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Corsair CW-9060094-WW

CORSAIR Nautilus 240 RS ARGB Liquid CPU Cooler

MODEL: CW-9060094-WW

Introduction

The CORSAIR Nautilus 240 RS ARGB Liquid CPU Cooler is an all-in-one (AIO) solution designed to provide high-performance, low-noise cooling for your CPU. Engineered for efficiency and ease of use, it features direct motherboard connectivity, eliminating the need for additional controllers. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and longevity of your cooler.

Key Features

- **Simple, High-Performance All-in-One CPU Cooling:** Renowned CORSAIR engineering delivers strong, low-noise cooling that helps your CPU reach its full potential.
- **Efficient, Low-Noise Pump:** Keeps your coolant circulating at a high flow rate while generating a whisper-quiet 20 dBA.
- **Convex Cold Plate with Pre-Applied Thermal Paste:** The slightly convex shape ensures maximum contact with your CPU's integrated heat spreader, with thermal paste applied in an optimized pattern to speed up installation.
- **RS120 ARGB Fans:** RS ARGB fans create strong airflow and high static pressure, with easy ARGB control via a compatible motherboard. CORSAIR AirGuide technology and Magnetic Dome bearings ensure great cooling performance and low noise.
- **Easy Daisy-Chained Connections:** Reduce the wiring in your system by daisy-chaining your RS ARGB fans and connecting them to just one 4-pin PWM fan header and one +5V ARGB header.
- **Wide Compatibility:** Compatible with Intel LGA 1851, LGA 1700, and AMD AM5, AM4 sockets.

Setup and Installation

The CORSAIR Nautilus 240 RS ARGB Liquid CPU Cooler is designed for straightforward installation, minimizing cable clutter with its daisy-chainable connections.

1. Component Overview

Before beginning installation, ensure all components are present. The package includes the radiator with pre-attached fans, the pump/cold plate assembly, and various mounting hardware for Intel and AMD platforms.

DAISY-CHAINED CONNECTIONS

Reduce wiring by daisy-chaining your RS ARGB fans and connecting them to a single 4-pin PWM fan header on your motherboard.

