

COUGAR OmnyX

COUGAR OmnyX Mid Tower PC Case Instruction Manual

Model: OmnyX (CGR-2WA3B-RGB)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your COUGAR OmnyX Mid Tower PC Case. Please read this manual thoroughly before beginning assembly to ensure correct setup and optimal performance. Keep this manual for future reference.

2. SAFETY INFORMATION

- Always disconnect the power supply from the wall outlet before installing or servicing any components inside the PC case.
- Handle all components with care to prevent damage from static electricity. Consider using an anti-static wrist strap.
- Avoid placing the PC case in direct sunlight, near heat sources, or in areas with high humidity.
- Ensure proper ventilation around the case to prevent overheating.
- Keep small parts and tools away from children.

3. PACKAGE CONTENTS

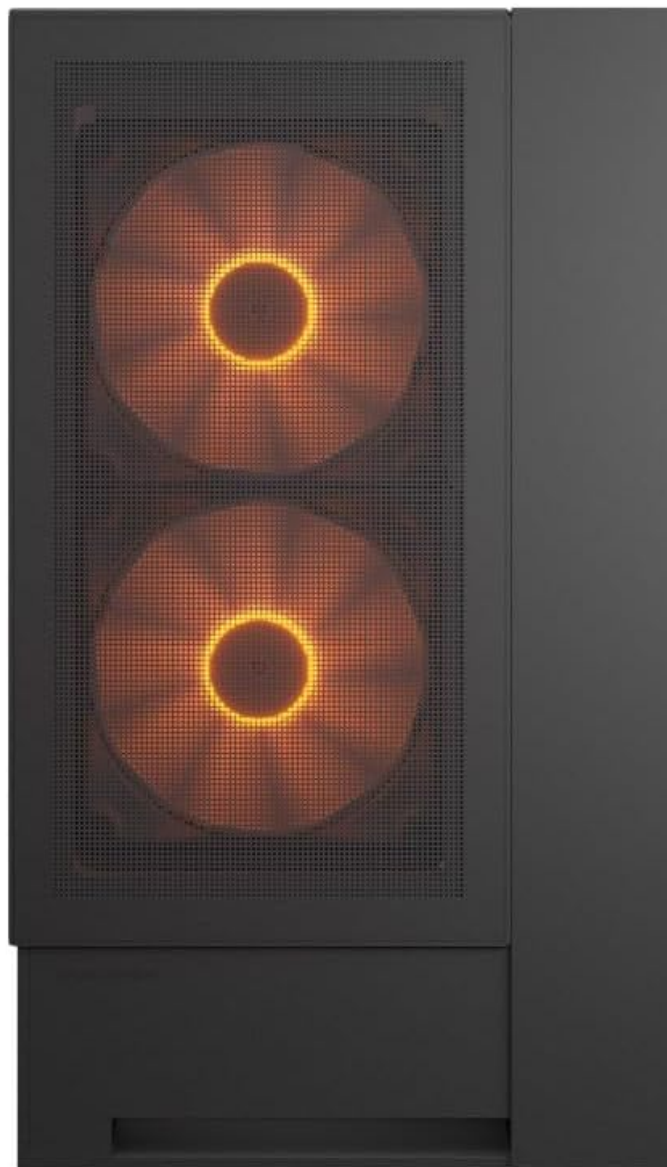
Verify that all items are present in your package:

- COUGAR OmnyX Mid Tower PC Case
- Accessory Box (containing screws, standoffs, cable ties, etc.)
- User Manual (this document)
- Pre-installed 160mm fans (quantity as specified in product details)

4. PRODUCT OVERVIEW

The COUGAR OmnyX case is designed for high expandability and efficient cooling, suitable for various computing needs. Its symmetrical design allows for flexible placement, showcasing internal components from multiple angles. Key features include:

- **Symmetrical Design:** Allows for versatile orientation on your desk.
- **Omnidirectional Dynamic Flow System (ODF):** Optimized airflow for superior cooling performance.
- **Quad 160mm Fans:** Equipped with four large 160mm fans for powerful cooling.
- **Ambidextrous I/O Module:** Features 4x USB 3.0 Type-A and 2x USB 3.2 Gen 2 Type-C ports for convenient connectivity.
- **Quick Release Mechanism:** Tool-less panel removal for easy access and installation.
- **Streamlined Cable Management:** Dedicated channels and tie-down points for a clean build.
- **Bracketless Vertical GPU Mount:** Supports vertical GPU installation without additional brackets.



Front view of the COUGAR OmnyX PC case, highlighting the pre-installed 160mm fans.

