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Thermaltake CL-W364-PL12SW-A

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Model: CL-W364-PL12SW-A

INTRODUCTION

The Thermaltake TH240 V2 ARGB All-in-One Liquid Cooler is designed to provide efficient cooling for your CPU while adding vibrant ARGB lighting to your system. This liquid cooler features a high-performance copper base plate for accelerated heat conductivity, a reliable pump for maximum water circulation, and a low evaporation tube that minimizes coolant loss, eliminating the need for refills. The V2 ARGB Snow Series incorporates an industrial design with an infinity mirror lighting effect on the 360-degree rotational cap, enhancing the aesthetic appeal of your build. Its innovative cable-integrated daisy-chain design simplifies fan connections, reducing cable clutter and optimizing motherboard port usage.



Figure 1: Overview of the Thermaltake TH240 V2 ARGB All-in-One Liquid Cooler, showcasing the radiator, two ARGB fans, and the pump/water block unit.

SAFETY INFORMATION

- Ensure all power is disconnected from your computer before installation or maintenance.
- Handle components with care to avoid damage.
- Do not attempt to disassemble the pump or radiator.
- Keep the product away from liquids and extreme temperatures.
- Use only the provided accessories and mounting hardware.
- If any issues arise, refer to the troubleshooting section or contact customer support.

PACKAGE CONTENTS

Verify that all components are present in the package:

- Fans
- Cables
- Radiator
- Water Block (Pump integrated)
- Mounting Brackets for Intel and AMD CPUs
- Screws and other installation hardware
- PWM Cable
- ARGB Cable

SETUP AND INSTALLATION

Follow these general steps for installation. Refer to the detailed diagram included with your product for specific mounting instructions for your CPU socket type.

1. **Prepare Motherboard:** Install the appropriate backplate and standoffs for your CPU socket (Intel LGA 2066/2011/1700/1200/1156/1155/1151/1150 or AMD AM5/AM4/AM3+/AM3/AM2+/AM2).
2. **Apply Thermal Paste:** Apply a thin, even layer of thermal paste to the CPU's integrated heat spreader (IHS).
3. **Mount Water Block:** Carefully place the water block onto the CPU, aligning it with the standoffs. Secure it with the provided thumb screws.



Figure 2: Underside of the water block, showing the high-performance copper base plate designed for efficient heat transfer from the CPU.

- 4. Install Radiator and Fans:** Mount the radiator to an available fan mount location in your PC case (e.g., top, front, or rear). Attach the fans to the radiator using the long screws. The cable-integrated daisy-chain design allows fans to connect directly to each other, minimizing cable clutter.



Figure 3: Top view of the two 120mm ARGB fans mounted on the radiator, showcasing their vibrant lighting capabilities.

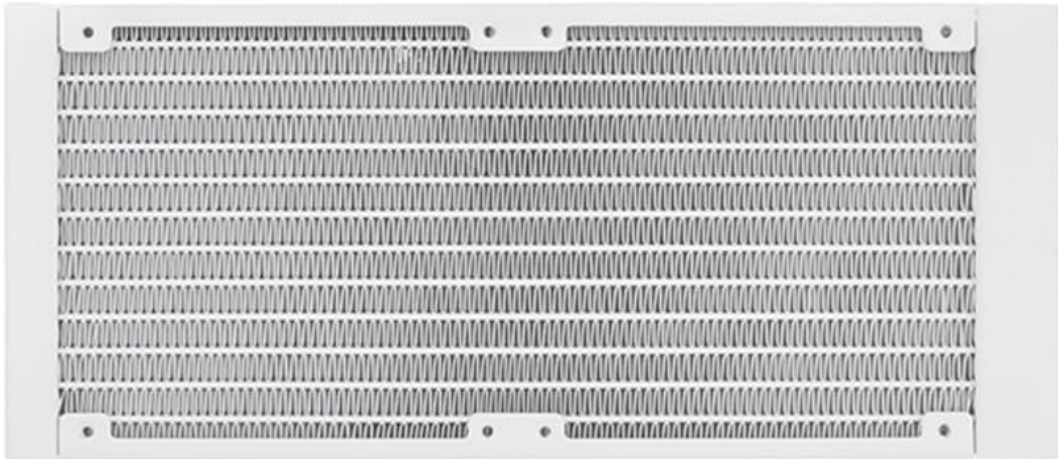


Figure 4: Detailed view of the radiator's aluminum fins, designed to maximize heat dissipation from the liquid coolant.

