AeroCool ACCM-PB2301311

Aerocool Cronus Mid Tower Case User Manual

Model: ACCM-PB2301311
Brand: AeroCool

1. INTRODUCTION

The Aerocool Cronus mid tower case is designed for high-performance PC builds, featuring a wide and sturdy chassis that supports E-ATX motherboards and offers three additional expansion slots for vertical graphics card installation. This case incorporates an X-shaped RGB LED front panel and a full tempered glass side panel, providing both aesthetic appeal and a clear view of internal components. It includes a 6-port PC fan hub for extensive ARGB lighting control and a GPU bracket to ensure graphics card stability. The pre-installed 140mm ARGB rear fan contributes to efficient cooling.

Figure 1.1: Front and side view of the Aerocool Cronus Mid Tower Case, highlighting its RGB LED front panel and tempered glass side panel.

2. KEY FEATURES

- **Dynamic Design:** Features a tempered glass side panel, X-shaped RGB LED front panel, and a 14cm ARGB fan, enhancing the visual appeal of your PC build.

- **GPU Bracket:** An integrated GPU bracket provides stability for your graphics card, preventing sagging and ensuring reliable performance.

- **Cable Management System:** Equipped with 6 cable grommets and 2 cable passthrough tubes for efficient and tidy cable routing, simplifying the build process and improving airflow.

- **Maximized Performance:** Engineered with a spacious interior and a sturdy chassis to accommodate various components and configurations, allowing for a customized and high-performance system.

- **Convenient Connections:** Includes a 6-port PC fan hub for connecting motherboards and accessories, offering extensive color combinations and customization options for ARGB lighting.

Figure 2.1: The Aerocool Cronus case integrated into a PC setup, demonstrating its aesthetic and functional presence.

3. Setup and Installation

This section provides general guidelines for setting up your Aerocool Cronus Mid Tower Case. For detailed component-specific instructions, please refer to the manuals provided with your motherboard, power supply, and other hardware.

3.1. Preparing the Case

1. Unpack the case carefully and remove all packaging materials.

2. Place the case on a stable, flat surface.

3. Remove the tempered glass side panel by unscrewing the thumb screws and gently pulling it away. Set it aside on a soft, non-abrasive surface to prevent scratches.

4. Remove the opposite side panel to access the cable management area.

3.2. Component Installation

1. **Motherboard Installation:** Install the necessary standoffs for your motherboard form factor (E-ATX, ATX, Micro-ATX, Mini-ITX). Carefully place the motherboard into the case, aligning it with the standoffs, and secure it with screws.

2. **Power Supply Installation:** Mount the power supply unit (PSU) in the designated bottom compartment. Secure it with screws from the rear of the case.

3. **Storage Drive Installation:** Install 2.5" SSDs and 3.5" HDDs into their respective drive bays. Utilize the tool-less mechanisms where available or secure with screws.

4. **Graphics Card (GPU) Installation:** Insert your graphics card into the appropriate PCIe slot on the motherboard. For vertical GPU installation, use the additional expansion slots and the included GPU bracket. Secure the GPU firmly.

5. **Cooling System Installation:** Install any additional fans or liquid cooling radiators as desired. The case supports various fan configurations and radiator sizes.

3.3. Cable Management

Utilize the cable grommets and passthrough tubes located behind the motherboard tray to route power cables and data cables neatly. This improves airflow and gives your build a cleaner appearance.

4. OPERATING INSTRUCTIONS

4.1. Powering On

After all components are installed and cables are connected, ensure the power supply switch is in the 'ON' position. Press the power button on the top I/O panel of the case to start your system.

4.2. ARGB Lighting Control

The Aerocool Cronus case features an X-shaped RGB LED front panel and an ARGB rear fan, controlled via a 6-port PC fan hub. Lighting can be managed in two primary ways:

- **LED Control Button:** Use the dedicated LED control button on the top I/O panel to cycle through various pre-set lighting effects and colors.

- **Motherboard Software:** Connect the ARGB hub to a compatible ARGB header on your motherboard (e.g., 5V 3-pin ARGB header). This allows you to synchronize lighting effects across all compatible components using your motherboard's RGB software (e.g., ASUS Aura Sync, MSI Mystic Light Sync, Gigabyte RGB Fusion, ASRock Polychrome Sync). Refer to your motherboard manual for specific software instructions.

5. MAINTENANCE AND CARE

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.

- **Exterior Cleaning:** Wipe the exterior surfaces, including the tempered glass panel, with a soft, damp cloth. Avoid abrasive cleaners or solvents that may damage the finish.

- **Cable Check:** Occasionally check internal cable connections to ensure they are secure and not obstructing airflow.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your PC case.

Problem	Possible Cause	Solution
Front panel RGB lights not working.	ARGB cable disconnected from hub/motherboard. Power cable to ARGB hub disconnected. Incorrect ARGB header connection (e.g., 12V instead of 5V).	Check all ARGB cable connections to the hub and motherboard. Ensure the ARGB hub is receiving power from the PSU. Verify connection to a 5V 3-pin ARGB header on the motherboard.
System not powering on after assembly.	Front panel power switch cable not connected to motherboard. PSU switch is off or not connected.	Ensure the front panel power switch cable is correctly connected to the motherboard's front panel header. Check PSU power cable and ensure PSU switch is ON.
Graphics card sagging.	Heavy GPU without proper support.	Utilize the included GPU bracket to provide additional support for the graphics card.

