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Corsair H150i Elite CAPELLIX XT

Corsair iCUE H150i Elite CAPELLIX XT Liquid CPU Cooler Instruction Manual

Model: H150i Elite CAPELLIX XT (CW-9060070-WW)

1. Introduction

The Corsair iCUE H150i Elite CAPELLIX XT Liquid CPU Cooler is designed to provide high-performance cooling for Intel and AMD processors. It features a 360mm radiator, three AF120 RGB ELITE PWM fans, a copper cold plate, and an efficient pump head with CAPELLIX LEDs. The included iCUE COMMANDER CORE controller allows for precise control over RGB lighting and fan speeds through the Corsair iCUE software.

This cooler is compatible with a wide range of motherboard sockets, including Intel LGA 1700, 1200, 115X, and 2066, as well as AMD AM5 and AM4 sockets. Its design focuses on efficient heat dissipation, low-noise operation, and customizable aesthetics.

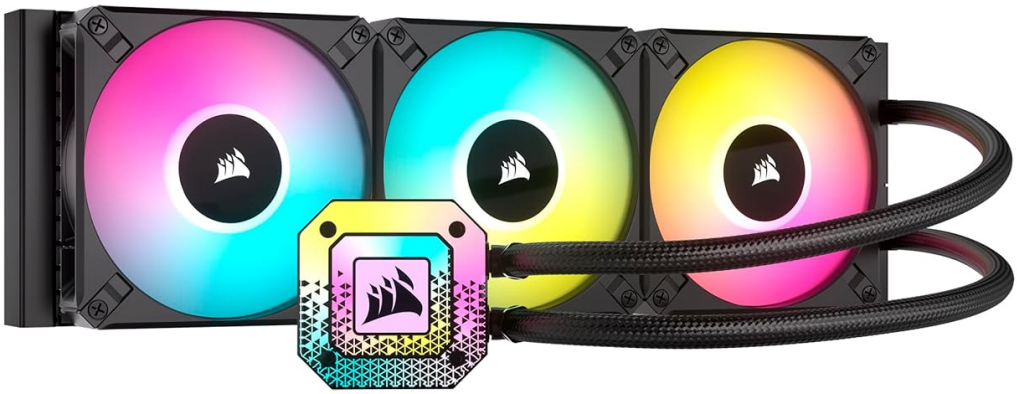

Figure 1: Corsair iCUE H150i Elite CAPELLIX XT Liquid CPU Cooler with fans and pump head.

2. Package Contents

Verify that all components are present before beginning installation:

- 1x Corsair iCUE H150i Elite CAPELLIX XT Liquid CPU Cooler (360mm Radiator with integrated pump/cold plate)
- 3x Corsair AF120 RGB ELITE PWM Fans
- 1x iCUE COMMANDER CORE RGB Lighting and Fan Speed Controller
- Mounting Brackets for Intel (LGA 1700, 1200, 115X, 2066) and AMD (AM5, AM4) Sockets
- Mounting Hardware (screws, standoffs, backplates)
- USB Cable for iCUE Commander CORE
- Fan Extension Cables (if needed)
- Pre-applied CORSAIR XTM70 Thermal Paste (on cold plate)

