

ID-COOLING FX360 INF

ID-COOLING FX360 INF 360mm AIO CPU Cooler Instruction Manual

Model: FX360 INF | Brand: ID-COOLING

1. PRODUCT OVERVIEW

The ID-COOLING FX360 INF is a 360mm All-In-One (AIO) liquid CPU cooler designed for efficient heat dissipation in high-performance computing systems. It features an ARGB infinity mirror effect on the pump and three 120mm daisy-chained fans for quiet operation.

- **Premium AIO Cooler:** 360mm radiator with three quiet fans for gaming and high-performance systems.
- **Powerful Pump:** Equipped with a Gen 7 pump operating at 2900RPM $\pm$ 10% for efficient heat transfer.
- **Upgraded Radiator:** Features 12 waterways and a high-density fin stack, with a 27mm thick radiator extending the cooling surface by 37%.
- **Quiet Fans:** Three 120mm cooling fans provide stable performance with a maximum noise level of 29.9dB(A).
- **Infinity Mirror Effect:** Addressable RGB lighting on the pump creates an illusion of infinite depth.
- **Simple Cable Management:** Fans use daisy-chain connectors, and a 7-pin extension cable integrates with 4-pin and 3-pin connectors.
- **Compatibility:** Supports Intel LGA1851/1700/1200/1151/1150/1155/1156 and AMD AM5/AM4 sockets.

Infinity Mirror Decorated

The appeal of an infinity mirror with addressable RGB lighting creates an illusion of infinite depth and endless reflections.



Figure 1: ID-COOLING FX360 INF AIO CPU Cooler installed in a PC case.

Hassle-Free Installation

Compatible with Intel and AMD sockets.
Intel LGA1851/1700/1200/115X AMD AM5/AM4

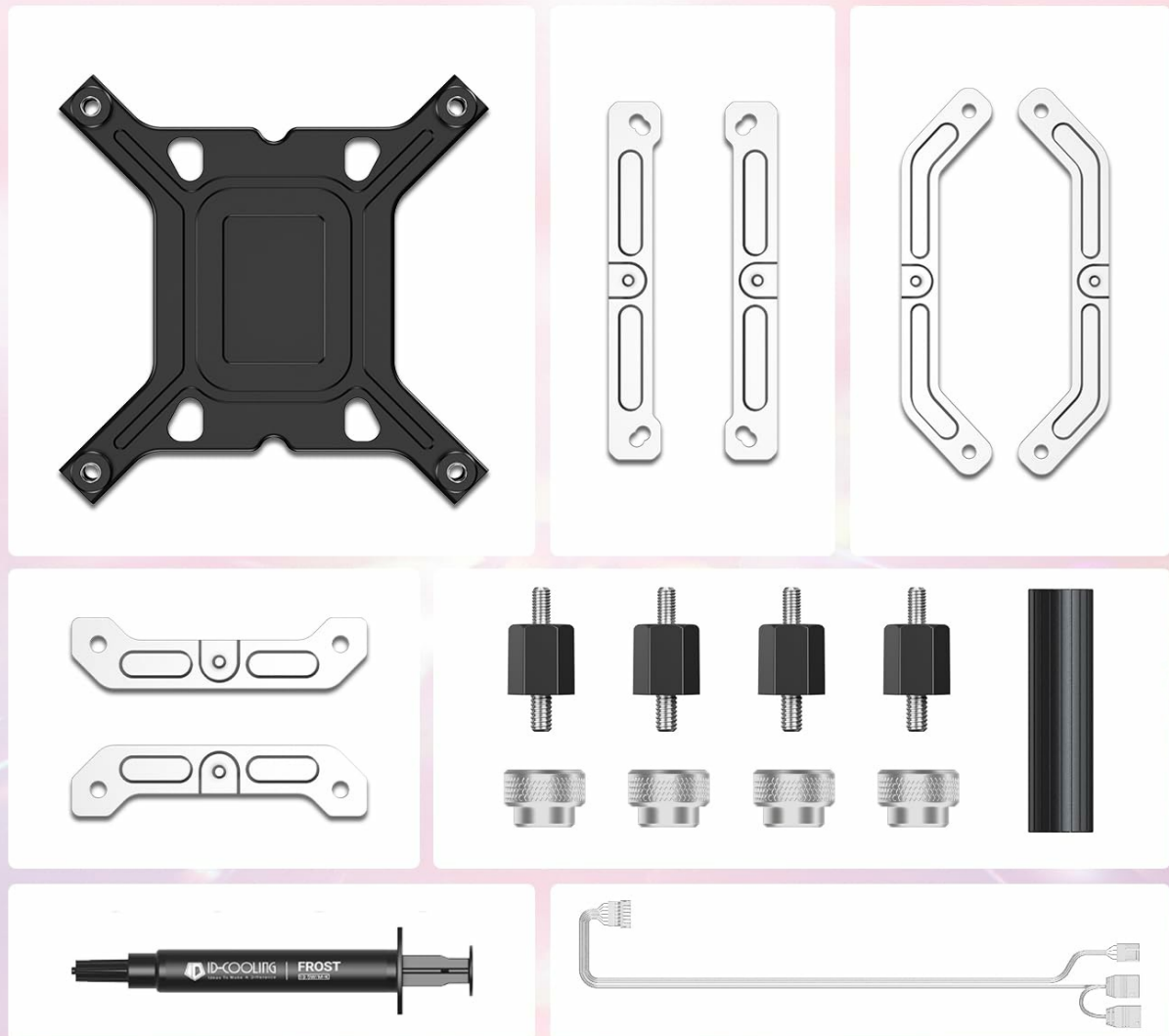


Figure 2: Infinity Mirror Decorated pump head with ARGB lighting.

