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AeroCool BOLT

Aerocool Bolt Mid-Tower RGB PC Gaming Case User Manual

Model: BOLT | Brand: AeroCool

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Aerocool Bolt Mid-Tower RGB PC Gaming Case. Please read this manual thoroughly before beginning assembly or operation to ensure proper usage and to maximize the lifespan of your product.



Figure 1: Front-left view of the Aerocool Bolt Mid-Tower RGB PC Gaming Case, showcasing the full acrylic side panel and the RGB LED strip on the front panel.

KEY FEATURES

- Mid-Tower ATX form factor.
- Stylish RGB LED strip on the front panel with 13 lighting modes (6 RGB flow, 7 static colors).
- Full acrylic side panel for component visibility.

- Carbon fiber style front panel finish.
- Supports ATX, Micro-ATX, and Mini-ITX motherboards.
- Liquid cooling support up to 240mm.
- Up to six 120mm fans (one 120mm black fan included at the rear).
- Dual chamber design for improved cooling.
- Front I/O panel with USB 3.0 and USB 2.0 ports.

SETUP AND INSTALLATION

Before beginning installation, ensure your workspace is clean and static-free. Refer to your component manuals for specific installation instructions.

1. Preparing the Case

1. **Remove Side Panels:** Carefully unscrew the thumbscrews on the rear of the case for both the acrylic side panel and the solid metal side panel. Gently slide the panels backward and lift them off.
2. **Accessory Box:** Locate the accessory box inside the case, which contains screws, cable ties, and other mounting hardware.





Figure 2: Side view of the case, highlighting the full acrylic side panel. This panel provides a clear view of internal components.

2. Motherboard Installation

- 1. Install Standoffs:** Ensure the correct standoffs are installed for your motherboard size (ATX, Micro-ATX, or Mini-ITX). The case comes with pre-installed standoffs for ATX. Adjust as necessary.
- 2. Install I/O Shield:** Snap your motherboard's I/O shield into the rear opening of the case.
- 3. Mount Motherboard:** Carefully place your motherboard onto the standoffs, aligning the screw holes. Secure it with the provided screws.



Figure 3: Internal view of the case, illustrating the motherboard mounting area, cable management cutouts, and drive bays.

3. Power Supply Unit (PSU) Installation

- The PSU mounts at the bottom rear of the case. Slide your PSU into the dedicated compartment from the rear.
- Secure the PSU with screws from the outside of the case.
- Route necessary cables through the cutouts into the main chamber for component connection.

4. Storage Drive Installation

- **3.5" HDDs:** Install 3.5" hard drives into the drive cage located beneath the PSU shroud. Slide them in and secure with screws.

- **2.5" SSDs:** Mount 2.5" SSDs to the dedicated mounting points on the motherboard tray or the PSU shroud. Secure with screws.

5. Graphics Card (GPU) Installation

- Remove the necessary PCIe slot covers from the rear of the case.
- Insert your graphics card into the appropriate PCIe slot on the motherboard.
- Secure the graphics card to the case with screws. The case supports high-end graphics cards up to 355mm in length.

6. Cooling System Installation (Fans & Liquid Cooling)

- **Fans:** The case supports up to six 120mm fans. One 120mm fan is pre-installed at the rear. Additional fans can be installed at the front (up to 3x 120mm), top (up to 2x 120mm), and PSU shroud (2x 120mm for VGA cooling).
- **Liquid Cooling:** A 240mm radiator can be installed at the front of the case.
- Ensure proper airflow direction for optimal cooling.