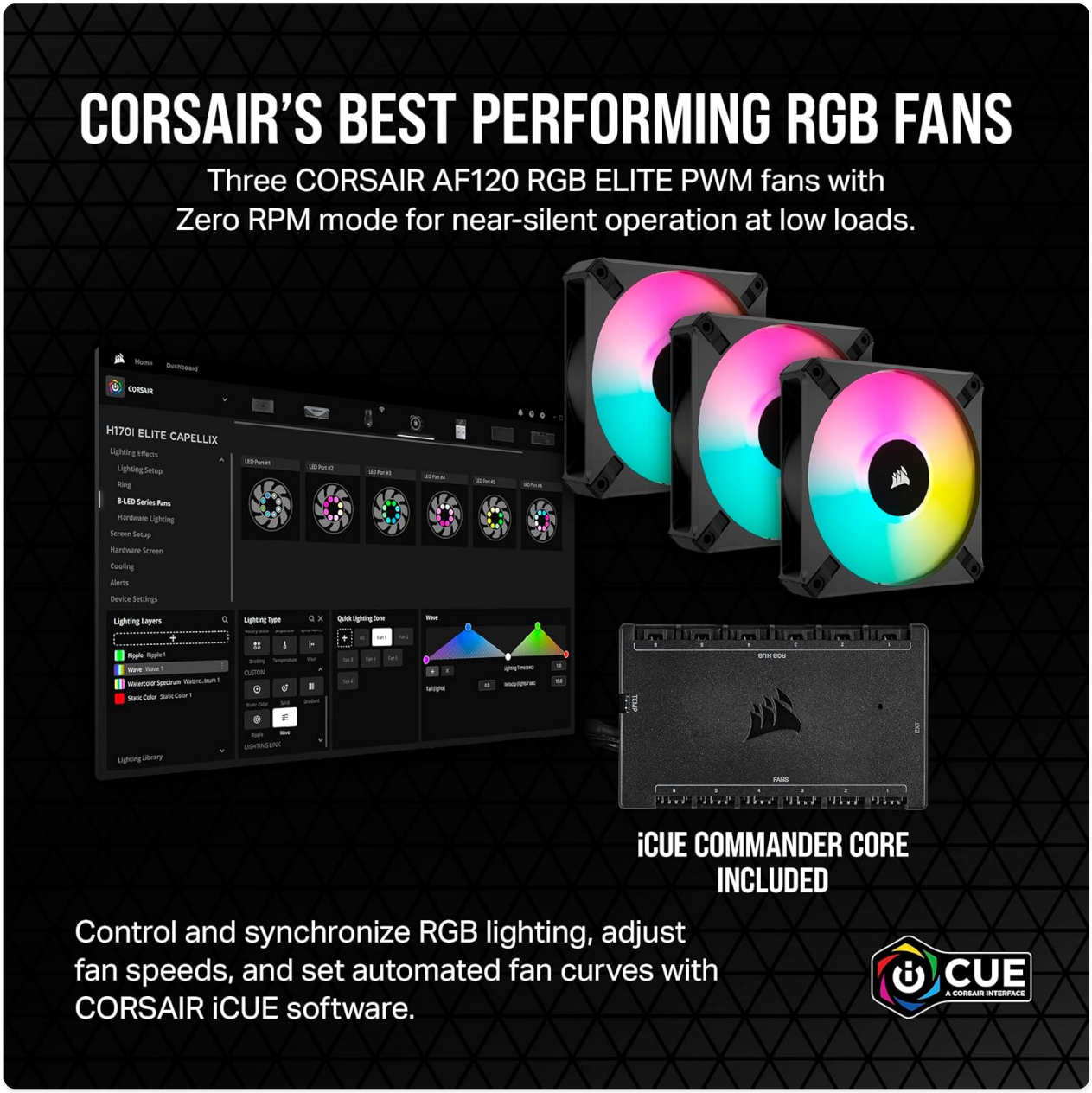

Figure 2: Included AF120 RGB ELITE PWM Fans and iCUE Commander CORE controller.

3. Specifications

Feature	Specification
Model	H150i Elite CAPELLIX XT (CW-9060070-WW)
Radiator Size	360mm
Fan Type	3x AF120 RGB ELITE PWM Fans
Fan Speed	Up to 2100 RPM
Noise Level	Up to 34.1 dBa
Air Flow Capacity	65.57 Cubic Feet Per Minute (CFM)

Cooling Method	Liquid (All-in-One)
Cold Plate Material	Copper
Compatible Intel Sockets	LGA 1700, 1200, 115X, 2066
Compatible AMD Sockets	AM5, AM4
Product Dimensions	15.63"L x 4.72"W x 1.06"H (Radiator)

