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AeroCool EN52209

Aerocool GT BLACK Edition PC Case User Manual

INTRODUCTION

Welcome to your Aerocool GT BLACK Edition PC Case. This manual provides essential information for the proper installation, operation, and maintenance of your computer chassis. Please read this manual thoroughly before beginning installation to ensure correct assembly and optimal performance.

FEATURES

The Aerocool GT BLACK Edition PC case is designed to accommodate a range of computer components, offering both functionality and a distinct aesthetic. Key features include:

- 7 expansion slots for various add-on cards.
- 5 drive bays for storage devices.
- Includes one pre-installed 120mm cooling fan for improved airflow.
- Compatibility with VGA (graphics) cards up to 400mm in length.
- Supports both ATX and Micro ATX motherboards.
- Two front-panel USB ports for convenient peripheral connectivity.
- Modular design for enhanced customization and ease of assembly.

SETUP AND INSTALLATION

This section guides you through the process of installing your computer components into the Aerocool GT BLACK Edition PC case.

1. Preparing the Case

Unpack the case and place it on a stable, flat surface. Remove the side panels by unscrewing the thumbscrews located at the rear of the case and sliding the panels backward.



Image: Interior view of the Aerocool GT BLACK Edition PC case, highlighting the spacious layout for component installation, including the motherboard tray, drive bays, and the pre-installed rear fan.

2. Motherboard Installation

Install the I/O shield into the cutout at the rear of the case. Align your ATX or Micro ATX motherboard with the pre-installed standoffs inside the case. Secure the motherboard with screws, ensuring it is firmly seated.

3. Power Supply Installation

Place your power supply unit (PSU) into the designated compartment at the bottom rear of the case. Secure it with screws from the exterior rear of the case.

4. Drive Installation

Install 3.5-inch or 2.5-inch drives into the available drive bays. The case supports 5 drive bays. For 5.25-inch optical drives, remove the front panel bay covers and slide the drive in, securing it with screws or tool-less mechanisms if available.



Image: Angled interior view of the Aerocool GT BLACK Edition PC case, showcasing the drive bays equipped with red tool-less mechanisms for easy installation and removal of storage devices. The rear exhaust fan is also visible.

5. Expansion Card Installation (VGA)

Remove the necessary expansion slot covers at the rear of the case. Insert your graphics card (VGA) or other expansion cards into the motherboard's PCIe slots. Secure the cards with screws. The case supports VGA cards up to 400mm in length.

6. Cable Management

Route power and data cables through the cutouts in the motherboard tray to the rear of the case for a cleaner build and improved airflow. Proper cable management is crucial for optimal cooling.

7. Front Panel Connections

Connect the front panel cables (USB, audio, power switch, reset switch, LED indicators) to the corresponding headers on your motherboard. Refer to your motherboard manual for specific header locations.



Image: Front view of the AeroCool GT BLACK Edition PC case, displaying the front panel I/O, which includes USB ports, audio jacks, and the power/reset buttons, along with the mesh intake for airflow.

OPERATION

Once all components are installed and cables are connected, replace the side panels. Connect your monitor, keyboard, mouse, and power cable to the system. Press the power button on the front panel to start your computer.

Front Panel Ports

- **USB Ports:** Use these for connecting peripherals such as keyboards, mice, and external storage devices.
- **Audio Jacks:** Connect headphones and microphones.
- **Power Button:** Turns the system on or off.
- **Reset Button:** Restarts the system.

MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your PC components by maintaining proper airflow and preventing dust buildup.

Dust Cleaning

Periodically clean dust filters (if present) and the interior of the case using compressed air or a soft brush. Dust accumulation can hinder airflow and lead to overheating, reducing component lifespan.



Image: Side view of the Aerocool GT BLACK Edition PC case, featuring a ventilated side panel designed to accommodate additional cooling fans, improving overall system airflow and heat dissipation.

Cable Management

Ensure cables are neatly routed and secured to maintain good airflow within the case. Re-organize cables if they become dislodged or obstruct airflow.

TROUBLESHOOTING

This section addresses common issues you might encounter with your PC case and offers potential solutions.

No Power

- Check if the power supply is properly connected to the wall outlet and the motherboard.
- Ensure the power button cable is correctly connected to the motherboard header. Refer to your motherboard manual.
- Verify the power switch on the PSU itself is in the 'ON' position.

Overheating

- Verify that all fans (case fans, CPU cooler fan, GPU fans) are spinning correctly.
- Ensure there is adequate airflow and no dust buildup obstructing vents or fan blades. Clean filters and interior as described in the Maintenance section.
- Check if components are properly seated and thermal paste is correctly applied to the CPU cooler.

Front Panel Ports Not Working

- Confirm that the front panel USB and audio cables are securely connected to the correct headers on your motherboard.
- Check your motherboard manual for the correct pin assignments for front panel connectors.

SPECIFICATIONS

The following table details the technical specifications of the Aerocool GT BLACK Edition PC Case:

Feature	Detail
Manufacturer	Aerocool
Part Number	4713105952209
Color	Black
Material	Polycarbonate
Quantity per package	1
Special Features	Modularity and customization
Batteries included?	No
Battery operated?	No
Item Weight	3.35 Kilograms
Length	20 centimeters
Width	44 centimeters
Height	43 centimeters
Model Number	EN52209
Product Dimensions	20 x 44 x 43 cm
ASIN	B00DDDGXDO

Feature	Detail
Brand	AeroCool
EAN	4713105952209
Package Dimensions	50.4 x 47.6 x 23.4 centimeters
Available for purchase since	28 June 2013
Manufacturer Discontinued	No
Motherboard Compatibility	ATX
Case Type	Tower
Suitability for radio control	Gaming
GTIN	4713105952209

WARRANTY AND SUPPORT

For warranty information and technical support regarding your AeroCool GT BLACK Edition PC Case, please refer to the official AeroCool website or contact your local retailer. It is recommended to keep your purchase receipt as proof of purchase for any warranty claims.

Product Model: **EN52209**

Manufacturer Part Number: **4713105952209**