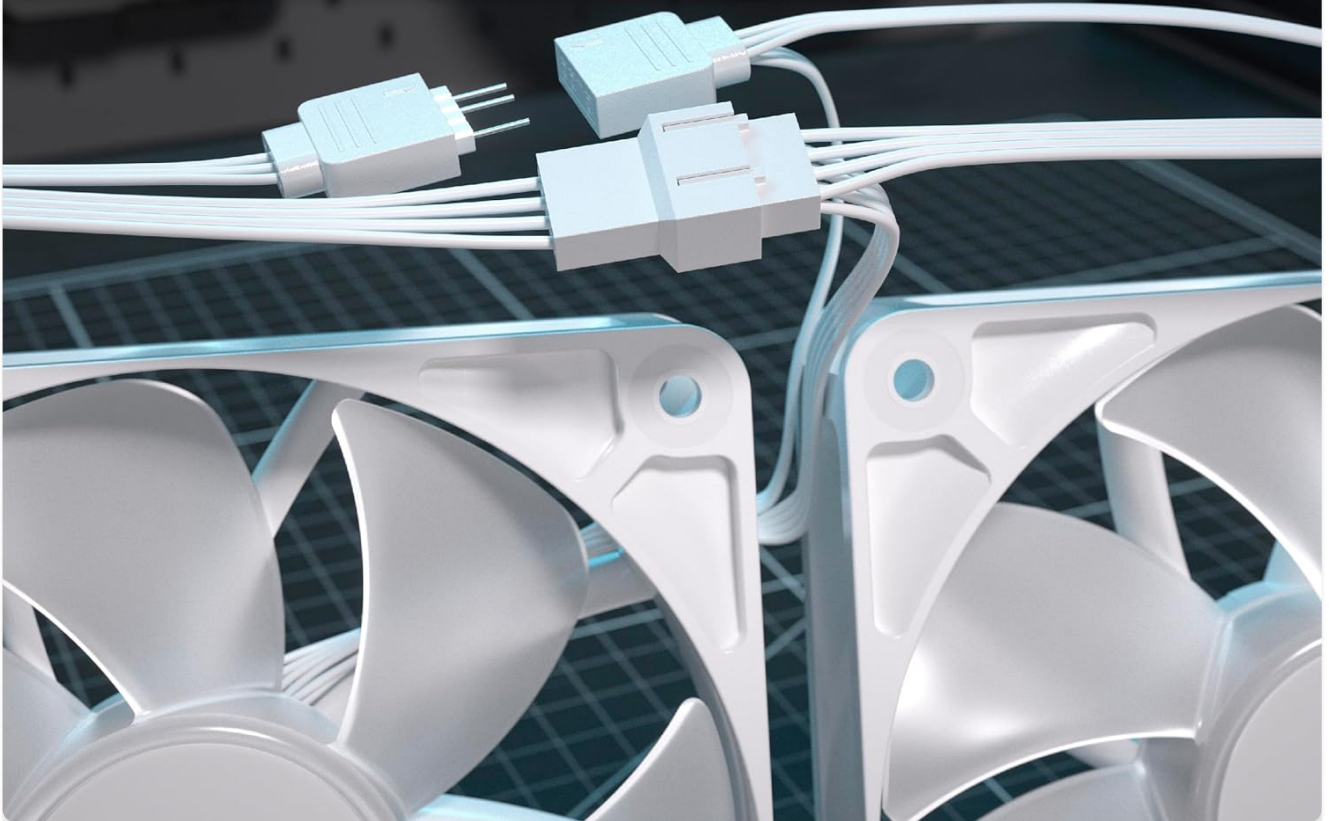


Image: All components of the CORSAIR Nautilus 240 RS ARGB Liquid CPU Cooler laid out.

2. Fan and Pump Connections

The RS ARGB fans and pump are designed for easy daisy-chaining, simplifying cable management. Connect the power and ARGB connectors from one fan to the next. The final fan in the chain, along with the pump, will then connect directly to your motherboard.

LOW-NOISE COOLING

The efficient, low-noise pump keeps coolant circulating at a high flow rate while producing only a whisper-quiet 20 dBA.

