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## Corsair CC-9011135-WW

# CORSAIR CRYSTAL 280X RGB Micro-ATX Case User Manual

Model: CC-9011135-WW | Brand: Corsair

## 1. INTRODUCTION

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### Product Overview

The CORSAIR Crystal Series 280X RGB is a high-performance Micro-ATX case designed for showcasing your PC's internal components with its three tempered glass panels. It features an innovative dual-chamber internal layout for efficient cable management and clean aesthetics. The case offers extensive cooling potential and includes two pre-installed LL120 RGB fans with customizable lighting controlled via CORSAIR iCUE software.

### Key Features

- Massive cooling potential with room for up to six 120mm cooling fans, or multiple 240mm radiators.
- Two included CORSAIR LL120 RGB fans with 32 individually customizable LEDs, controlled by an included Lighting Node PRO digital RGB lighting controller and CORSAIR iCUE software.
- Three stunning tempered glass panels (front, top, side) to display your system.
- A dual-chamber layout for separating core hardware from drives, cables, and the PSU.
- Dedicated storage compartment for up to two 3.5" drives and three 2.5" drives.

## 2. SETUP AND INSTALLATION

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### Unpacking the Case

Carefully remove the CORSAIR Crystal 280X RGB case from its packaging. Ensure all components listed below are present:

- Crystal 280X RGB Case
- Quick Start Guide
- Accessory Box (containing screws, zip ties, etc.)

### Component Installation Overview

The dual-chamber design of the 280X RGB simplifies installation by separating the main components from the

power supply and storage drives. This allows for a cleaner build and improved airflow.



Figure 2.1: Overall view of the CORSAIR Crystal 280X RGB case.

### **Power Supply and Storage Installation**

The power supply unit (PSU) and storage drives are installed in the rear compartment of the case. This compartment supports full-size ATX power supplies and includes dedicated bays for drives.



Figure 2.2: Rear compartment with hot-swappable hard drive trays for 2.5" and 3.5" drives.

To access the drive bays, remove the small door above the power supply mount. The case features two hot-swappable hard drive trays supporting both 2.5-inch and 3.5-inch drives, and an additional smaller cage supporting three 2.5-inch drives.

### **Motherboard and Graphics Card Installation**

The main compartment houses the motherboard and graphics card. This area is designed to be very open, allowing for easy installation and showcasing of your components.



Figure 2.3: Main compartment with ample space for motherboard and GPU installation.

The case supports Micro-ATX motherboards. Graphics cards up to 300mm in length can be installed, even with a fan mounted in the front. The expansion slots feature a tool-less mounting system for convenience.

### Video Guide: Corsair Crystal 280X RGB Overview

Video 2.1: An official overview of the Corsair Crystal 280X RGB case, demonstrating its features and internal layout.

## 3. OPERATION

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## Front Panel Connectivity

The front panel I/O is conveniently located on the top right side of the case, providing easy access to essential ports and controls.

# FLEXIBLE STORAGE SPACE

Dedicated storage compartment for up to two 3.5" drives and three 2.5" drives.



Figure 3.1: Front panel I/O with USB 3.0 ports, HD audio jacks, power, and reset buttons.

The front panel includes:

- Two USB 3.0 ports for high-speed data transfer.
- HD audio connections (headphone and microphone jacks).
- A large power button.

- A smaller reset button.

## **RGB Lighting Control**

The included CORSAIR LL120 RGB fans feature individually customizable LEDs. These are controlled by the pre-installed Lighting Node PRO digital RGB lighting controller, which is located in the rear compartment of the case. To manage and synchronize the lighting effects, download and install the CORSAIR iCUE software from the official Corsair website. The Lighting Node PRO supports up to six fans, allowing for future expansion of your RGB setup.

## **4. MAINTENANCE**

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### **Cleaning and Dust Management**

To maintain optimal performance and aesthetics, regular cleaning of your case is recommended. The CORSAIR Crystal 280X RGB features magnetic dust filters for easy removal and cleaning.

# DUAL-CHAMBER INTERNAL LAYOUT

Highlight your PC's core components whilst tidying cables, drives and PSU in a dedicated rear chamber.



Figure 4.1: Front panel with visible RGB fans and magnetic dust filter.

The front panel's tempered glass section is fixed, but the underlying magnetic filter can be easily removed for cleaning. Similarly, the top panel's tempered glass is removable via four thumbscrews, revealing another magnetic filter underneath. The bottom of the case also features a ventilated section with a magnetic removable filter.



Figure 4.2: Bottom ventilated section with removable magnetic dust filter.

Regularly remove and clean these filters with water and mild soap, or a soft brush, to prevent dust buildup and ensure proper airflow.

### **Airflow and Cooling Configuration**

The case is designed for excellent airflow. The tempered glass panels are slightly offset from the chassis to allow for air intake and exhaust. The case supports various cooling configurations:

- **Front:** Up to two 120mm or 140mm fans, or radiators up to 280mm.
- **Top:** Up to two 120mm or 140mm fans, or radiators up to 280mm. The entire top section can be removed for easier installation of fans or water cooling components.
- **Bottom:** One 120mm or 140mm fan to cool the back section.

# MASSIVE COOLING, SMALL CASE

Room for up to six 120mm/140mm cooling fans, or a 280mm radiator in the roof, 240mm radiator in the front, or 240mm radiator in the floor.



Figure 4.3: Diagram illustrating the extensive cooling options and radiator support.

## 5. TROUBLESHOOTING

### Common Issues and Solutions

- **System Not Powering On:** Ensure all power cables (24-pin ATX, 8-pin CPU, GPU power) are securely connected to the motherboard, graphics card, and power supply. Verify the power supply switch is in the 'ON' position. Check front panel header connections to the motherboard.
- **Fans Not Spinning/RGB Not Working:** Confirm that the LL120 RGB fans are correctly connected to the Lighting Node PRO controller and that the controller is powered via SATA and connected to a USB header on the motherboard. Ensure CORSAIR iCUE software is installed and running.
- **Overheating Components:** Verify that all fans are spinning correctly and oriented for proper airflow (intake/exhaust). Ensure dust filters are clean and not obstructing airflow. Consider adding additional fans or upgrading to a liquid cooling solution if temperatures remain high.
- **No Display Output:** Check that the graphics card is fully seated in its PCIe slot and that the display cable is securely connected to both the graphics card and the monitor. If using integrated graphics, ensure the display cable is connected to the motherboard's video output.

## 6. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Corsair
Model Name	280X
Item Model Number	CC-9011135-WW
Case Type	Micro-ATX Mini-Tower
Dimensions (LxWxH)	15.67 x 10.87 x 13.82 inches
Item Weight	15.93 pounds
Material	Alloy steel, Tempered Glass
Motherboard Compatibility	Micro-ATX, Mini-ITX
USB 3.0 Ports	2
Cooling Method	Air
Power Supply Mounting Type	Bottom Mount

## 7. WARRANTY AND SUPPORT

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### Warranty Information

Specific warranty details for your CORSAIR Crystal 280X RGB case are typically provided with your purchase documentation or can be found on the official Corsair website. Corsair generally offers a limited warranty covering defects in materials and workmanship. Extended protection plans may also be available for purchase.

### Additional Resources

For further assistance, detailed installation guides, and driver downloads, please refer to the following resources:

- [Official Installation Manual \(PDF\)](#)
- [Visit the Official Corsair Store on Amazon](#)