal components.

Airflow Optimization

Ensure that the case has adequate clearance around it for proper air circulation. Avoid blocking the front mesh panel or any fan vents.

TROUBLESHOOTING

No Power

- Check if the PSU is properly connected to the wall outlet and the motherboard.
- Ensure the power button cable is correctly connected to the motherboard's front panel header.

Fans Not Spinning / RGB Not Lighting Up

- Verify that all fan power cables are securely connected to the motherboard or fan controller.
- Check RGB headers for proper connection.
- Ensure RGB software is correctly installed and configured.

Overheating Issues

- Clean all dust filters and fans.
- Verify fan orientation for proper airflow (intake/exhaust).
- Ensure no cables are obstructing airflow inside the case.

TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Aerocool
Manufacturer	AeroCool
Model	ACCS-MA03043.11
Model Name	D301A-G-BK-v2
Product Dimensions	54 x 51 x 30 cm
Product Weight	6.95 kg
Compatible Devices	ASUS and MSI m-ATX motherboards
Other Features	Wood accents, RGB lighting
Number of USB Ports	3
Material Type	Metal with Wood accents
Motherboard Compatibility	Micro ATX
Case Type	Mid-Tower
Recommended Use	Gaming
Color	Black
Material	Metal with Wood accents
Power Supply Mounting Type	Rear Mount
Cooling Method	Air
Lighting Color	RGB

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Aerocool website or contact your local retailer. Keep your proof of purchase for any warranty claims.

Online Resources:

- [Aerocool Official Website](#)