COUGAR 3MAQS360.0001

COUGAR Poseidon-GT AIO 360 ARGB Liquid Cooler User Manual

Model: 3MAQS360.0001

1. Introduction

The COUGAR Poseidon-GT AIO liquid cooler is designed to provide high-performance cooling for your system. It features exclusive UTTERIGHT 90-degree fins for enhanced heat transfer, high-efficiency fans, and vibrant ARGB lighting with an infinity mirror design. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your cooler.



Figure 1: COUGAR Poseidon-GT AIO 360 ARGB Liquid Cooler overview.

2. Safety Information

Please read all safety instructions carefully before installing or operating the product. Failure to do so may result in damage to the product, personal injury, or property damage.

- Ensure your system is powered off and unplugged from the wall outlet before installation.
- Handle components with care to avoid damage.
- Do not open the liquid cooler pump or radiator; it contains coolant that should not be ingested or come into contact with skin.
- Keep out of reach of children.
- Use only the provided accessories and mounting hardware.
- If any liquid leakage is observed, immediately power off your system and contact support.

3. Package Contents

Verify that all items listed below are present in your package:

- COUGAR Poseidon-GT AIO 360 ARGB Liquid Cooler (Radiator with integrated pump and tubing)
- 120mm ARGB Fans (x3)
- Mounting Brackets for Intel Sockets (LGA 115X/1366/1200/1700/2011/2066)

- Mounting Brackets for AMD Sockets (TR4/TRX4/AM5/AM4/FM2/FM1/AM3+/AM3/AM2+/AM2)
- Fan Screws
- Radiator Screws
- Thermal Paste (pre-applied or in a tube)
- ARGB Controller (if included)
- User Manual



Figure 2: Product packaging indicating included components.

4. Setup and Installation

Follow these steps carefully to install your COUGAR Poseidon-GT AIO liquid cooler.

4.1 Prepare Your System

1. Power off your computer and unplug the power cord.
2. Open your computer case and remove any existing CPU cooler. Clean the CPU surface thoroughly to remove old thermal paste.

4.2 Install Radiator and Fans

1. Attach the three 120mm ARGB fans to the radiator using the provided fan screws. Ensure the fan airflow direction is appropriate for your case's cooling setup (typically exhausting air out of the case).

2. Mount the radiator assembly into your computer case. The Poseidon-GT 360 requires a case with support for a 360mm radiator (e.g., top, front, or side mounting). Secure it with the longer radiator screws.



Figure 3: Radiator and fans assembly.

4.3 Install CPU Water Block/Pump

Select the appropriate mounting hardware for your CPU socket type:

For Intel Sockets (LGA 115X/1366/1200/1700/2011/2066):

1. Install the Intel backplate behind your motherboard (if required for your socket).
2. Attach the correct Intel mounting brackets to the pump head.
3. Apply thermal paste to the center of your CPU (if not pre-applied on the cold plate).
4. Carefully place the pump head onto the CPU, aligning the mounting holes. Secure it with the provided thumb screws or nuts, tightening in a diagonal pattern until snug.

For AMD Sockets (TR4/TRX4/AM5/AM4/FM2/FM1/AM3+/AM3/AM2+/AM2):

1. Utilize the existing AMD backplate (for AM4/AM5) or install the provided TR4/TRX4 backplate.
2. Attach the correct AMD mounting brackets to the pump head.
3. Apply thermal paste to the center of your CPU (if not pre-applied on the cold plate).
4. Carefully place the pump head onto the CPU, aligning the mounting holes. Secure it with the provided thumb screws or nuts, tightening in a diagonal pattern until snug.



Figure 4: CPU water block/pump head.

4.4 Cable Connections

1. Connect the pump power cable to the CPU_FAN or AIO_PUMP header on your motherboard.
2. Connect the fan power cables to available fan headers on your motherboard or to a fan hub.
3. Connect the ARGB cables from the fans and pump to the included ARGB controller, or directly to a 5V ARGB header on your motherboard (if supported). Ensure you connect to a 5V ARGB header, not a 12V RGB header, to prevent damage.