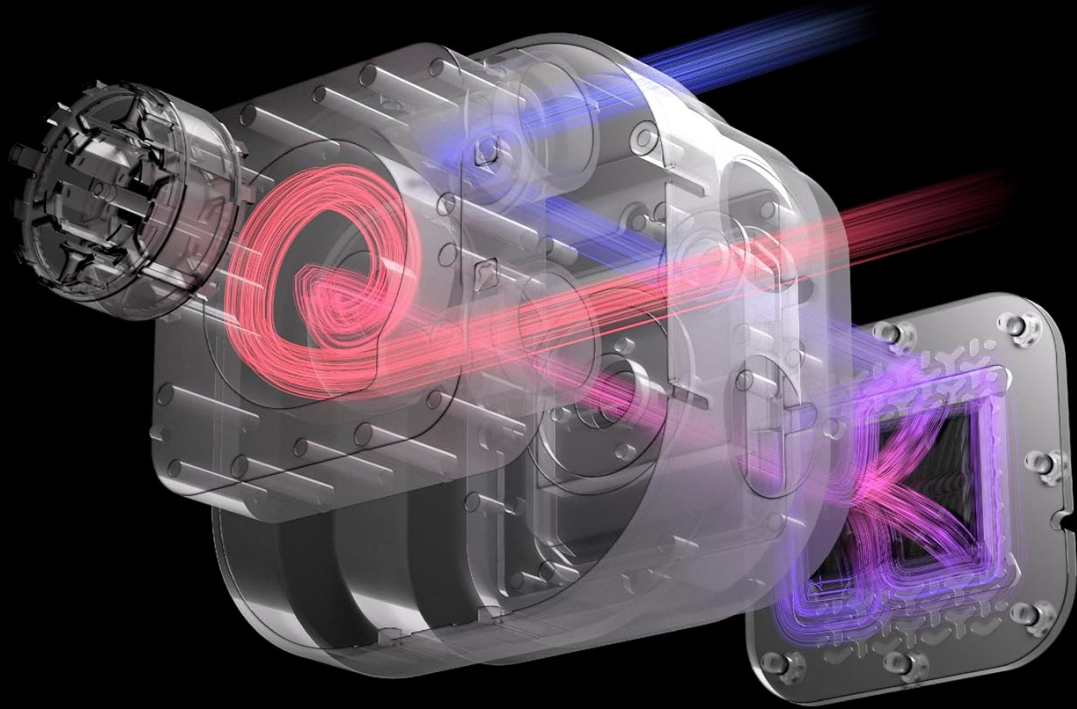
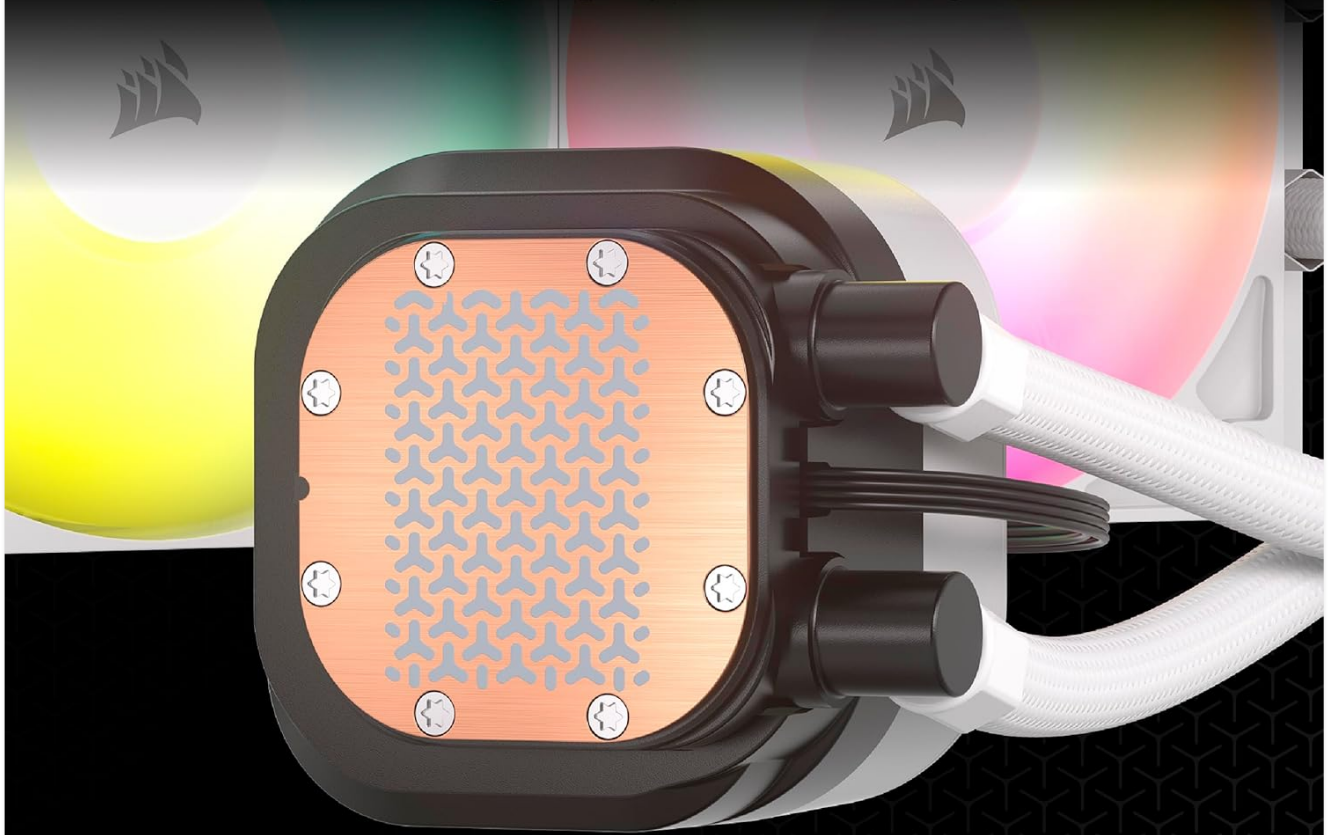


Image: Close-up of daisy-chained fan connections for CORSAIR RS ARGB fans. This system reduces the number of cables needed for your build.

