

Corsair CW-9061034-WW

CORSAIR Nautilus 360 RS LCD Liquid CPU Cooler Instruction Manual

Model: CW-9061034-WW | Brand: Corsair

1. INTRODUCTION

The CORSAIR Nautilus 360 RS LCD Liquid CPU Cooler delivers efficient, low-noise cooling for your CPU while offering a vibrant 2.1-inch IPS LCD screen for customization. This All-In-One (AIO) liquid cooler is designed for high-performance systems, ensuring optimal thermal transfer and quiet operation. This manual provides essential information for installation, operation, maintenance, and troubleshooting.



Figure 1: CORSAIR Nautilus 360 RS LCD Liquid CPU Cooler (White)

2. KEY FEATURES

- 2.1" IPS LCD Screen:** Customizable display for temperatures, GIFs, or custom images via iCUE Software.
- Efficient, Low-Noise Pump:** Maintains high coolant flow at a quiet 20 dBA.
- Convex Cold Plate with Pre-Applied Thermal Paste:** Ensures superior thermal transfer and simplifies installation.

- **3x RS120 Fans:** High static pressure fans with CORSAIR AirGuide technology and Magnetic Dome bearings for efficient, low-noise cooling (10 - 36 dB(A)).
- **Daisy-Chain Connections:** Minimizes cable clutter for a cleaner build.
- **Wide Compatibility:** Supports Intel LGA 1851/1700 and AMD AM5/AM4 platforms.

3. SETUP AND INSTALLATION

Follow these steps for proper installation of your CORSAIR Nautilus 360 RS LCD Liquid CPU Cooler.

3.1. Package Contents

Ensure all components are present before beginning installation:

- CORSAIR NAUTILUS 360 RS LCD Liquid CPU Cooler (Radiator, Pump/Cold Plate with LCD, Tubing)
- 3x RS120 Fans
- Mounting Kit for Intel & AMD CPU Sockets (Brackets, Standoffs, Screws, Nuts)
- PWM Extension Cable
- Fan and Radiator Mounting Screws
- Warranty & Safety Leaflet

WIDE COMPATIBILITY

Design for the latest Intel® LGA 1851 and LGA 1700 motherboards as well as AMD® AM5/AM4 platforms.

