

MSI MPG CORELIQUID P13 360

MSI MPG CORELIQUID P13 360 AIO CPU Liquid Cooler User Manual

Model: MPG CORELIQUID P13 360

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your MSI MPG CORELIQUID P13 360 AIO CPU Liquid Cooler. This all-in-one liquid cooling system is designed to efficiently dissipate heat from your CPU, featuring a 360mm radiator, triple 120mm ARGB PWM fans, and an IPS 2.1-inch LCD screen for system monitoring and customization. It supports the latest Intel LGA 1851 and AMD AM5 sockets.



Image 1: MSI MPG CORELIQUID P13 360 AIO CPU Liquid Cooler

2. PACKAGE CONTENTS

Verify that all components are present in the package before proceeding with installation. If any items are missing or damaged, contact your retailer or MSI support.

- MSI MPG CORELIQUID P13 360 AIO Cooler (Radiator, Pump/Water Block, Tubing)
- 3x 120mm ARGB PWM Fans
- Mounting Hardware for Intel (LGA 1851, 1700, 1200, 115x)
- Mounting Hardware for AMD (AM5, AM4)
- Fan Screws and Radiator Screws
- Thermal Paste (pre-applied or in a tube)
- Cables (PWM fan splitter, ARGB cable, USB cable for LCD)
- User Manual (this document)

3. PRODUCT FEATURES

3.1. Full-Plane Copper Base

The cooler features a new generation full-plane copper base designed to eliminate traditional screw perforations, enhancing water-tightness and ensuring reliable system operation.

