

## COUGAR ARCHON 2 RGB

# COUGAR Archon 2 RGB Mid Tower Case User Manual

Model: ARCHON 2 RGB

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your COUGAR Archon 2 RGB Mid Tower Case. Please read this manual carefully before beginning installation to ensure proper setup and to maximize the performance and longevity of your product.



Figure 1.1: Angled view of the COUGAR Archon 2 RGB Mid Tower Case, showcasing the tempered glass side panel and front RGB fans.

## 2. PRODUCT FEATURES

The COUGAR Archon 2 RGB Mid Tower Case is designed for PC enthusiasts seeking a balance of aesthetics, airflow, and functionality. Key features include:

- **Elegant Design with Tempered Glass:** A sleek black finish combined with a tempered glass side panel allows for a clear view of internal components and RGB lighting.
- **Optimized Airflow:** Supports multiple fan configurations and includes three pre-installed 120mm ARGB fans at the front for efficient cooling.
- **Extensive Compatibility:** Accommodates Mini ITX, Micro ATX, and ATX motherboards.
- **Ample Storage Options:** Provides bays for both 3.5" HDDs and 2.5" SSDs.
- **Convenient Front I/O:** Features USB 3.0 and USB 2.0 ports for easy peripheral connectivity.
- **RGB Lighting Control:** Integrated ARGB fans offer customizable lighting effects.



Figure 2.1: Front view of the COUGAR Archon 2 RGB case, highlighting the three pre-installed ARGB fans.

## 3. SETUP GUIDE

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Follow these steps to properly install your components into the COUGAR Archon 2 RGB case.

### 3.1. Pre-Installation Checklist

- Ensure you have all necessary components: motherboard, CPU, RAM, GPU, power supply, storage drives, and appropriate tools (screwdriver, zip ties).
- Work on a clean, static-free surface. Consider using an anti-static wrist strap.

### 3.2. Opening the Case

1. Carefully remove the tempered glass side panel by unscrewing the thumbscrews located at the rear of the case. Set the panel aside on a soft, flat surface to prevent scratches.
2. Remove the opposite metal side panel by unscrewing its thumbscrews and sliding it backward.

### 3.3. Motherboard Installation

1. Install the I/O shield (if not pre-attached to your motherboard) into the rear opening of the case.
2. Align your motherboard with the standoffs inside the case. Ensure all standoffs match the screw holes on your motherboard.
3. Secure the motherboard using the provided screws. Do not overtighten.

### 3.4. Power Supply Unit (PSU) Installation

1. Locate the PSU mounting area at the bottom rear of the case.
2. Slide your PSU into the designated bay from the rear of the case, ensuring the fan faces downwards for optimal cooling (if the case has a bottom vent).
3. Secure the PSU with screws from the rear of the case.

### 3.5. Storage Drive Installation

The Archon 2 RGB supports both 3.5" HDDs and 2.5" SSDs.

- **For 3.5" HDDs:** Locate the drive cage usually beneath the PSU shroud. Slide the HDD into the drive bay and secure it with screws.
- **For 2.5" SSDs:** Mount SSDs to the designated mounting points on the back of the motherboard tray or within the drive cage, securing them with screws.

### 3.6. Expansion Card (GPU) Installation

1. Remove the necessary PCIe slot covers from the rear of the case.
2. Insert your graphics card or other expansion cards into the appropriate PCIe slot on the motherboard.
3. Secure the card with screws to the case.

### 3.7. Cable Management and Front Panel Connections

Route all power and data cables neatly behind the motherboard tray. Connect the front panel I/O cables (USB, audio, power switch, reset switch, LED indicators) to their respective headers on the motherboard according to your motherboard manual.



Figure 3.1: Dimensions of the COUGAR Archon 2 RGB case, useful for planning component fit and space.

## 4. OPERATING INSTRUCTIONS

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### 4.1. Powering On

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

### 4.2. RGB Lighting Control

The pre-installed ARGB fans are typically controlled via a dedicated button on the case's front I/O panel or through your motherboard's RGB software (if connected to an ARGB header). Refer to your motherboard manual for software-based control options.

