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› [CORSAIR 4000D RS ARGB Frame Modular Mid-Tower ATX PC Case Instruction Manual](#)

Corsair CC-9011296-WW

CORSAIR 4000D RS ARGB Frame Modular Mid-Tower ATX PC Case Instruction Manual

Model: CC-9011296-WW

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your CORSAIR 4000D RS ARGB Frame Modular Mid-Tower ATX PC Case. Please read this manual thoroughly before beginning assembly to ensure proper setup and optimal performance.



Image 1.1: Front-left view of the CORSAIR 4000D RS ARGB PC Case.

2. KEY FEATURES

- **FRAME Modular Case System:** Allows for extensive customization and adaptability to evolving hardware needs.
- **3x CORSAIR RS ARGB PWM Fans:** Pre-installed high-performance fans with daisy-chainable 4-pin PWM

connections and +5V ARGB motherboard control.

- **CORSAIR InfiniRail Fan Mounting System:** Provides flexible fan and radiator placement on the front and roof.
- **3D Y-Pattern Airflow Panel:** Optimized steel front panel design for high airflow and minimal restriction.
- **Enhanced Compatibility:** Increased width and length for larger graphics cards and cooling solutions, including support for reverse connection motherboards.

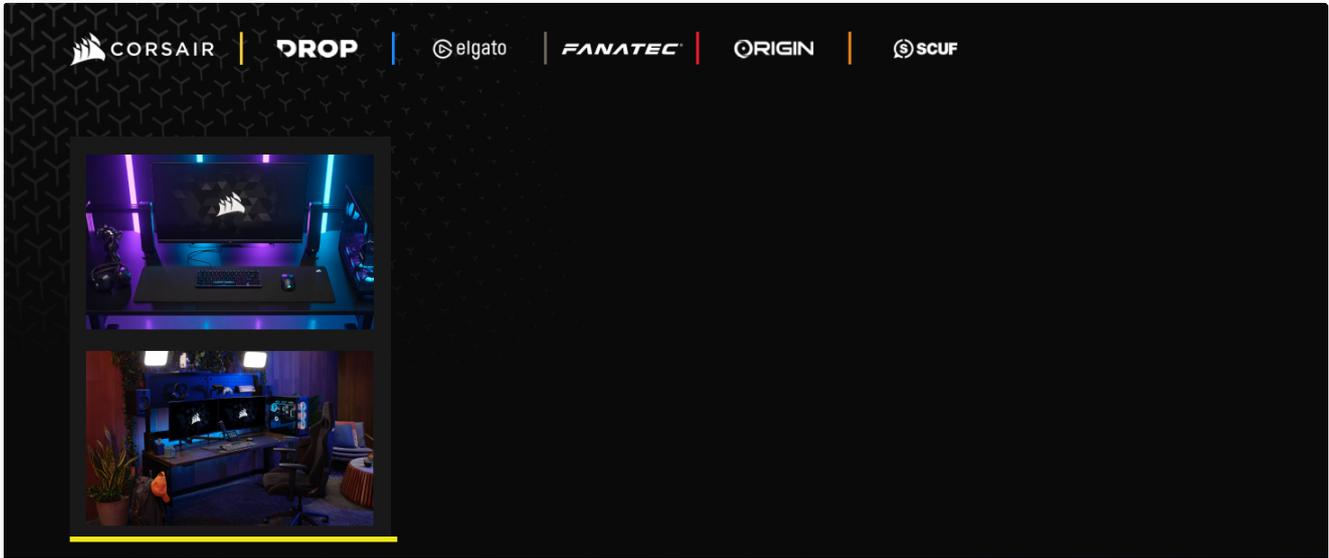


Image 2.1: Overview of the CORSAIR 4000D RS ARGB's modular design and internal features.

3. SETUP AND INSTALLATION

3.1. Unpacking and Initial Inspection

Carefully remove the PC case from its packaging. Inspect for any signs of damage during transit. Retain all packaging materials for future transport or warranty claims.

3.2. FRAME Modular Case System

The CORSAIR 4000D RS ARGB features a modular design, allowing various panels and components to be removed for easier installation and customization. Panels can be detached by unscrewing thumbscrews or releasing clips as indicated in the detailed assembly guide (not included in this general manual, refer to product-specific documentation for full disassembly instructions).