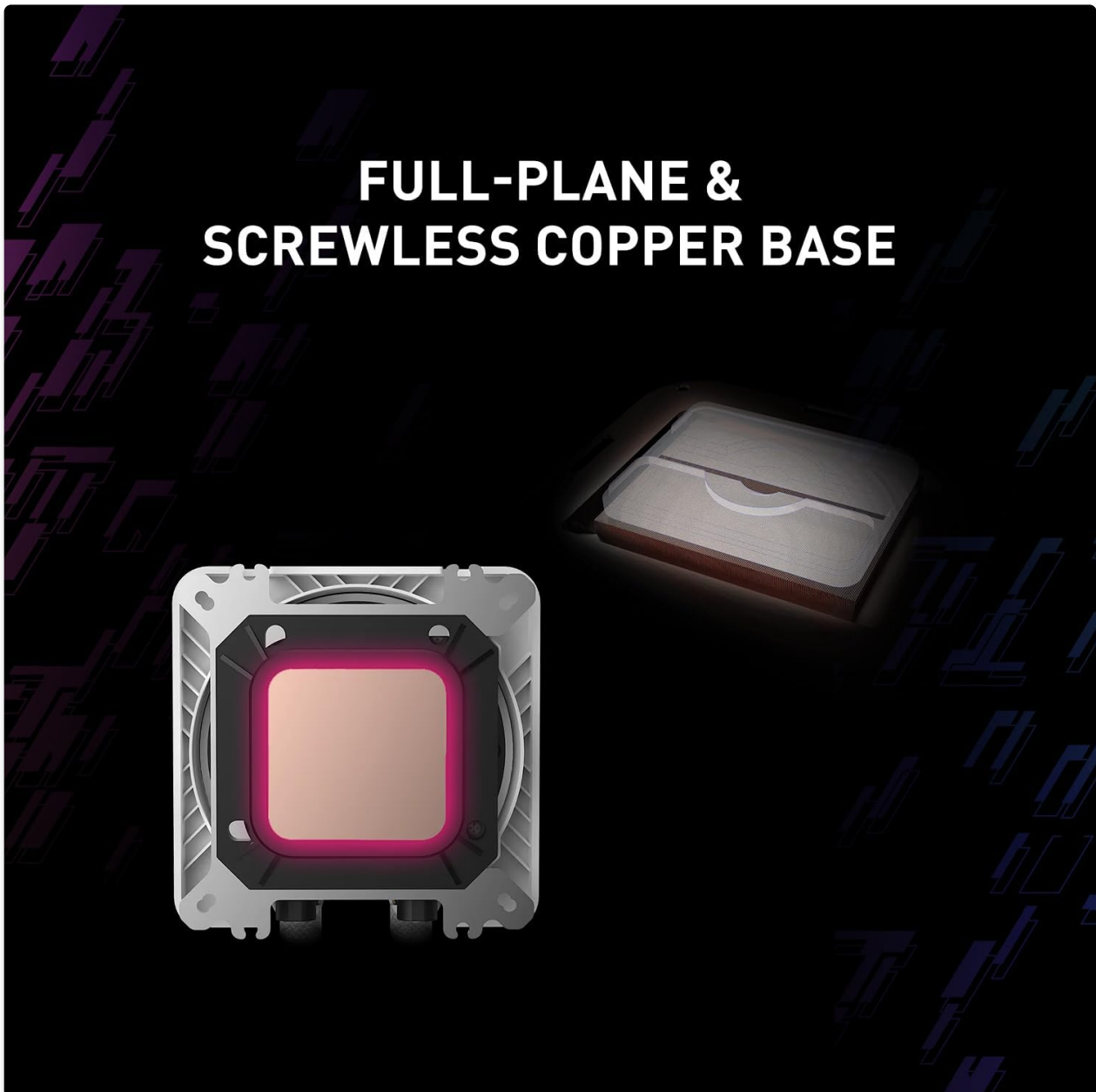


Image 2: Full-Plane & Screwless Copper Base

3.2. Hidden Cable Design

MSI's hidden-cable design routes all pump power and display signals through the sleeved tubing. This design minimizes visible wires around the cooling head, contributing to a cleaner system build.



Image 3: Clean Lines, Seamless Form (Hidden Cable Design)

3.3. 2.1-inch IPS LCD Screen

The integrated 2.1-inch IPS LCD screen on the pump block supports real-time monitoring of system parameters, animated visuals, or personalized content. It functions as a secondary display for dynamic system feedback and customization.

2.1" LCD



Image 4: 2.1" LCD Screen

3.4. CycloBlade 9 Fans

The included CycloBlade 9 fans feature a hybrid blade design, engineered to deliver powerful airflow and high static pressure. This design ensures effective cooling performance while maintaining low noise levels. The fans also incorporate ARGB GEN2 lighting effects for aesthetic customization.

CYCLOBLADE 9



Image 5: CycloBlade 9 Fan Design

3.5. UNI BRACKET Mounting System

The exclusive UNI BRACKET mounting system provides broad compatibility across various Intel and AMD platforms, including LGA 1851, 1700, 1200, 115x, AM5, and AM4. This system simplifies the installation process.

UNI BRACKET



Image 6: UNI BRACKET Mounting System

3.6. EZ CAP

The EZ CAP is a protective cover for the CPU socket, designed to prevent damage during cooler installation. It should be removed after the cooler is securely mounted.

EZ CAP

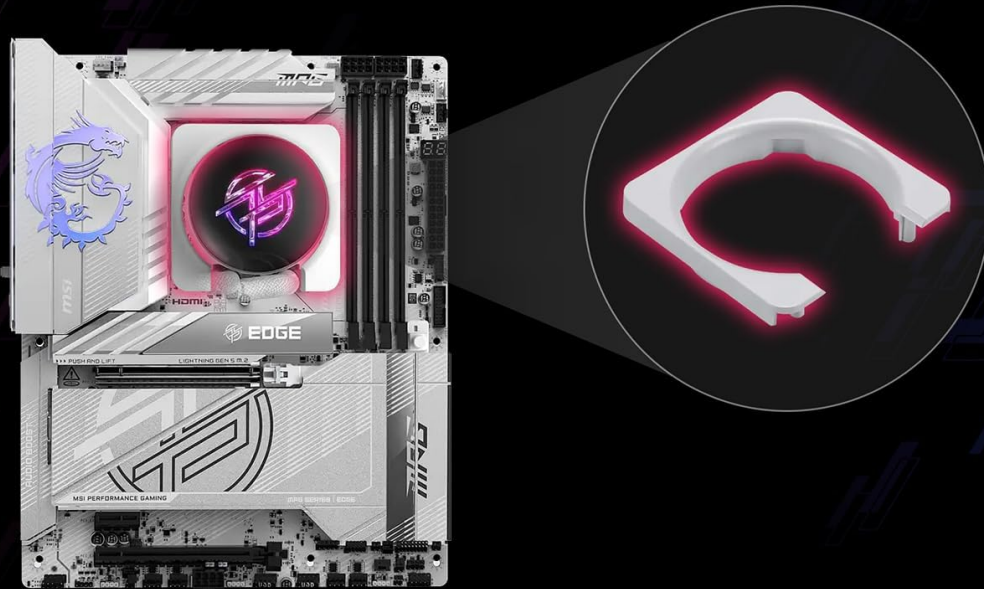


Image 7: EZ CAP on Motherboard

4. SETUP & INSTALLATION

Proper installation is crucial for optimal performance and system stability. Refer to the detailed instructions provided in the physical installation guide included with your cooler for specific steps tailored to your CPU socket type (Intel or AMD).

4.1. Pre-Installation Checklist

1. Ensure your PC case has adequate space for a 360mm radiator and three 120mm fans.
2. Identify your CPU socket type (e.g., LGA 1851, AM5) and gather the corresponding mounting hardware.
3. Prepare your motherboard by installing the CPU and RAM.
4. Clean the CPU surface with isopropyl alcohol to remove any residue.

4.2. General Installation Steps

1. **Install Radiator and Fans:** Mount the three 120mm fans to the 360mm radiator using the provided fan screws. Secure the assembled radiator and fans to an available mounting location in your PC case

(typically top or front).