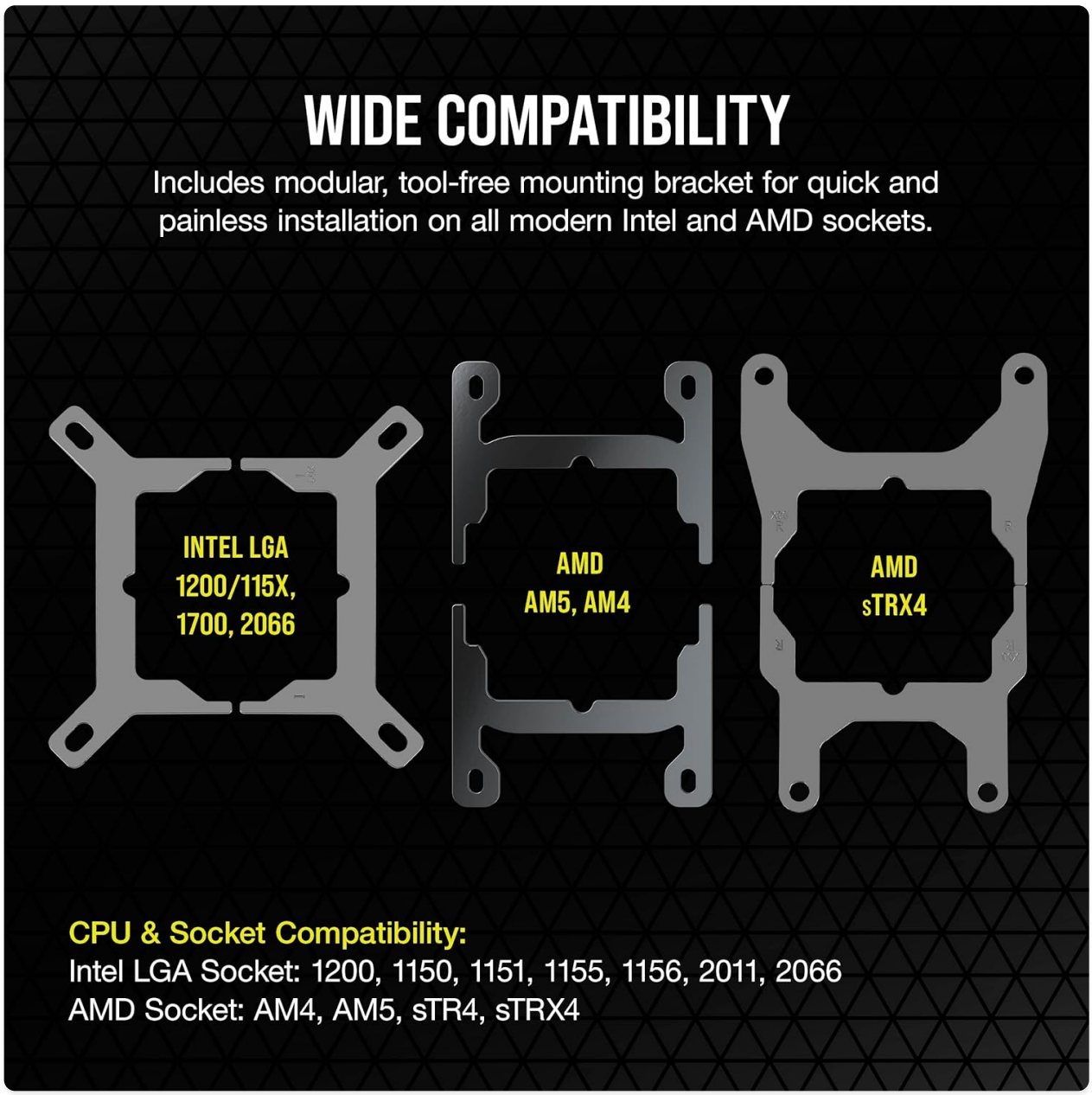

Figure 3: Overview of CPU socket compatibility for the cooler.

4. Setup and Installation

Before installation, ensure your system is powered off and unplugged. Refer to your motherboard manual for specific fan header locations.

4.1. Prepare the Motherboard

1. Identify your CPU socket type (Intel or AMD).
2. Attach the appropriate backplate to the rear of your motherboard.
3. Install the correct standoffs onto the motherboard's CPU socket area.

4.2. Install Radiator and Fans

1. Mount the three AF120 RGB ELITE PWM fans to the 360mm radiator using the provided screws. Ensure the fan airflow direction is correct for your case's cooling strategy (intake or exhaust).
2. Mount the radiator assembly into your PC case. Common locations include the top or front of the case. Secure it with the appropriate screws.