2. SETUP AND INSTALLATION

This section provides general guidelines for installing the ID-COOLING FX360 INF AIO CPU Cooler. Refer to your motherboard and PC case manuals for specific instructions regarding component placement and cable routing.

2.1. Package Contents

Ensure all components are present before beginning installation. The package includes the radiator, cooling fans, mounting hardware for various CPU sockets, and thermal paste.

360° Rotatable Pump Cap

Allow multi-angle adjustments in any direction without having to reposition the cold plate.



Figure 3: Included mounting hardware and accessories.

2.2. Compatibility Check

Verify that your CPU socket is supported:

- **Intel Sockets:** LGA1851, LGA1700, LGA1200, LGA1151, LGA1150, LGA1155, LGA1156
- **AMD Sockets:** AM5, AM4

Ensure your PC case has adequate space for a 360mm radiator and three 120mm fans.

2.3. Installation Steps (General)

1. **Prepare CPU:** Clean the CPU surface of any old thermal paste. Apply a thin, even layer of new thermal paste (included) to the center of the CPU.
2. **Install Backplate (if required):** For Intel sockets, install the appropriate backplate behind the motherboard.
3. **Mount Pump:** Secure the pump head to the CPU using the correct mounting brackets and screws for your socket type. The pump cap is 360° rotatable for multi-angle adjustments without repositioning the cold plate.

4. **Mount Radiator and Fans:** Attach the three 120mm fans to the radiator. Mount the radiator assembly to an available fan mounting location in your PC case (e.g., top, front).
5. **Cable Management:** Connect the daisy-chained fan cables and the pump power cable to your motherboard or a fan controller. Utilize the 7-pin extension cable for simplified connections to 4-pin fan headers and 3-pin ARGB headers.

Simple Cable Management

A 7-pin extension cable designed for seamless integration with both 4-pin and 3-pin connectors.