2. **Prepare CPU Socket:** Install the correct backplate (if required for your socket) and standoffs onto your motherboard according to the included guide.
3. **Apply Thermal Paste:** If thermal paste is not pre-applied to the cold plate, apply a small, pea-sized amount to the center of your CPU's integrated heat spreader (IHS).
4. **Mount Water Block:** Carefully place the water block onto the CPU, aligning it with the standoffs. Secure it with the appropriate thumb screws or nuts, tightening them in a diagonal pattern until snug. Avoid over-tightening.
5. **Connect Cables:**
 - a. Connect the pump power cable to the designated AIO_PUMP or CPU_FAN header on your motherboard.
 - b. Connect the fan PWM cables to the CPU_FAN header or a dedicated fan header on your motherboard, possibly using a splitter.
 - c. Connect the ARGB cables from the fans and pump to an ARGB header (5V 3-pin) on your motherboard or an ARGB controller.
 - d. Connect the USB cable from the pump to an available internal USB 2.0 header on your motherboard for LCD screen functionality and software control.
6. **Cable Management:** Route all cables neatly to ensure proper airflow and a clean build.

5. OPERATING INSTRUCTIONS

5.1. Initial Power On

After installation, power on your system. The fans should spin, and the pump should begin operating. The LCD screen on the pump block will initialize.

5.2. Software Control (MSI Center / Mystic Light)

To fully utilize the features of your MPG CORELIQUID P13 360, download and install the latest version of MSI Center from the official MSI website. Within MSI Center, you can:

- **Monitor System Status:** View CPU temperature, fan speeds, and pump speed.
- **Customize LCD Display:** Upload custom images, GIFs, or select from pre-set animations and system information displays for the 2.1-inch IPS LCD screen.
- **Control ARGB Lighting:** Synchronize and customize the lighting effects of the ARGB fans and pump block via Mystic Light.
- **Adjust Fan/Pump Curves:** Create custom fan and pump speed profiles based on CPU temperature for optimal balance between cooling performance and noise levels.

6. MAINTENANCE

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

- **Dust Cleaning:** Periodically clean the radiator fins and fan blades using compressed air. Dust accumulation can impede airflow and reduce cooling efficiency. Ensure fans are not spinning during cleaning.
- **Tubing and Connections:** Inspect the tubing and connections for any signs of leaks or damage. While the cooler features enhanced water-tightness, routine checks are recommended.

- **Software Updates:** Keep your MSI Center software and cooler firmware updated to benefit from performance improvements and new features.

7. TROUBLESHOOTING

If you encounter issues with your MSI MPG CORELIQUID P13 360, refer to the following common troubleshooting steps:

- **High CPU Temperatures:**
 - Verify that the water block is securely mounted to the CPU and making proper contact.
 - Ensure thermal paste was applied correctly.
 - Check if the pump is running (listen for a faint hum or check software monitoring).
 - Confirm that radiator fans are spinning and oriented correctly for airflow (pushing or pulling air through the radiator).
 - Clean any dust from the radiator fins.
- **Fans Not Spinning / ARGB Not Working:**
 - Check all fan and ARGB cable connections to the motherboard or controller.
 - Ensure the ARGB header is enabled in your motherboard's BIOS/UEFI.
 - Verify fan and ARGB settings within MSI Center / Mystic Light.
- **LCD Screen Not Displaying:**
 - Ensure the internal USB 2.0 cable from the pump is securely connected to both the pump and the motherboard.
 - Check if MSI Center software is installed and running.
 - Try restarting the MSI Center application or your computer.
 - Update MSI Center and cooler firmware.
- **Unusual Noises:**
 - **Gurgling/Bubbling:** This can occur during initial startup as air settles in the loop. It should subside. Ensure the radiator is mounted higher than the pump if possible.
 - **Fan Noise:** Check for obstructions, loose fan screws, or dust buildup. Adjust fan curves in MSI Center.
 - **Pump Noise:** A faint hum is normal. Excessive noise might indicate an issue; ensure the pump is receiving stable power.

8. SPECIFICATIONS

Feature	Specification
Brand	MSI
Model	MPG CORELIQUID P13 360
Cooling Method	Liquid (AIO)
Radiator Size	360mm

Fan Size	3x 120mm ARGB PWM Fans
Display	2.1-inch IPS LCD Screen
Compatible Intel Sockets	LGA 1851, 1700, 1200, 115x
Compatible AMD Sockets	AM5, AM4
Power Connector Type	4-Pin (PWM)
Product Dimensions (L x W x H)	14.17" x 14.17" x 14.17" (approximate, refers to packaging or overall dimensions)
Item Weight	5.8 pounds
UPC	824142410813

9. WARRANTY & SUPPORT

For warranty information, technical support, or service inquiries, please visit the official MSI website or contact your local MSI representative. Keep your proof of purchase for warranty claims.

MSI Official Website: www.msi.com