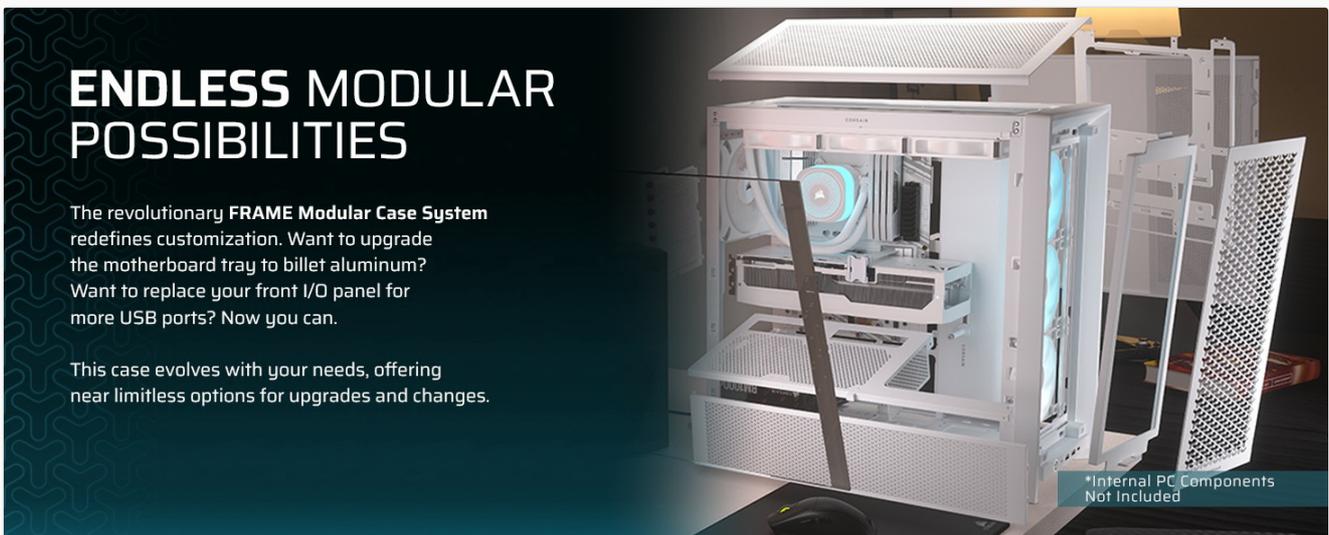


Image 3.1: The FRAME Modular Case System allows for extensive customization.

3.3. Fan and Radiator Installation (InfiniRail System)

The InfiniRail Fan Mounting System simplifies fan and radiator installation. This multi-point steel system allows you to slide fans up to 200mm (140mm in the roof) to your desired position for targeted airflow. The case supports dual 360mm radiators in the front, roof, and side positions.

- **Front:** Supports up to 3x 120mm, 2x 140mm, or 1x 200mm fans. Radiator compatibility: 360mm, 280mm, 240mm.
- **Roof:** Supports up to 3x 120mm or 2x 140mm fans. Radiator compatibility: 360mm, 280mm, 240mm.
- **Side:** Supports up to 3x 120mm or 2x 140mm fans. Radiator compatibility: 360mm, 280mm, 240mm.
- **Rear:** Supports 1x 120mm or 1x 140mm fan. Radiator compatibility: 140mm, 120mm.



Image 3.2: The InfiniRail system allows flexible fan and radiator mounting.

BUILD AND CHILL

DUAL 360mm RADIATOR SUPPORT

Boost your cooling with three dedicated mounting locations for 360mm radiators - front, roof, and side. You can mount up to 10x 120mm fans simultaneously, ensuring continuous cool air intake and efficient hot air exhaust.

| | COOLING LAYOUT | RADIATOR COMPATIBILITY |
|--------|--------------------------------|------------------------|
| FRONT | 3x 120mm / 2x 140mm / 2x 200mm | 360mm / 280mm / 240mm |
| TOP | 3x 120mm / 2x 140mm | 360mm / 280mm / 240mm |
| SIDE | 3x 120mm / 2x 140mm | 360mm / 280mm / 240mm |
| BOTTOM | 2x 120mm | N/A |
| REAR | 1x 120mm / 1x 140mm | 140mm / 120mm |

*Internal PC Components Not Included

Image 3.3: Radiator and fan compatibility diagram.

3.4. Motherboard and Component Installation

The case supports ATX motherboards and is designed for compatibility with reverse connection motherboards such as ASUS BTF, MSI Project Zero, and Gigabyte Project Stealth. It includes cable cutouts and tie-downs for organized cable management. An anti-sag stabilization arm is included to support large graphics cards.

FUTURE PROOF

GET IN THE FRAME

Ensure your build has excellent airflow with careful cable routing and support for the latest motherboards and graphics cards.

Every **CORSAIR FRAME 4000D** includes a **GPU Anti-sag Stabilization Arm** to keep your GPU steady, a **cable shroud** to keep unused and overly long cables out of sight and full **compatibility with reverse connector motherboards** from ASUS BTF, MSI Project Zero and Gigabyte Project Stealth.