The pump features pre-applied thermal paste on its slightly convex cold plate, ensuring optimal contact with your CPU's integrated heat spreader for superior thermal transfer. The pump also has its own power and ARGB connectors.

STREAMLINED SETUP

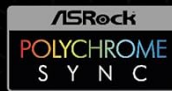
Pre-applied thermal paste and optimized CPU contact, combined with simple ARGB lighting support, ensure easy installation.



Compatible with:



MYSTIC LIGHT



Compatible with optional iCUE controller, sold separately.

Image: Close-up of the CORSAIR Nautilus cold plate with pre-applied thermal paste and connection points, highlighting its streamlined setup.

You will connect the daisy-chained ARGB cable from the fans to the pump's ARGB connector, and then connect the pump's power cable to the AIO pump header on your motherboard. This direct motherboard connection allows for control via your motherboard's BIOS and compatible RGB software, eliminating the need for separate Corsair controllers.

3. Mounting the Cooler

The cooler can be mounted in various configurations within your PC case, such as top-mounted as an exhaust or side-mounted as an intake. The flexible tubing allows for versatile placement, even accommodating four sticks of RAM without interference when the tubes are positioned on the right side.

CORSAIR NAUTILUS RS ARGB LIQUID CPU COOLER

Renowned CORSAIR engineering delivers high-performance, low-noise cooling that helps your CPU reach its full potential.