5. **Connect Cables:**

- Connect the pump's 3-pin power cable to an available fan header on your motherboard (e.g., AIO_PUMP or CPU_FAN).
- Connect the fan's PWM cable to a 4-pin PWM fan header on your motherboard.
- Connect the ARGB cable from the fans/pump to a compatible 3-pin 5V ARGB header on your motherboard or an ARGB controller.

6. **Cable Management:** Utilize the integrated daisy-chain design and included cables to manage wiring neatly within your PC case.



Figure 5: The TH240 V2 ARGB cooler installed in a white PC build, showing the radiator mounted at the top and the illuminated pump and fans.



Figure 6: A side view of the cooler installed, highlighting the vibrant ARGB lighting of the fans and the pump's infinity mirror effect.

OPERATING INSTRUCTIONS

Once installed and powered on, the TH240 V2 ARGB cooler will automatically begin circulating coolant and cooling your CPU. The fans will adjust their speed based on CPU temperature, controlled by your motherboard's PWM settings.

ARGB Lighting Control

The Addressable RGB (ARGB) lighting on the fans and pump can be controlled via your motherboard's ARGB software (e.g., ASUS Aura Sync, MSI Mystic Light Sync, GIGABYTE RGB Fusion, ASRock Polychrome Sync) or a compatible external ARGB controller. This allows for synchronization of lighting effects across your system and customization of colors and patterns.



Figure 7: Close-up of the pump unit, featuring the 360-degree rotational cap with infinity mirror ARGB lighting, providing dynamic visual effects.

MAINTENANCE

The Thermaltake TH240 V2 ARGB All-in-One Liquid Cooler is designed for minimal maintenance.

- **No Refill Required:** The low evaporation tube effectively decreases the loss of coolant, meaning no refills are required throughout the product's lifespan under normal operating conditions.
- **Dust Cleaning:** Periodically inspect the radiator fins and fans for dust accumulation. Use compressed air or a soft brush to gently remove dust, ensuring optimal airflow and cooling performance.
- **Hose Inspection:** Occasionally check the hoses for any signs of kinks or damage.

TROUBLESHOOTING

If you encounter issues with your TH240 V2 ARGB cooler, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No ARGB lighting	ARGB cable not connected or incorrect header. Software issue.	Ensure the 3-pin 5V ARGB cable is securely connected to the correct motherboard header or controller. Check motherboard software settings.
Fans not spinning or pump not working	Power cable not connected. Incorrect header.	Verify that the pump's 3-pin power cable and fan's PWM cable are securely connected to the correct motherboard headers. Check BIOS settings for fan control.
High CPU temperatures	Improper water block mounting. Insufficient thermal paste. Air bubbles in loop.	Re-seat the water block, ensuring even pressure. Reapply thermal paste. Ensure radiator and pump are positioned correctly to allow air bubbles to settle in the radiator. Check fan orientation for proper airflow.
Missing parts or difficult installation	Manufacturing error or user error.	Carefully review the package contents list and installation diagrams. If parts are genuinely missing, contact Thermaltake customer support.

SPECIFICATIONS

Feature	Detail
Model Number	CL-W364-PL12SW-A
Brand	Thermaltake
Cooling Method	Water
Compatible Devices	Desktop
Noise Level	25.8 dB
Material	Copper (Base Plate)
Maximum Rotational Speed	2000 RPM (Fans)
Power Connector Type	3-Pin (Pump), 4-Pin (Fans)
Voltage	5 Volts (ARGB)
Wattage	5 watts
CPU Socket Compatibility	Intel: LGA 2066/2011/1700/1200/1156/1155/1151/1150 AMD: AM5/AM4/AM3+/AM3/AM2+/AM2

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the official Thermaltake website or the warranty card included with your product. Warranty terms and conditions may vary by region.

For technical support, product inquiries, or to report missing parts, please visit the official Thermaltake support page or contact their customer service directly.

Official Thermaltake Store: [Thermaltake Store on Amazon](#)