SAG-FREE GRAPHICS CARD



CABLE SHROUD



NO VISIBLE CABLES

Image 3.4: GPU anti-sag stabilization arm and cable management features.

3.5. Front I/O Panel Connectivity

The front I/O panel provides convenient access to essential ports:

- Power Button
- 3.5mm Combo Audio Jack (Headphone/Microphone)
- 2x USB 3.2 Gen 1 Type-A Ports
- 1x USB 3.2 Gen 2 Type-C Port

VERSATILE CONNECTIVITY

MODERN FRONT PANEL I/O

Puts your connections within easy reach, including a **USB 3.2 Gen 2 Type-C Port**, **2x USB 3.2 Gen 1 Type-A ports**, and a combination **audio/microphone jack**.

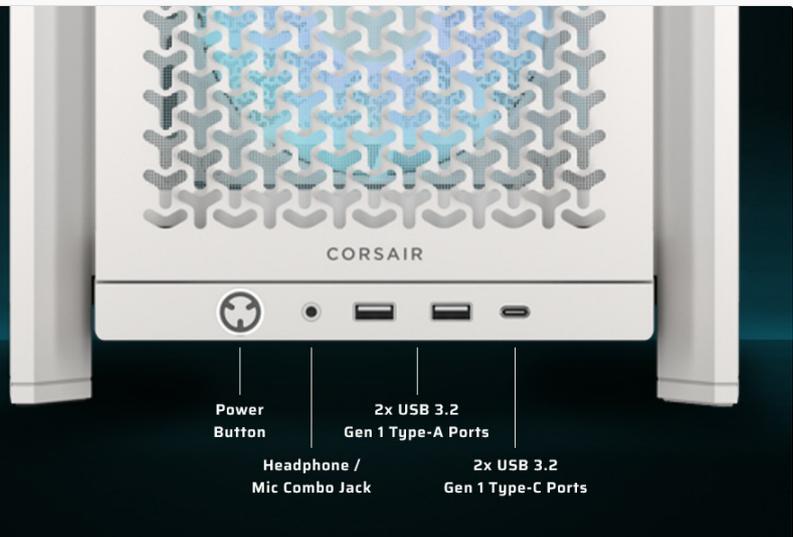


Image 3.5: Front I/O panel for versatile connectivity.

4. OPERATION

The CORSAIR 4000D RS ARGB is designed for optimal airflow, contributing to efficient cooling of internal components. The pre-installed RS ARGB PWM fans and the 3D Y-Pattern Airflow front panel work together to draw cool air into the system and exhaust hot air. Ensure all fans are properly connected and spinning freely for best performance.



Image 4.1: The 3D Y-Pattern Airflow Panel enhances cooling efficiency.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and performance of your PC case and its components.

- **Dust Filters:** The front panel features a removable dust filter. Periodically remove and clean this filter to prevent dust buildup and maintain optimal airflow.
- **Internal Cleaning:** With the system powered off and unplugged, use compressed air to remove dust from internal components and fan blades.
- **Exterior Cleaning:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents.

6. TROUBLESHOOTING

If you encounter issues with your PC case, consider the following general troubleshooting steps:

- **No Power:** Ensure all power supply connections to the motherboard and components are secure. Verify the front panel power button cable is correctly connected to the motherboard.
- **Poor Airflow/Overheating:** Check that all fans are spinning. Clean dust filters and internal components. Ensure no cables are obstructing airflow paths.
- **Front I/O Ports Not Working:** Verify that the USB and audio cables from the front panel are securely connected to the appropriate headers on your motherboard.
- **RGB Lighting Issues:** Ensure the ARGB fan cables are correctly connected to the motherboard's +5V ARGB header and that your motherboard's software is configured to control the lighting.

For more specific issues, consult your motherboard and component manuals, or contact CORSAIR customer support.

7. SPECIFICATIONS

| Feature | Specification |
|-------------------|-----------------------|
| Model Name | CORSAIR 4000D RS ARGB |
| Item Model Number | CC-9011296-WW |

| Feature | Specification |
|----------------------------|--|
| Case Type | Mid Tower |
| Motherboard Compatibility | ATX |
| Color | Black |
| Material | Alloy Steel, Aluminum |
| Item Weight | 18.04 pounds |
| Product Dimensions (LxWxH) | 19.17 x 9.41 x 19.13 inches |
| Number of USB 3.0 Ports | 3 (2x USB 3.2 Gen 1 Type-A, 1x USB 3.2 Gen 2 Type-C) |
| Pre-installed Fans | 3x CORSAIR RS ARGB PWM Fans |
| Cooling Method | Air |
| Maximum GPU Length | 430mm |

8. WARRANTY AND SUPPORT

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

CORSAIR Support: www.corsair.com/support