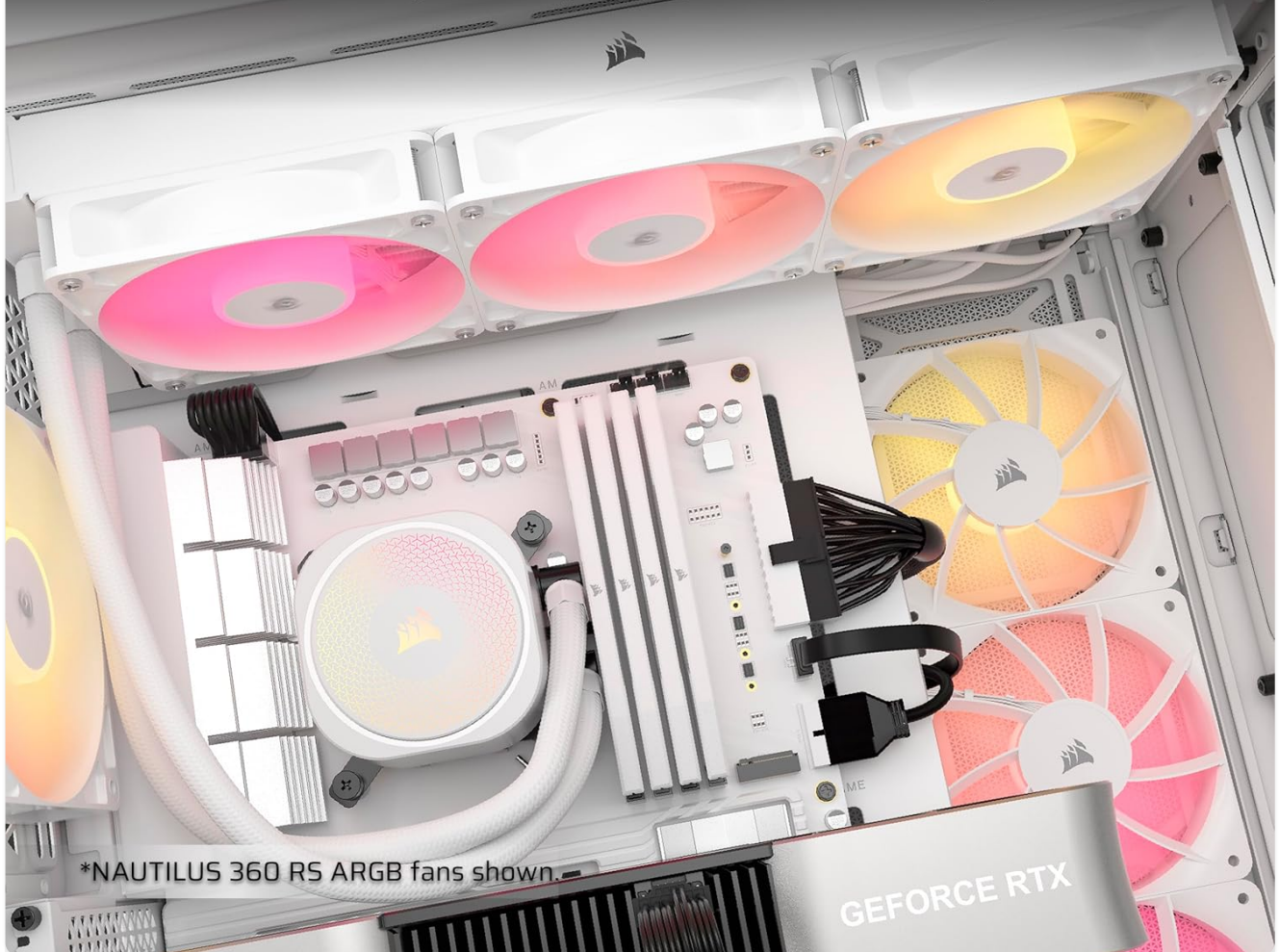


Image: The CORSAIR Nautilus 240 RS ARGB Liquid CPU Cooler installed in a PC case, demonstrating its aesthetic and cooling capabilities.

Operating the Cooler

The CORSAIR Nautilus 240 RS ARGB Liquid CPU Cooler offers intuitive control over its performance and lighting directly through your motherboard.

Fan and Pump Speed Control

Precise cooling control is achieved via a 4-pin PWM fan header on your motherboard. You can manage the fan speeds (420-2,100 RPM) and pump speed through your motherboard's BIOS settings. This allows you to optimize for either maximum cooling performance or whisper-quiet operation, with support for Zero RPM mode at low temperatures to eliminate fan noise completely.

RGB Lighting Control

The eight RGB LEDs on the pump head and each RS120 ARGB fan can be controlled through your compatible motherboard's ARGB software. This allows for easy customization of lighting effects and colors to match your

system's aesthetic. For users seeking more advanced control and customization options, an optional iCUE controller (sold separately) can be integrated.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your CORSAIR Nautilus Liquid CPU Cooler.

- **Dust Cleaning:** Periodically clean dust from the radiator fins and fan blades using compressed air. Ensure the fans are not spinning during cleaning to prevent damage.
- **Check Connections:** Ensure all power and ARGB connections remain secure and free from obstruction.
- **Inspect Tubing:** Visually inspect the tubing for any signs of kinks, leaks, or damage.

Troubleshooting

If you encounter issues with your CORSAIR Nautilus Liquid CPU Cooler, consider the following common troubleshooting steps:

- **No Power/RGB:** Verify all power cables are securely connected to the motherboard and power supply. Check ARGB connections for proper daisy-chaining and motherboard header connection.
- **High CPU Temperatures:** Ensure the pump is properly seated on the CPU and the mounting screws are tightened evenly. Confirm fans are spinning and oriented correctly for airflow (intake/exhaust as desired). Check BIOS settings for fan and pump speed control.
- **Unusual Noise:** Inspect fans for any obstructions. Check pump for unusual noises; if persistent, ensure proper mounting and liquid circulation.
- **Software Issues:** If using motherboard software for control, ensure it is up-to-date. If using an optional iCUE controller, ensure iCUE software is updated.

Specifications

Attribute	Value
Brand	Corsair
Power Connector Type	4-Pin
Voltage	12 Volts
Cooling Method	Water
Compatible Devices	Desktop
Noise Level	36 dB
UPC	840006687580
Manufacturer	Corsair
Number of Items	1

Product Dimensions	10.87 x 4.72 x 1.06 inches
Item Weight	2.87 pounds
ASIN	B0DF79W2TS
Item model number	CW-9060094-WW
Date First Available	November 4, 2024

Warranty and Support

The CORSAIR Nautilus 240 RS ARGB Liquid CPU Cooler comes with a 5-year warranty from the date of purchase, ensuring long-term reliability and peace of mind.

For further assistance, detailed FAQs, and the latest drivers or software updates, please visit the official Corsair support website. You can also find additional resources and community forums for troubleshooting and tips.

[Visit Corsair Support](#)