4.3. Install Pump/Cold Plate

1. The cooler comes with pre-applied CORSAIR XTM70 thermal paste on the cold plate. Handle carefully to avoid disturbing it.
2. Align the pump/cold plate assembly with the standoffs on your motherboard.
3. Gently place the pump onto the CPU, ensuring even contact.
4. Secure the pump with the provided thumbscrews or mounting nuts, tightening them in a diagonal pattern until snug. Do not overtighten.

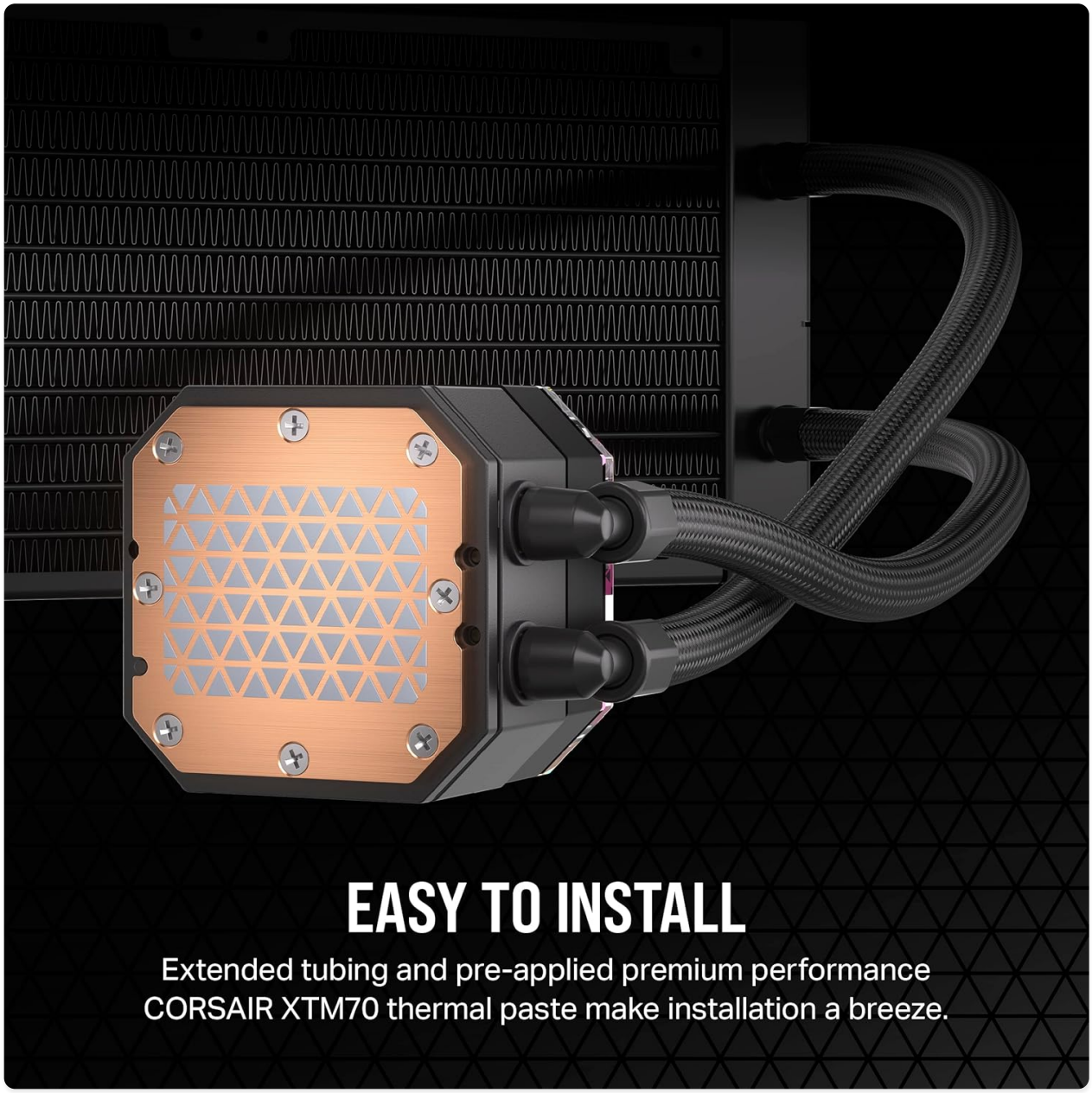

Figure 4: The cooler features pre-applied thermal paste for simplified installation.