5. Operating Instructions

Once installed, the COUGAR Poseidon-GT AIO liquid cooler operates automatically to maintain optimal CPU temperatures.

5.1 ARGB Lighting Control

The ARGB lighting on the pump and fans can be controlled in several ways:

- **Motherboard Software:** If connected to a 5V ARGB header on your motherboard, you can use your motherboard's RGB synchronization software (e.g., ASUS Aura Sync, MSI Mystic Light Sync, GIGABYTE RGB Fusion, ASRock Polychrome Sync) to customize lighting effects and colors.
- **ARGB Controller:** If an external ARGB controller was included and used, refer to its specific instructions for changing lighting modes and colors.

The pump head features a rotary design, allowing you to adjust the orientation of the COUGAR logo after installation to ensure it is upright, regardless of the pump's mounting angle.

6. Maintenance

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

- **Dust Cleaning:** Periodically clean dust from the radiator fins and fan blades using compressed air or a soft brush. Excessive dust can impede airflow and reduce cooling efficiency.
- **Inspect Tubing:** Occasionally check the tubing for any signs of kinks, leaks, or damage.
- **No Coolant Refill:** This is a closed-loop AIO system and does not require coolant refills. Do not attempt to open the system.

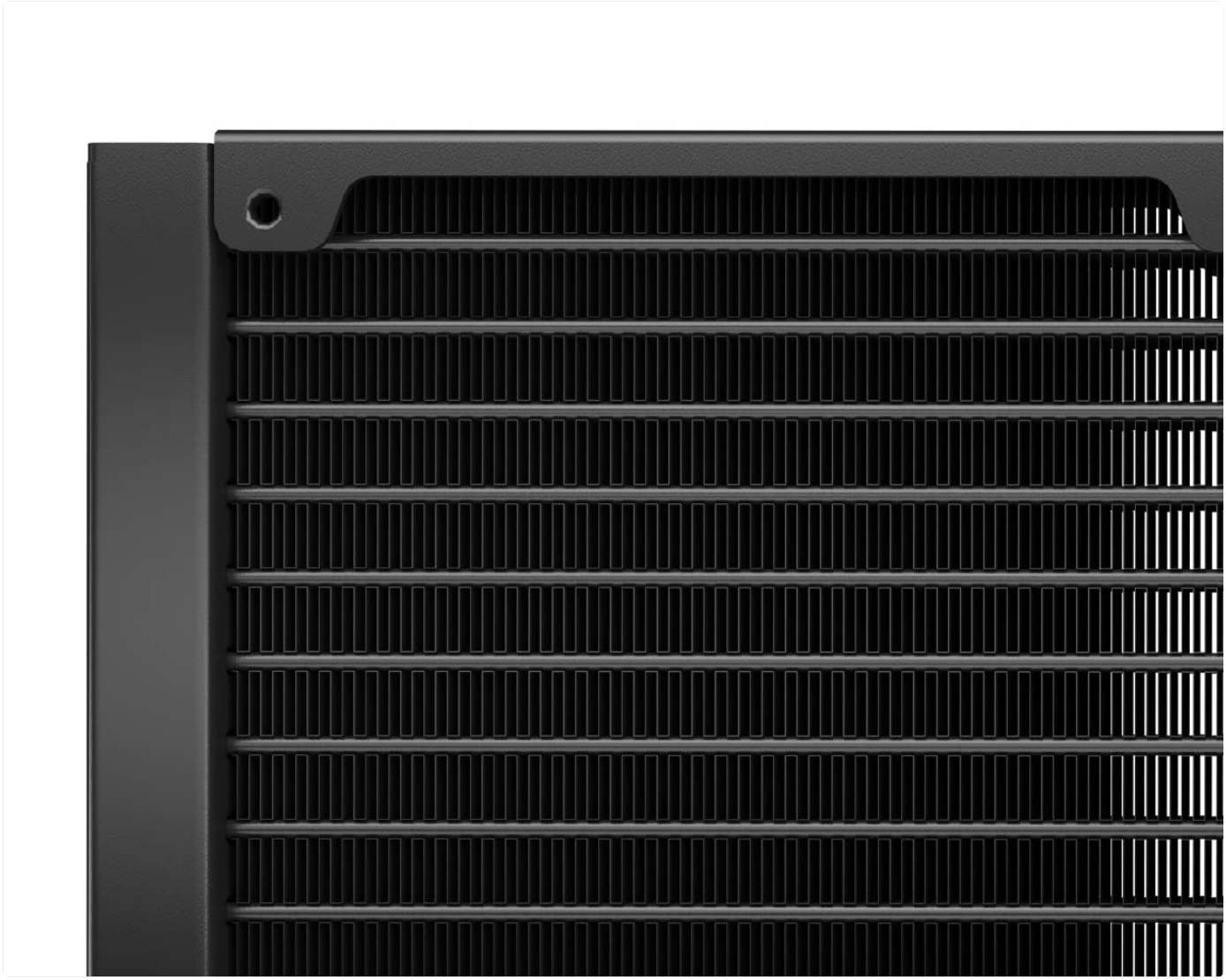


Figure 5: Radiator fins, requiring periodic dust cleaning.

7. Troubleshooting

If you encounter issues with your COUGAR Poseidon-GT AIO liquid cooler, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
High CPU Temperatures	Insufficient thermal paste or poor contact. Fans not spinning or spinning too slowly. Radiator clogged with dust. Pump not functioning.	Re-apply thermal paste and ensure proper pump mounting pressure. Check fan connections and BIOS settings for fan speed control. Clean radiator fins with compressed air. Verify pump power connection to motherboard. Check BIOS for pump RPM.