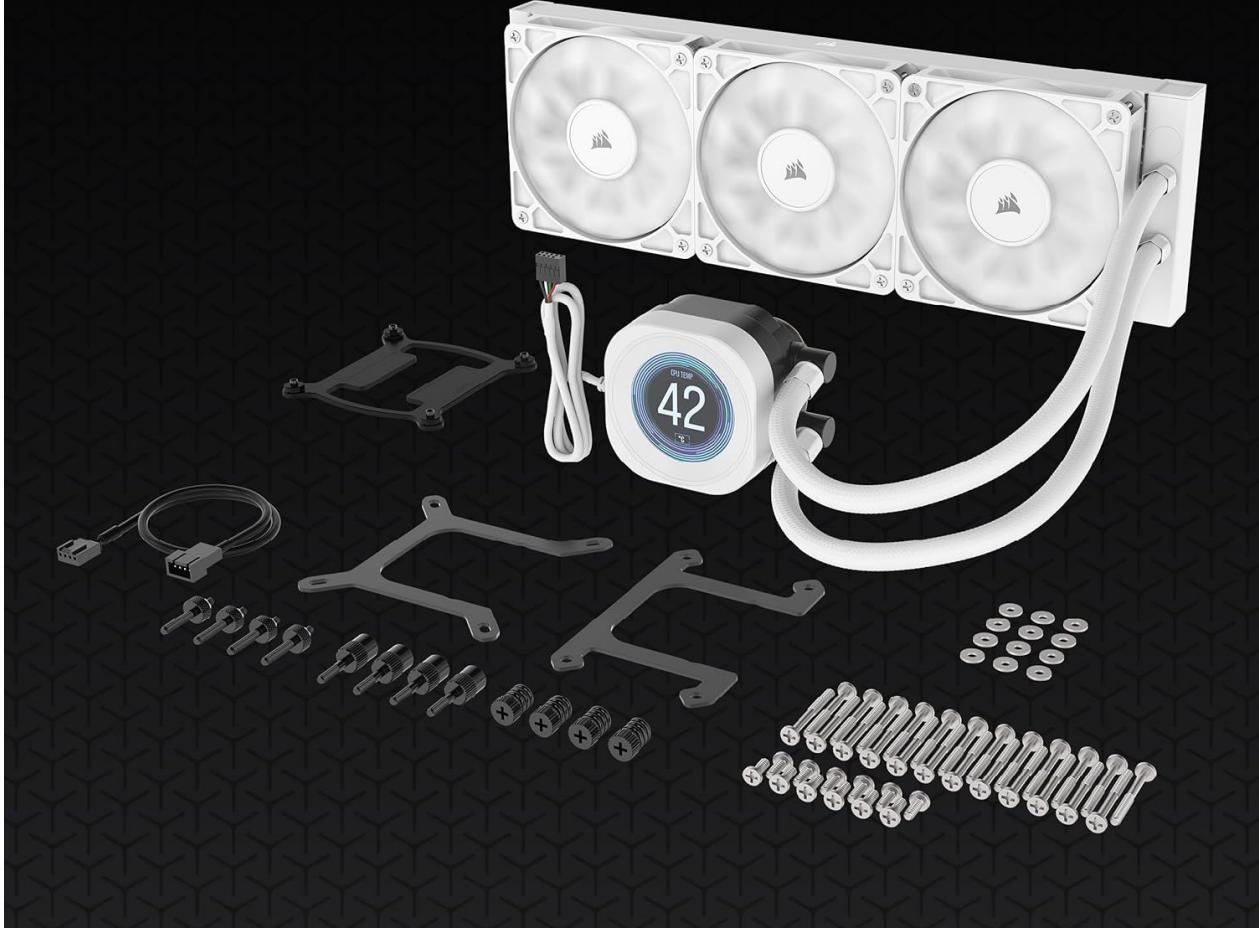


Figure 2: Included Components

3.2. Motherboard Preparation

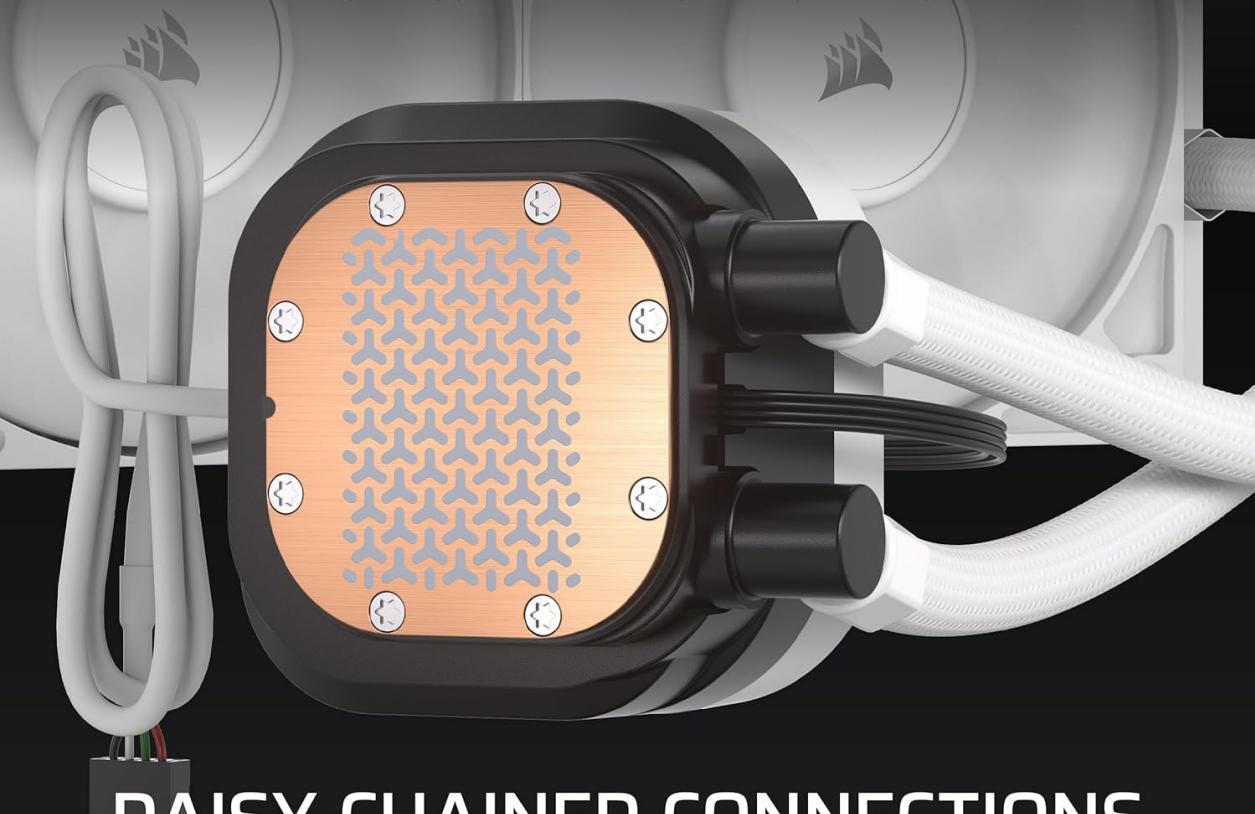
1. **For AMD AM5/AM4:** Remove the motherboard's plastic retention brackets around the CPU socket. Keep the original backplate.
2. **For Intel LGA 1851/1700:** Use the provided Intel backplate. Adjust the mounting hole position on the backplate to match your CPU socket (e.g., 1700).