4.4. Cable Management

1. Connect the three AF120 RGB ELITE PWM fans to the iCUE COMMANDER CORE controller.
2. Connect the pump's power cable to an available SATA power connector from your power supply.
3. Connect the pump's tachometer cable to the CPU_FAN header on your motherboard.
4. Connect the iCUE COMMANDER CORE controller to an available internal USB 2.0 header on your motherboard using the provided USB cable.
5. Route all cables neatly to ensure proper airflow and a clean build.

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Video 1: Official Corsair iCUE LINK TITAN RX RGB AIO Trailer. This video demonstrates the aesthetic and some functional aspects of Corsair's AIO coolers, including RGB lighting and fan operation, which are relevant to the H150i Elite CAPELLIX XT.

5. Operating the Cooler

The Corsair iCUE H150i Elite CAPELLIX XT is managed through the Corsair iCUE software. This software allows for comprehensive control and monitoring of your cooler.

5.1. Corsair iCUE Software

Download and install the latest version of Corsair iCUE software from the official Corsair website. Once installed, iCUE will automatically detect your H150i Elite CAPELLIX XT cooler and the connected fans.

5.2. Fan Control

Within iCUE, you can:

- Adjust individual fan speeds or set custom fan curves based on CPU temperature.
- Utilize pre-set fan profiles, including a 0 RPM PWM mode that stops fans entirely at low temperatures for silent operation.
- Monitor fan RPM and other performance metrics.

5.3. RGB Lighting Customization

The CAPELLIX LEDs on the pump head and the RGB LEDs on the AF120 fans are fully customizable via iCUE. You can:

- Choose from a wide array of lighting effects and colors.
- Synchronize lighting across all compatible Corsair iCUE devices in your system.
- Create custom lighting layers and effects to personalize your build's aesthetic.