## 5. MAINTENANCE

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

- **Dust Cleaning:** Periodically clean dust filters (if present) and internal components using compressed air. Ensure the system is powered off and unplugged before cleaning.
- **Cable Management:** Ensure cables are neatly routed to avoid obstructing airflow.
- **Fan Inspection:** Check fans for dust buildup or obstructions that could impede their operation.

## 6. TROUBLESHOOTING

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If you encounter issues, refer to the following common troubleshooting steps:

- **System Not Powering On:**
  - Check all power connections, including the PSU to the wall outlet, PSU to motherboard (24-pin and CPU 8-pin), and front panel power switch header.
  - Ensure the PSU switch is in the 'ON' position.
- **Fans Not Spinning / RGB Not Working:**
  - Verify fan power cables are securely connected to the motherboard or fan controller.
  - Check ARGB headers for proper connection to the motherboard or RGB controller.
  - Ensure RGB software or case button is correctly configured.
- **No Display Output:**
  - Confirm the monitor cable is connected to the graphics card (not the motherboard integrated graphics, unless no dedicated GPU is present).
  - Reseat the graphics card and RAM modules.

## 7. SPECIFICATIONS

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Detailed specifications for the COUGAR Archon 2 RGB Mid Tower Case:

Feature	Detail
Model Name	ARCHON 2 RGB
Case Type	Mid Tower
Motherboard Compatibility	Mini ITX, Micro ATX, ATX
Dimensions (LxWxH)	14.96 x 8.27 x 18.5 inches (380 x 210 x 470 mm)
Item Weight	11.37 pounds (5.17 kg)
Material	Metal, Tempered Glass
Color	Black
Pre-installed Fans	3 x 120mm ARGB fans (Front)
Fan Support (Front)	3 x 120mm or 2 x 140mm
I/O Ports	1 x USB 2.0, 2 x USB 3.0, Audio In/Out
Power Supply Mounting Type	Bottom Mount

Feature	Detail
Cooling Method	Air








Figure 7.1: Front panel fan configuration and size options for the COUGAR Archon 2 RGB case.

## 8. WARRANTY AND SUPPORT

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

**COUGAR Official Website:** [cougargaming.com](http://cougargaming.com)

### Related Documents - ARCHON 2 RGB

	<p><a href="#">COUGAR ARCHON 2 RGB PLUS Mid Tower PC Case - Features, Specs, and Installation Guide</a></p> <p>Detailed overview of the COUGAR ARCHON 2 RGB PLUS Mid Tower PC Case, highlighting its brilliant ARGB lighting, tempered glass design, cooling capabilities, component support, and installation instructions.</p>
	<p><a href="#">Cougar Archon 2 Mesh RGB Case User Manual and Specifications</a></p> <p>Comprehensive guide to the Cougar Archon 2 Mesh RGB computer case, detailing its features, specifications, installation instructions, and RGB lighting control.</p>
	<p><a href="#">COUGAR Gemini S Advanced Gaming Mid-Tower Case with RGB Lighting</a></p> <p>Detailed overview of the COUGAR Gemini S, an advanced gaming mid-tower PC case featuring a full-sized tempered glass cover, integrated RGB lighting system, excellent component support for graphics cards and cooling, and ample storage options. Includes specifications, assembly instructions, and warranty information.</p>
	<p><a href="#">COUGAR MX110 Mid Tower PC Case: Features, Specifications, and Installation Guide</a></p> <p>Comprehensive guide to the COUGAR MX110 PC case, detailing its features, technical specifications, installation instructions for components like GPUs and drives, and warranty information. Built for basics, ready for more.</p>
	<p><a href="#">COUGAR UNIFACE Mid Tower PC Case - Features, Specifications, and Installation Guide</a></p> <p>Comprehensive guide to the COUGAR UNIFACE mid-tower PC case, detailing its features, specifications, assembly instructions, and compatibility for building a high-performance computer.</p>
	<p><a href="#">COUGAR MX360 RGB Mid Tower PC Case - Assembly and Specifications</a></p> <p>Detailed assembly instructions, technical specifications, and features for the COUGAR MX360 RGB mid-tower PC case, highlighting its ARGB lighting, cooling support, and component compatibility.</p>