

Corsair CW-9060039-WW

Corsair H100i RGB PLATINUM 240mm Liquid CPU Cooler Instruction Manual

Model: CW-9060039-WW

Brand: Corsair

INTRODUCTION

The Corsair Hydro Series H100i RGB Platinum is an all-in-one liquid CPU cooler featuring a 240mm radiator and vivid RGB lighting, engineered for extreme CPU cooling. Equipped with 24 individual RGB LEDs, the H100i RGB Platinum offers extensive RGB lighting options via Corsair iCUE software. Two CORSAIR ML PRO RGB 120mm PWM fans operate between 400 to 2,400 RPM, complementing an optimized cold plate and pump design that delivers superior Hydro Series cooling performance. This cooler is easy to install and compatible with all major CPU sockets, combining aesthetic appeal with effective cooling. The cold plate material is copper.



Image: Corsair H100i RGB PLATINUM Liquid CPU Cooler with RGB lighting.

WHAT'S IN THE BOX

- Hydro Series H100i RGB PLATINUM Extreme Performance Liquid CPU Cooler
- Mounting kit for most modern CPU sockets
- Two ML PRO RGB Series PWM 140mm fans
- Fan and radiator mounting screws
- USB 2.0 motherboard header cable
- Thermal compound (pre-applied)
- Quick Start Guide



Image: All components included in the Corsair H100i RGB PLATINUM package.

SETUP

The Corsair H100i RGB PLATINUM is designed for easy installation across a wide range of CPU sockets. Ensure your system is powered off and disconnected from the mains before beginning installation.

Compatibility

- **Intel Sockets:** LGA 115x, 1366, 2011, 2011-3, 2066
- **AMD Sockets:** FM1, FM2, AM2, AM3, AM4, TR4

Installation Steps Overview

1. **Prepare Motherboard:** Attach the appropriate backplate and standoffs for your CPU socket.
2. **Mount Radiator and Fans:** Secure the 240mm radiator with the two ML PRO RGB 120mm PWM fans to your PC case.
3. **Install Pump:** Carefully place the pump head onto your CPU. The thermal compound is pre-applied, so no additional paste is typically needed. Secure the pump with the provided mounting hardware.
4. **Connect Cables:** Connect the pump's power cable to a SATA power connector. Connect the pump's 3-pin cable to the CPU_FAN header on your motherboard. Connect the USB 2.0 motherboard header cable from the pump to an available USB 2.0 header on your motherboard for iCUE software control. Connect the fan cables to the appropriate headers, typically to the pump or a fan controller.



Image: The copper cold plate of the H100i RGB PLATINUM with pre-applied thermal compound.

Video: An overview of the Corsair H100i RGB PLATINUM AIO Liquid CPU Cooler, showcasing its components and design.

OPERATING

The Corsair H100i RGB PLATINUM is controlled via the Corsair iCUE software, which allows for comprehensive management of your cooler's performance and aesthetics.

Corsair iCUE Software

- **RGB Lighting Control:** Customize the 24 individually controlled RGB LEDs on the pump head and the ML PRO RGB fans to match your build's theme or create dynamic lighting effects.
- **Performance Monitoring:** Monitor CPU and coolant temperatures in real-time to ensure optimal thermal performance.
- **Fan and Pump Speed Adjustment:** Adjust fan and pump speeds to balance cooling performance with noise levels. Create custom fan curves for specific workloads.



Image: Close-up of the H100i RGB PLATINUM pump head displaying customizable RGB lighting.

Video: A brief demonstration of the Corsair Hydro Platinum cooler's RGB lighting effects.

MAINTENANCE

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

- **Dust Removal:** Regularly clean the radiator fins and fan blades to prevent dust buildup, which can impede airflow and reduce cooling efficiency. Use compressed air or a soft brush.
- **Inspect Tubing:** Periodically check the tubing for any signs of kinks, leaks, or damage. While AIO coolers are sealed, visual inspection is always recommended.
- **Software Updates:** Keep your Corsair iCUE software updated to the latest version to benefit from performance improvements, new features, and bug fixes.

TROUBLESHOOTING

If you encounter issues with your Corsair H100i RGB PLATINUM, consider the following common troubleshooting steps:

- **High CPU Temperatures:** Ensure all fan and pump connections are secure. Verify that the radiator is free of dust and has adequate airflow. Check iCUE software for fan/pump speed settings and adjust if necessary.
- **Fans Not Spinning/RGB Not Working:** Confirm all power and USB connections are properly seated. Check iCUE software for lighting and fan profiles. Reinstall iCUE software if issues persist.
- **Unusual Noise:** Inspect fans for any obstructions. Check pump for unusual sounds; ensure it's properly mounted and not vibrating against other components.

For persistent issues, refer to the Corsair support website or contact their customer service.

SPECIFICATIONS

Product Dimensions	10.9"L x 4.72"W x 1.06"H
Brand	Corsair
Power Connector Type	4-Pin
Voltage	12 Volts
Cooling Method	Water
Compatible Devices	Desktop
Noise Level	37 Decibels
Material	Copper
Maximum Rotational Speed	2400 RPM
Air Flow Capacity	75 Cubic Feet Per Minute
UPC	843591035460
Item Model Number	CW-9060039-WW
Item Weight	1.83 pounds
Color	RGB Pump + Fans

WARRANTY & SUPPORT

For detailed warranty information and technical support, please visit the official Corsair website. You can find FAQs, driver downloads, and contact information for customer service.

Corsair Support: www.corsair.com/support

