

Corsair 200R

Corsair Carbide 200R Compact ATX Case User Manual

Model: 200R | Brand: Corsair

1. PRODUCT OVERVIEW

The Corsair Carbide Series 200R is a compact mid-tower ATX case designed for building high-performance systems. It offers ample space for storage, graphics cards, and provides superior cooling and ventilation. The design emphasizes ease of assembly with tool-less features for most components.

2. KEY FEATURES

- Compact mid-tower form factor for expandability.
- Seven PCIe slots with thumbscrews, supporting graphics cards up to 430mm long (300mm with drive cage).
- Tool-less installation for up to four hard drives and four SSDs.
- Eight fan mounting points for extensive cooling configurations.
- Front intake dust filter to maintain interior cleanliness.
- Easy connectivity with front panel USB 3.0, headphone, and microphone ports.

3. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Corsair
Model Name	200R
Case Type	Mid-Tower
Motherboard Compatibility	ATX, Mini-ITX
Total Expansion Slots	7

Internal Drive Bays	8 (4x 3.5-inch, 4x 2.5-inch)
Front USB Ports	2x USB 3.0
Front Audio Ports	Headphone, Microphone
Fan Support	Up to 8 fans (120mm/140mm options)
Included Fans	2x 120mm (non-LED)
Max GPU Length	430mm (300mm with drive cage)
Item Weight	6.05 Kilograms

4. SETUP AND INSTALLATION

4.1 Opening the Case

The side panels are secured with thumbscrews for easy access to the interior. Remove the thumbscrews and slide the panels off to begin installation.



Figure 1: Internal layout of the Carbine 200R, highlighting the spacious interior for component installation.

4.2 Motherboard Installation

Install your ATX or Mini-ITX motherboard using the provided standoffs and screws. This is the only step that typically requires a screwdriver.

4.3 Drive Installation

The 5.25-inch, 3.5-inch, and 2.5-inch drive bays feature tool-less installation mechanisms. Simply slide your drives into the appropriate bays until they click into place.



Figure 2: Front panel connectivity and top ventilation of the Carbide 200R.

4.4 Expansion Card Installation

The case provides seven PCIe expansion slots with thumbscrews for easy, tool-less installation of graphics cards and other expansion cards. Ensure your graphics card length is compatible with the available space (up to 430mm, or 300mm if the drive cage is occupied).







Figure 3: Rear panel of the Carbide 200R, illustrating expansion slots and fan mount.

4.5 Fan and Cooling System Installation

The Carbide 200R supports up to eight fans, including two pre-installed 120mm fans. Additional fan mounting points are available on the top, side, and bottom. The case is also compatible with water cooling solutions.

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Video 1: An overview of the Corsair Carbide 200R case, demonstrating its features and ease of assembly, including tool-less side panels, expansion slots, and fan support.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the power button located on the front panel to turn your system on or off. A reset button is also available for system restarts.

5.2 Front Panel Connectivity

Utilize the two USB 3.0 ports on the front panel for high-speed data transfer. The headphone and microphone jacks allow for convenient audio input and output.

6. MAINTENANCE

6.1 Dust Filter Cleaning

The front intake features a dust filter to prevent dust accumulation inside the case. Regularly remove and clean this filter to maintain optimal airflow and cooling performance. The filter can be gently brushed or rinsed with water (ensure it is completely dry before reinstallation).

6.2 General Cleaning

Periodically clean the exterior of the case with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the finish. For interior cleaning, use compressed air to remove dust from components and fan blades.

7. TROUBLESHOOTING

7.1 System Not Powering On

- Ensure all power cables are securely connected to the power supply, motherboard, and components.
- Verify that the power supply switch is in the 'ON' position.
- Check front panel header connections to the motherboard (power switch, reset switch).

7.2 Overheating Issues

- Ensure all case fans are properly installed and functioning.
- Clean dust filters and internal components to improve airflow.

- Verify that CPU and GPU coolers are correctly seated and making proper contact.

7.3 USB Ports Not Functioning

- Check the internal USB 3.0 header connection from the front panel to the motherboard.
- Ensure motherboard drivers are up to date.

For further assistance, refer to your motherboard manual or contact Corsair support.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This product comes with a 2-year warranty from the date of purchase. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance or customer service, please contact Corsair support at 1-888-222-4346 opt. 1. You can also visit the official Corsair website for additional resources and FAQs.