3.3. Waterblock Installation

1. Install the appropriate standoffs onto the motherboard's CPU socket holes.
2. Attach the correct mounting brackets (Intel or AMD) to the standoffs using the provided screws. Ensure they are finger-tight.
3. Remove the protective sticker from the cold plate of the waterblock.
4. Carefully place the waterblock onto the CPU, aligning the bracket nuts with the screws on the mounting brackets.
5. Tighten the screws on the waterblock bracket in a diagonal pattern until secure, ensuring even mounting pressure.

SPEEDY SETUP, PERFECT FIT

The subtly-convex base of the pump head ensures maximum CPU contact, while pre-applied thermal paste speeds up installation.



DAISY-CHAINED CONNECTIONS

Minimize cable clutter by daisy chaining your RS fans to a single 4-pin PWM header on your motherboard.

Figure 3: Cold Plate and Daisy-Chain Connections

3.4. Radiator and Fan Installation

1. Mount the RS120 fans to the radiator using the long fan screws. Ensure the fan airflow direction is as desired (typically intake or exhaust from the case).
2. Mount the radiator assembly to your PC case in the desired location (e.g., top, front).

3x 120mm RS SERIES FANS

High static pressure RS fans push air efficiently through the radiator, while PWM support puts you in control.



Figure 4: RS120 Fan with AirGuide Technology

3.5. Cable Connections

1. Connect the pump power cable to the CPU_OPT or AIO_PUMP header on your motherboard.
2. Connect the fan PWM cables to the fan splitter cable.
3. Connect the fan splitter cable to a CPU_FAN header on your motherboard to power the fans and enable PWM control.
4. Connect the USB cable from the waterblock to an available USB 2.0 header on your motherboard. This is essential for iCUE software control and LCD functionality.

Video 1: CORSAIR RS-R ARGB Fans Video Trailer. This video showcases the visual effects and features of CORSAIR RS-R ARGB fans, which are similar to the RS120 fans included with this cooler.

Video 2: CORSAIR iCUE LINK TITAN RX RGB AIO Trailer. This video demonstrates the iCUE LINK ecosystem and RGB capabilities of a related CORSAIR AIO cooler, providing insight into the brand's lighting and control features.

4. OPERATING INSTRUCTIONS

4.1. iCUE Software Control

The CORSAIR Nautilus 360 RS LCD Liquid CPU Cooler is fully controllable via CORSAIR's iCUE software. Download and install the latest version of iCUE from the official CORSAIR website.

- **LCD Customization:** Use iCUE to display CPU/GPU temperatures, fan speeds, pump RPM, animated GIFs, or custom images on the 2.1-inch IPS LCD screen.
- **Cooling Profiles:** Create and manage custom fan and pump speed profiles to balance performance and noise levels.
- **Monitoring:** Monitor system vitals in real-time through the iCUE dashboard.



Figure 5: iCUE Software for LCD Control and Customization

4.2. Fan Speed Control (PWM)

The RS120 fans support PWM (Pulse Width Modulation) control, allowing for precise adjustment of fan speeds. This enables the system to automatically adapt fan speeds based on CPU temperature, optimizing for either quiet operation or maximum cooling performance.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your liquid CPU cooler.

- **Radiator Cleaning:** Periodically clean dust from the radiator fins using compressed air. Ensure the system is powered off before cleaning.
- **Fan Cleaning:** Gently wipe fan blades with a soft, dry cloth to remove dust buildup.
- **Tubing Inspection:** Check tubing for any signs of kinks, leaks, or damage.
- **Coolant:** The AIO cooler is a sealed unit and does not require coolant refills or maintenance.