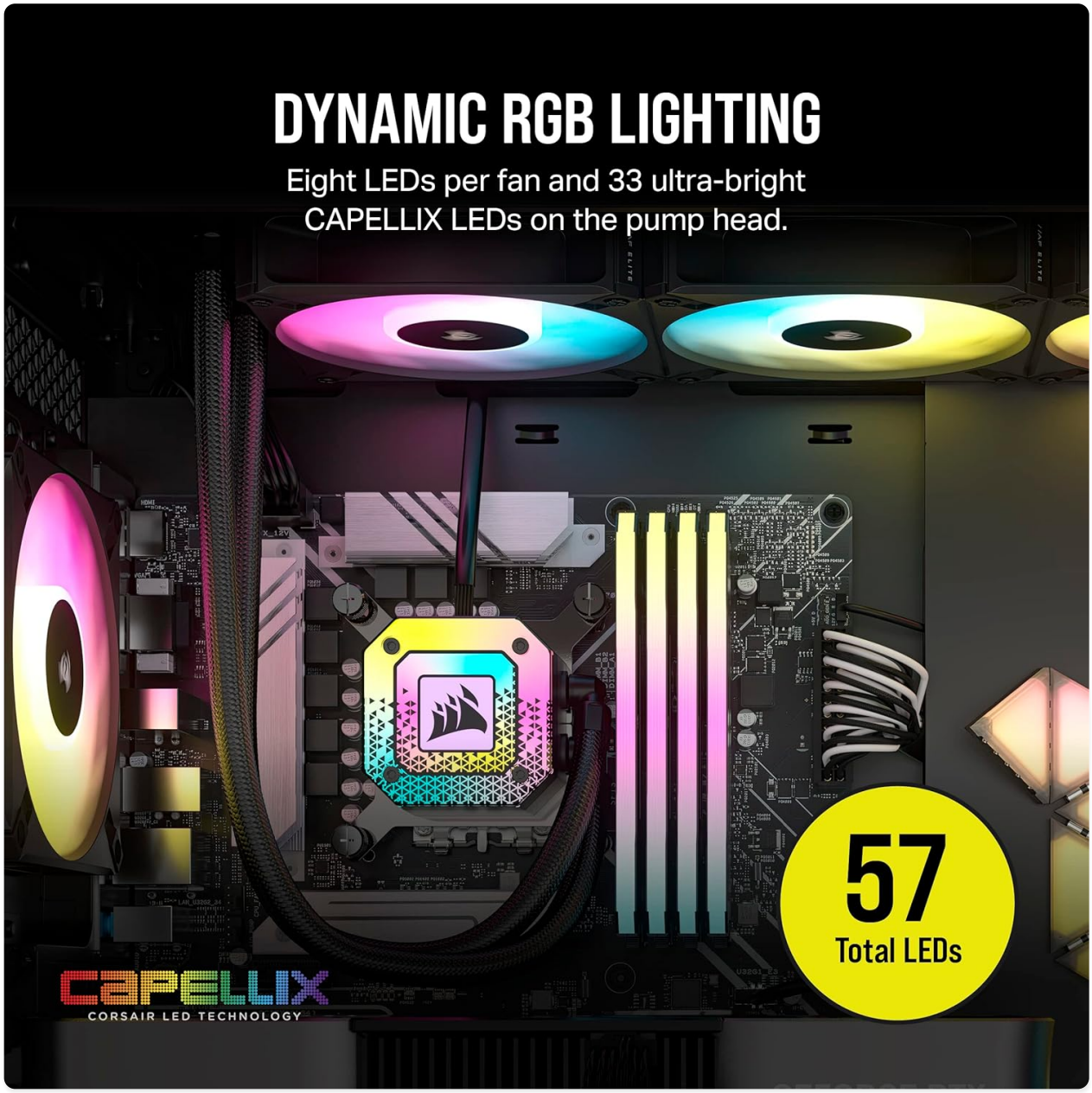

Figure 5: Dynamic RGB lighting on the pump head and fans, customizable via iCUE software.

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Video 2: A user's demonstration of the Corsair iCUE H150i cooler, showcasing its RGB lighting and overall appearance within a PC build.

6. Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your liquid CPU cooler.

- **Dust Cleaning:** Periodically clean the radiator fins and fan blades to prevent dust buildup, which can impede airflow and cooling performance. Use compressed air or a soft brush.
- **Fan Inspection:** Check fan blades for any obstructions or damage. Ensure fans are securely mounted.
- **Tubing and Connections:** Inspect the tubing for any signs of leaks, kinks, or damage. Ensure all connections are secure.
- **Thermal Paste:** The pre-applied thermal paste is designed for long-term use. Reapplication is generally

not necessary unless the cooler is removed and reinstalled. If reapplying, clean the old paste thoroughly and apply a thin, even layer of high-quality thermal paste.

7. Troubleshooting

7.1. High CPU Temperatures

- Ensure fans are spinning and correctly oriented for optimal airflow.
- Check that the pump is running (you may feel a slight vibration or hear a faint hum).
- Verify the cold plate has proper contact with the CPU. Re-seat the cooler if necessary, ensuring even pressure.
- Clean any dust buildup on the radiator fins.
- Confirm that the iCUE software is running and fan/pump profiles are set appropriately.

7.2. Fans Not Spinning or RGB Not Working

- Check all cable connections to the iCUE COMMANDER CORE controller and the motherboard.
- Ensure the iCUE COMMANDER CORE is receiving SATA power.
- Verify that the iCUE software is installed and updated.
- In iCUE, check the fan and lighting setup for any configuration errors.

7.3. Pump Noise

- Some pump noise is normal. If it's excessive, check for air bubbles in the loop by gently tilting your PC case.
- Ensure the pump is securely mounted and not vibrating against other components.
- Adjust pump speed settings in iCUE to a quieter profile if available and temperatures allow.

8. Warranty and Support

For warranty information, technical support, and additional resources, please visit the official Corsair website:

Corsair Support Website

You can also find FAQs, driver downloads, and community forums to assist with any questions or issues you may encounter.

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