7. SPECIFICATIONS

Below are the technical specifications for the Aerocool Cronus Mid Tower Case.
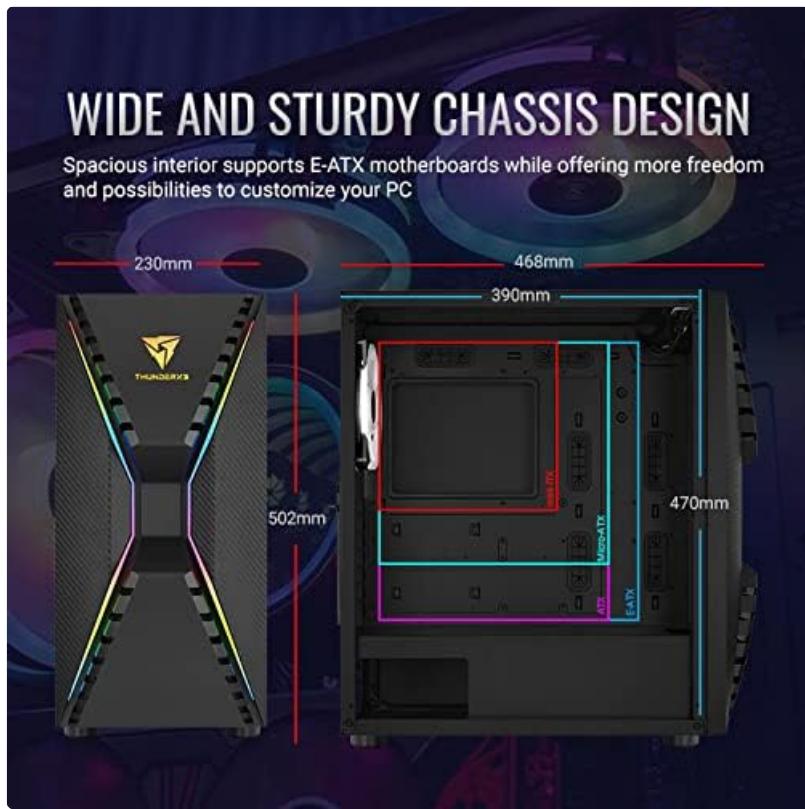
Figure 7.1: Dimensional overview and motherboard compatibility of the Aerocool Cronus case.

| Feature	Detail
Brand	AeroCool
Model Name	CRONUSBK
Item Model Number	ACCM-PB2301311

| Feature	Detail
Case Type	Mid Tower
Motherboard Compatibility	E-ATX, ATX, Micro-ATX, Mini-ITX
Material	Tempered Glass (Side Panel)
Color	Black
Item Weight	5.5 pounds (2.5 Kilograms)
Product Dimensions (LxWxH)	9.06 x 19.76 x 18.43 inches
Number of USB 2.0 Ports	2
Number of USB 3.0 Ports	2
Cooling Method	Air (1 x 140mm ARGB Rear Fan included)
Power Supply Mounting Type	Bottom Mount
Special Features	RGB LED Front Panel, GPU Bracket, Cable Management System, 6-port PC Fan Hub
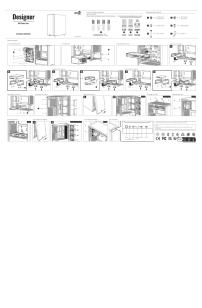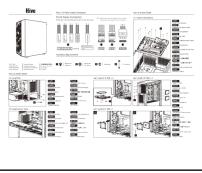
8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official AeroCool website or contact their customer service department. Keep your proof of purchase for warranty claims.

- **Online Support:** Visit the AeroCool official website for FAQs, drivers, and support resources.

- **Customer Service:** Contact AeroCool customer support for assistance with product issues or warranty inquiries.

Related Documents

AeroCool Designer Mid Tower Case Installation and ARGB Setup Guide
Comprehensive guide for installing the AeroCool Designer Mid Tower PC Case, including component mounting, front panel connections, and detailed instructions for ARGB lighting setup with various motherboard sync technologies.

AeroCool Hive Computer Case Installation Guide
Comprehensive installation guide for the AeroCool Hive computer case, detailing motherboard, PSU, SSD, radiator, and fan mounting, along with front panel I/O connections and controls.
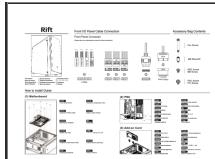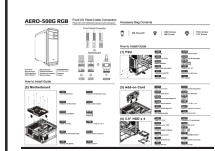
	AeroCool Rift BG Computer Case Installation Guide Step-by-step guide for installing the AeroCool Rift BG PC case, covering front panel connections, accessory components, and the installation of motherboards, PSUs, add-on cards, 3.5" HDDs, 2.5" SSDs, and fans.
	AERO-500G RGB PC Case Installation Guide Comprehensive installation guide for the AERO-500G RGB PC case, detailing component mounting and front panel connections. Includes instructions in multiple languages.