6. TROUBLESHOOTING

- **High CPU Temperatures:**

- Ensure the waterblock is securely mounted to the CPU with adequate pressure.
- Verify that the pump power cable is correctly connected to the motherboard's AIO_PUMP or CPU_OPT header.
- Check fan connections and ensure they are spinning. Adjust fan curves in iCUE for higher performance if needed.
- Clean any dust buildup on the radiator fins.

- **Fans Not Spinning or Loud:**

- Confirm fan cables are properly connected to the splitter and the splitter to the CPU_FAN header.
- Check fan speed settings in iCUE. Adjust to a quieter profile if noise is an issue.
- Inspect fans for any obstructions.

- **LCD Screen Not Displaying:**

- Ensure the USB cable from the waterblock is securely connected to a USB 2.0 header on the motherboard.
- Verify iCUE software is installed and running.
- Check for any driver updates for the cooler or iCUE software.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	396mm L x 120mm W x 27mm H (15.59" L x 4.72" W x 1.06" H)
Brand	Corsair
Power Connector Type	4-Pin (PWM)
Cooling Method	Water
Compatible Devices	Desktop
Noise Level	20 Decibels (Pump), 10 - 36 dB(A) (Fans)
Material	Plastic, Metal, Glass

Feature	Specification
Maximum Rotational Speed	2100 RPM (Fans)
UPC	840440400363
Item Model Number	CW-9061034-WW
Item Weight	3.51 pounds
Color	White
Coldplate Material	Copper
Radiator Material	Aluminum
Tubing Length	450mm
Tubing Material	White Sleeved Low-Permeation Rubber
Cooling Socket Support	AMD: AM5, AM4 Intel: 1851, 1700

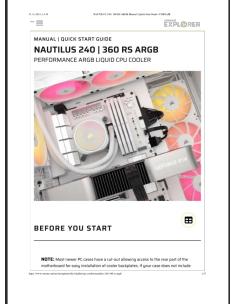
8. WARRANTY AND SUPPORT

The CORSAIR Nautilus 360 RS LCD Liquid CPU Cooler comes with a manufacturer's warranty. Please refer to the included Warranty & Safety Leaflet for specific terms and conditions.

For technical support, driver downloads, or further assistance, please visit the official Corsair support website or contact their customer service.

- **Corsair Support Website:** www.corsair.com/support

Related Documents - CW-9061034-WW

	<p>CORSAIR NAUTILUS 240/360 RS ARGB Liquid CPU Cooler Installation Guide</p> <p>Comprehensive quick start guide for installing the CORSAIR NAUTILUS 240 and NAUTILUS 360 RS ARGB liquid CPU coolers. Includes hardware identification, Intel and AMD installation steps, and FAQs.</p>
	<p>Corsair Nautilus 240 / 360 RS ARGB Liquid CPU Cooler - Quick Start Guide</p> <p>A comprehensive quick start guide for the Corsair Nautilus 240 and 360 RS ARGB liquid CPU coolers, detailing installation steps for both Intel and AMD platforms, included hardware, and setup.</p>

 <p>iCUE H100i H150i H170i ELITE LCD XT EXTREME PERFORMANCE LCD LIQUID CPU COOLER</p> 	<p>CORSAIR iCUE H100i/H150i/H170i ELITE LCD XT Liquid CPU Cooler Installation Guide</p> <p>Comprehensive installation guide for the CORSAIR iCUE H100i, H150i, and H170i ELITE LCD XT Extreme Performance LCD Liquid CPU Coolers. Includes hardware lists, step-by-step installation instructions for Intel and AMD platforms, connectivity details, and FAQ.</p>
 <p>CORSAIR H55 RGB H100 RGB H150 RGB Performance RGB Liquid CPU Cooler</p>	<p>Corsair H55, H100, H150 RGB Performance Liquid CPU Cooler Installation Guide</p> <p>Comprehensive installation guide for Corsair H55, H100, and H150 RGB liquid CPU coolers. Covers included hardware for Intel and AMD, step-by-step installation instructions, pump and fan mounting, RGB connectivity, and frequently asked questions.</p>
<p>iCUE ELITE LCD H100i H150i H170i EXTREME PERFORMANCE LCD LIQUID CPU COOLER</p> 	<p>CORSAIR iCUE ELITE LCD H100i, H150i, H170i Liquid CPU Cooler Installation Guide</p> <p>This guide provides detailed instructions for installing the CORSAIR iCUE ELITE LCD series liquid CPU coolers, including models H100i, H150i, and H170i. It covers hardware compatibility for Intel and AMD sockets (AM4, sTRX4), fan and radiator mounting, pump unit installation, and connecting the Commander CORE and LCD module. Includes a FAQ section for common troubleshooting.</p>