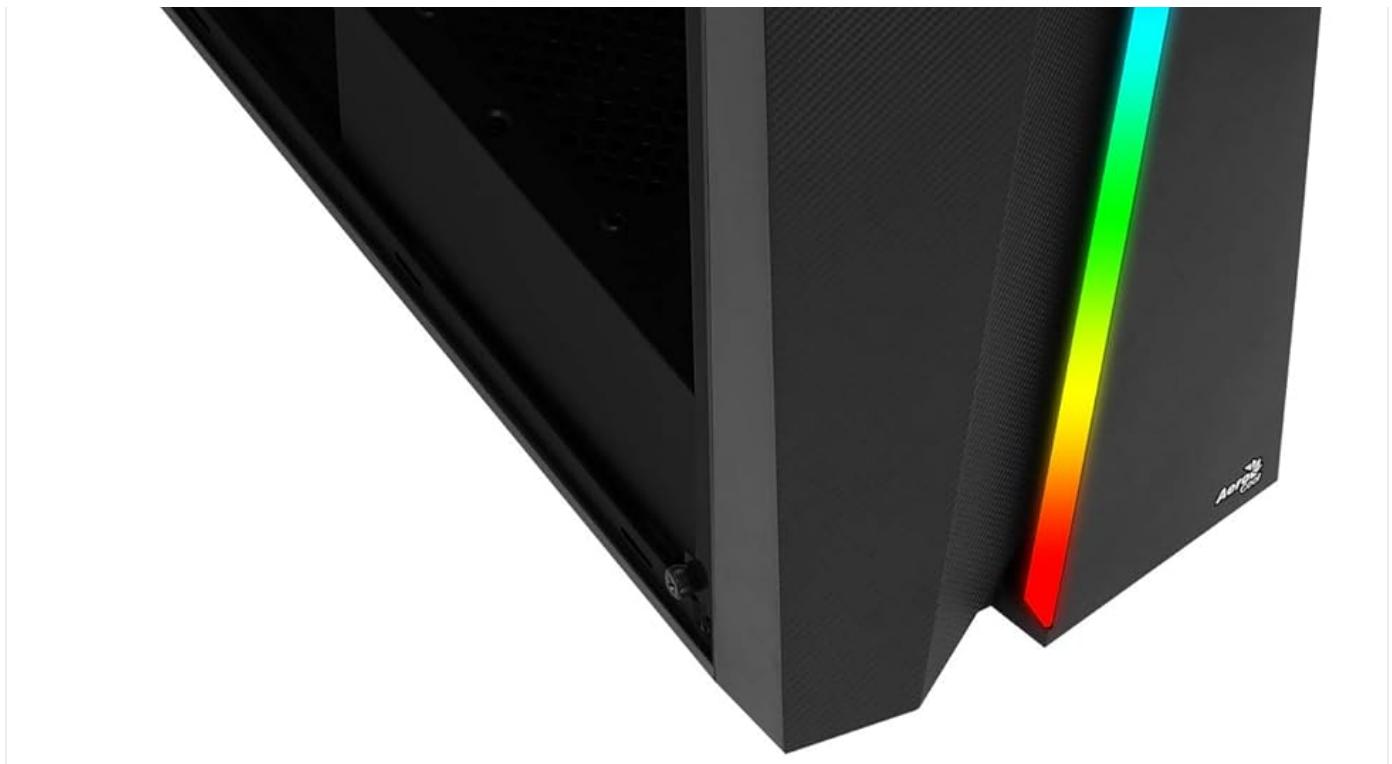


Figure 4: Top-front view of the case, displaying the power button, USB 3.0, USB 2.0 ports, and audio jacks.

7. Cable Management

- Utilize the cable management cutouts and tie-down points behind the motherboard tray to route and secure cables. This improves airflow and aesthetics.
- Connect all necessary power and data cables to your components.
- Connect the case's front panel connectors (USB, audio, power switch, reset switch, LED switch) to the appropriate headers on your motherboard.

OPERATING INSTRUCTIONS

RGB LED Lighting Control

The Aerocool Bolt case features an integrated RGB LED strip on the front panel with multiple lighting modes. Control is managed via a dedicated LED control switch located on the top I/O panel.

- **Power On:** After connecting the case's RGB cable to your power supply (usually via a SATA power connector), the RGB strip will illuminate upon system startup.
- **Change Modes:** Press the LED control switch (often labeled "LED" or a lightbulb icon) on the top panel to cycle through the 13 available lighting modes. These include 6 RGB flow effects and 7 static color modes.
- **Turn Off/On:** Press and hold the LED control switch for a few seconds to turn the RGB lighting off. Press it again briefly to turn it back on.

MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your PC case.

- **Dust Cleaning:** Periodically clean dust filters (if present) and internal components using compressed air. Ensure the system is powered off and unplugged before cleaning.

- **Acrylic Side Panel:** Clean the acrylic side panel with a soft, lint-free cloth and a mild, non-abrasive cleaner specifically designed for plastics. Avoid harsh chemicals or abrasive materials, as they can scratch the surface.
- **Cable Management:** Periodically check cable routing to ensure no cables are obstructing airflow or fan blades.

TROUBLESHOOTING

This section addresses common issues you might encounter.

- **No Power:**
 - Ensure the PSU is properly connected to the wall outlet and the power switch on the PSU is in the "ON" position.
 - Verify that the case's front panel power switch cable is correctly connected to the motherboard's power header.
- **RGB Lighting Not Working:**
 - Check if the RGB LED strip's power cable (usually SATA) is securely connected to your power supply.
 - Ensure the LED control switch cable from the front panel is connected to the appropriate header on the RGB controller (if applicable) or directly to the LED strip.
 - Try pressing the LED control switch to cycle through modes or holding it down to turn it on/off.
- **Poor Airflow/Overheating:**
 - Ensure all installed fans are spinning and oriented correctly for optimal airflow (intake at front/bottom, exhaust at rear/top).
 - Clean any dust buildup on fans and filters.
 - Verify that cables are neatly managed and not obstructing airflow.
- **USB Ports Not Functioning:**
 - Check if the USB 3.0 and USB 2.0 cables from the front panel are correctly connected to the corresponding headers on your motherboard.

SPECIFICATIONS

Feature	Detail
Model Name	Bolt
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro-ATX, Mini-ITX
Dimensions (L x W x H)	7.64 x 16.14 x 17.48 inches (194 x 410 x 444 mm)
Weight	7.48 pounds (3.4 kg)
Material	Acrylic (side panel), Steel (chassis)
Front I/O Ports	1x USB 3.0, 2x USB 2.0, HD Audio & Mic, Power Button, LED Control Button

Feature	Detail
Expansion Slots	7
Drive Bays	2x 3.5" HDD, 2x 2.5" SSD
CPU Cooler Clearance	Up to 155mm
GPU Length Clearance	Up to 355mm
Fan Support	Front: 3x 120mm, Top: 2x 120mm, Rear: 1x 120mm (included), PSU Shroud: 2x 120mm
Radiator Support	Front: 1x 240mm
RGB Lighting	Front panel RGB LED strip with 13 modes (6 flow, 7 static)

WARRANTY INFORMATION

AeroCool products typically come with a limited manufacturer's warranty. For specific warranty terms and conditions, including duration and coverage, please refer to the warranty card included with your product or visit the official AeroCool website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you encounter issues not covered in this manual or require further assistance, please contact AeroCool customer support. Contact information can usually be found on the official AeroCool website or on the product packaging.

Website: www.aerocool.io (Please verify the current official website for support.)