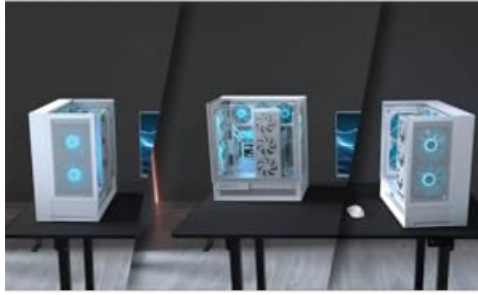


Illustration of the symmetrical design, allowing flexible case orientation.



Close-up of the large 160mm fans providing powerful cooling.

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Official product video showcasing the COUGAR OmnyX PC case features, including its symmetrical design, quad 160mm fans, ambidextrous I/O module, cable management, and quick release mechanism for easy installation.

5. SETUP & INSTALLATION

5.1. Preparation

Before starting, ensure you have a clean, well-lit workspace and the necessary tools, including a Phillips head screwdriver.

5.2. Panel Removal

The OmnyX case features a quick-release mechanism for easy panel removal. Gently pull the panels to detach them from the chassis. Refer to the exploded view for component identification.



Internal view showing the motherboard tray and mounting points.

5.4. Graphics Card (GPU) Installation

Install your graphics card into the appropriate PCIe slot. The case supports GPUs up to 380mm in length. For vertical GPU mounting, utilize the integrated bracketless vertical GPU mount.



Illustration of the bracketless vertical GPU mounting option.

5.5. Drive Installation

The case provides bays for 2x 3.5-inch drives and 2x 2.5-inch drives. Secure your storage devices in the

designated locations using the provided screws.

5.6. Power Supply Unit (PSU) Installation

Install your power supply unit in the rear-mount location. The case accommodates PSUs up to 200mm in length.

5.7. Cable Management

Utilize the dedicated cable management channels and tie-down points behind the motherboard tray to route and secure cables. This ensures optimal airflow and a clean internal appearance.



View illustrating the efficient cable management system within the case.

5.8. Front I/O Connections

Connect the front panel I/O cables (USB 3.0, USB 3.2 Gen 2 Type-C, audio, power, reset) to their corresponding headers on your motherboard. The ambidextrous I/O module offers flexible placement.



Close-up of the front I/O panel with USB ports and controls.

6. OPERATING INSTRUCTIONS

6.1. Power On/Off

After all components are installed and cables connected, plug the power supply into a wall outlet. Press the power button on the front I/O panel to turn on your PC.

6.2. RGB Lighting Control

The pre-installed fans feature RGB lighting. Control of the RGB effects and fan speed is typically managed through your motherboard's software or a dedicated controller if included. Refer to your motherboard manual for specific instructions on RGB synchronization.



Illustration depicting RGB LED and fan speed control capabilities.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and performance of your PC case:

- **Dust Cleaning:** Periodically clean dust filters and internal components using compressed air or a soft brush. Dust accumulation can impede airflow and lead to overheating.
- **Exterior Cleaning:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners.
- **Cable Check:** Ensure all internal cables remain securely connected and neatly routed.

8. TROUBLESHOOTING

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

- **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.
- **Fans Not Spinning:** Verify that the fan cables are securely connected to the motherboard fan headers or a fan controller. Check BIOS settings for fan speed control.
- **RGB Not Working:** Confirm RGB cables are connected to the correct motherboard headers or controller. Check your motherboard's RGB software for settings.
- **Overheating:** Ensure all fans are functioning correctly and oriented for optimal airflow. Clean any dust buildup from filters and components. Verify CPU cooler and GPU cooler installations.

For more complex issues, consult your component manuals or contact COUGAR support.

9. SPECIFICATIONS

Feature	Specification
Model Name	OmnyX
Model Number	CGR-2WA3B-RGB
Case Type	Mid Tower
Motherboard Support	Mini ITX / Micro ATX / ATX
Dimensions (D x W x H)	300 x 470 x 520 mm
3.5" Drive Bays	2

2.5" Drive Bays	2
CPU Cooler Height Limit	170mm
GPU Length Limit	380mm
PSU Length Limit	200mm
Pre-installed Fans	4 x 160mm
Front I/O Ports	4x USB 3.0 Type-A, 2x USB 3.2 Gen 2 Type-C
Weight	12.6 kg

10. WARRANTY AND SUPPORT

The COUGAR OmnyX PC Case comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and faulty components under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

For technical support, warranty claims, or further assistance, please visit the official COUGAR website or contact your local retailer.

COUGAR Official Website: www.cougar-gaming.com