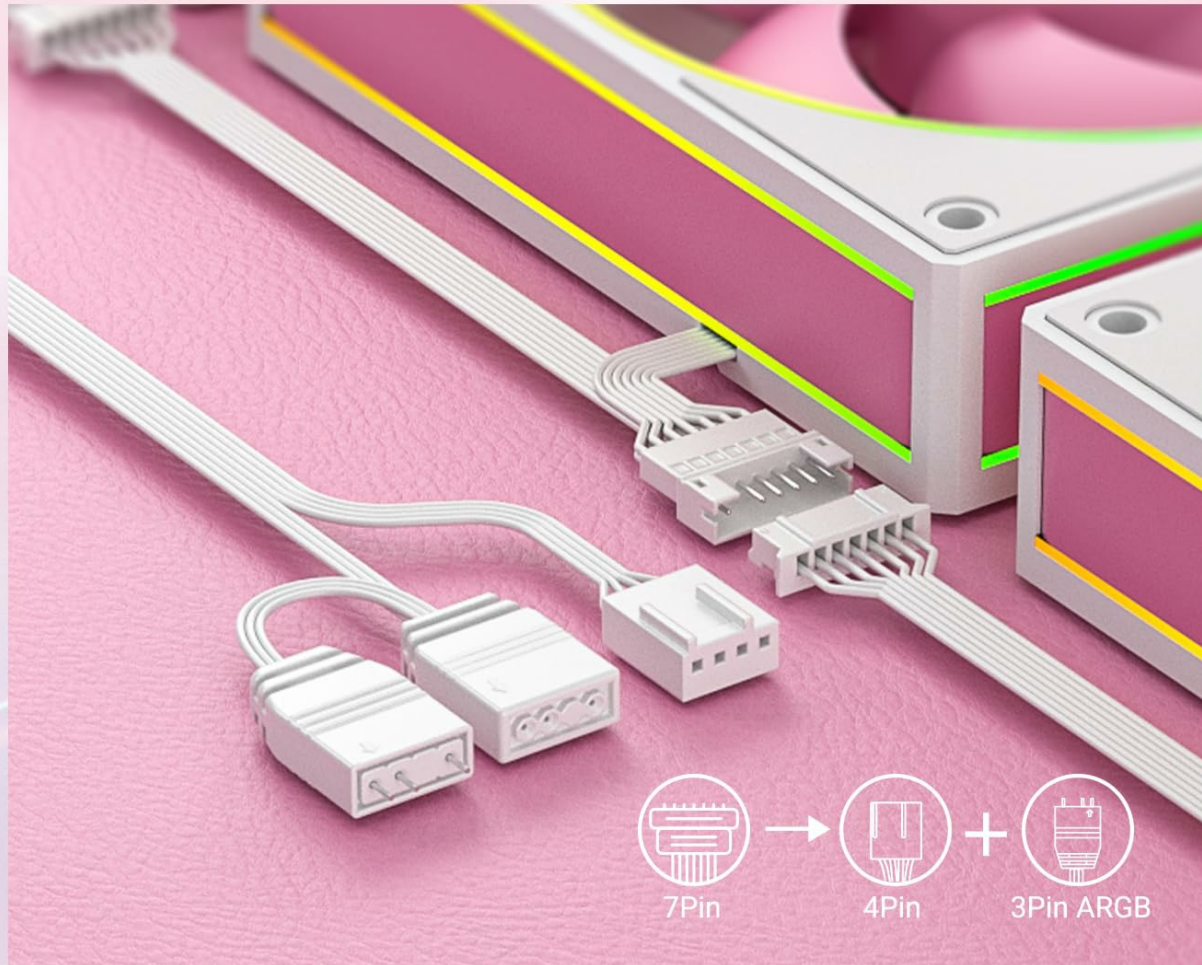


Figure 4: Simple cable management with daisy-chained fans and 7-pin extension.



Figure 5: 360° Rotatable Pump Cap for flexible orientation.

3. OPERATING INSTRUCTIONS

Once installed, the ID-COOLING FX360 INF operates automatically based on your motherboard's fan control settings. Ensure proper connections for optimal performance and ARGB lighting.

3.1. Power On and Initial Check

After completing installation, power on your computer. Observe the pump and fans to ensure they are spinning. Check for any unusual noises or leaks. The ARGB lighting on the pump and fans should illuminate.

3.2. Fan and Pump Control

The fans and pump are typically controlled via your motherboard's BIOS/UEFI settings or dedicated fan control software provided by your motherboard manufacturer. The pump operates at approximately 2900 RPM, and the fans adjust speed to maintain optimal CPU temperatures while keeping noise levels low (max 29.9 dB(A)).

3.3. ARGB Lighting Control

The Addressable RGB (ARGB) lighting on the pump and fans can be controlled using 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. Ensure the ARGB cables are correctly connected to the 3-pin 5V ARGB header on your motherboard.

4. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your AIO CPU 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 liquid tubing for any signs of kinks, damage, or leaks. While AIOs are sealed systems, visual inspection is recommended.
- **Fan Operation:** Ensure all fans are spinning freely and quietly. If a fan becomes noisy or stops spinning, it may require replacement.

5. TROUBLESHOOTING

If you encounter issues with your ID-COOLING FX360 INF, refer to the following common troubleshooting steps:

- **No Power/Fans Not Spinning:**
 - Check all power connections to the pump and fans. Ensure they are securely plugged into the motherboard headers or fan controller.
 - Verify that the motherboard's fan headers are enabled in the BIOS/UEFI.
- **High CPU Temperatures:**
 - Confirm the pump is running (you may feel a slight vibration or hear a faint hum).
 - Ensure the pump cold plate is making full contact with the CPU. Re-seat the cooler if necessary, applying fresh thermal paste.
 - Check for obstructions in the radiator fins or fan blades. Clean any dust buildup.
 - Verify that fans are oriented correctly to push or pull air through the radiator as intended for your case airflow.
- **ARGB Lighting Not Working:**
 - Ensure the ARGB cables are correctly connected to a 3-pin 5V ARGB header on your motherboard or controller. Do not connect to a 4-pin 12V RGB header.
 - Check your motherboard's ARGB software for proper configuration.
- **Unusual Noise:**
 - Identify the source of the noise (fan or pump).
 - If from a fan, check for cable interference or debris.
 - If from the pump, ensure it is securely mounted and not vibrating against other components.

6. SPECIFICATIONS

Feature	Specification
---------	---------------

Feature	Specification
Model Number	FX360 INF
Product Dimensions	36L x 36W x 2.7H centimetres (Radiator)
Weight	2.62 kg
Cooling Method	Water Cooling (AIO Liquid Cooler)
Compatible Devices	Desktop PCs
Supported Intel Sockets	LGA1851, 1700, 1200, 1151, 1150, 1155, 1156
Supported AMD Sockets	AM5, AM4
Pump Speed	2900 RPM ±10%
Fan Size	3 x 120mm
Noise Level (Max)	29.9 dB(A)
Air Flow Capacity	78 cubic feet per minute (CFM)
Power Connector Type	7-Pin (for daisy-chain fans)
Included Components	Radiator, Cooling Fans, Mounting Hardware, Thermal Paste

7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ID-COOLING website or contact their customer service directly. Keep your proof of purchase for warranty claims.

Manufacturer: ID-COOLING

Website: www.idcooling.com (Example link, actual link may vary)

ASK A QUESTION ABOUT THIS MANUAL

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question