ARGB Lighting Not Working	Incorrect ARGB header connection (e.g., 12V RGB instead of 5V ARGB). Loose ARGB cable connection. Software conflict or incorrect settings.	Ensure connection to a 5V ARGB header. Check all ARGB cable connections to the motherboard or controller. Update motherboard RGB software or try re-installing.
Loud Fan Noise	Fans spinning at maximum RPM. Loose fan screws or vibration.	Adjust fan curves in BIOS or motherboard software. Ensure all fan screws are tightened.

8. Specifications

Feature	Detail
Model Name	Poseidon-GT AIO 360 ARGB
Model Number	3MAQS360.0001
Radiator Dimensions	Approx. 4.76 x 15.43 x 1.06 inches (121 x 392 x 27 mm)
Weight	Approx. 5.47 Pounds (2.48 kg)
Fan Size	120mm
Fan Quantity	3
Lighting	Addressable RGB (ARGB) with Infinity Mirror design
CPU Socket Compatibility	**Intel:** LGA 115X / 1366 / 1200 / 1700 / 2011 / 2066 **AMD:** TR4 / TRX4 / AM5 / AM4 / FM2 / FM1 / AM3+ / AM3 / AM2+ / AM2
Radiator Fin Design	UTTERIGHT 90-degree fins for enhanced heat transfer
Pump Head Feature	Rotary for logo orientation adjustment



Figure 6: Individual 120mm ARGB fan.

9. Warranty and Support

COUGAR products are manufactured to the highest quality standards. For detailed warranty information, please refer to the warranty card included with your product or visit the official COUGAR website.
If you require technical assistance or have questions regarding your Poseidon-GT AIO liquid cooler, please contact COUGAR customer support through their official website or the contact information provided in your product's documentation.

- **Manufacturer:** COUGAR
- **Official Website:** www.cougargaming.com (Please visit for the most up-to-date support information)

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

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