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› PCCOOLER GT360M Liquid CPU Cooler Instruction Manual

PCCOOLER GT360M

PCCOOLER GT360M Liquid CPU Cooler Instruction Manual

Model: GT360M

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your PCCOOLER GT360M Liquid CPU Cooler. Please read this manual thoroughly before installation and retain it for future reference.

2.8-Inch High Resolution Display

Crystal-clear display with wider viewing angles and vivid, true-to-life colors, delivering refined and lifelike visual immersion.

320×240

Resolution

60Hz

Refresh Rate

24-bit

True Color

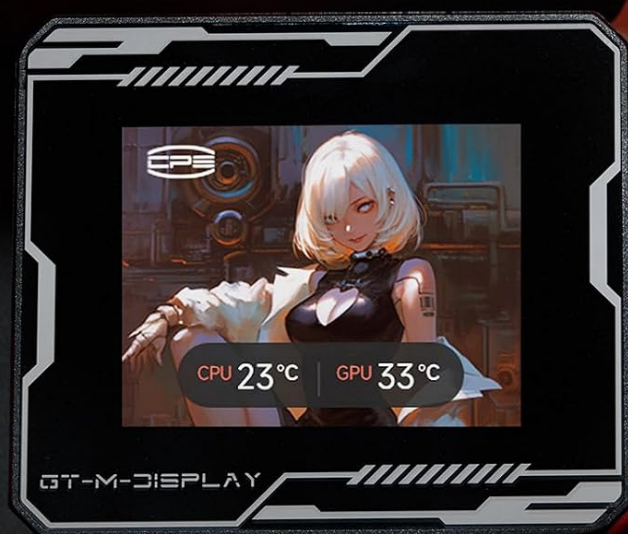
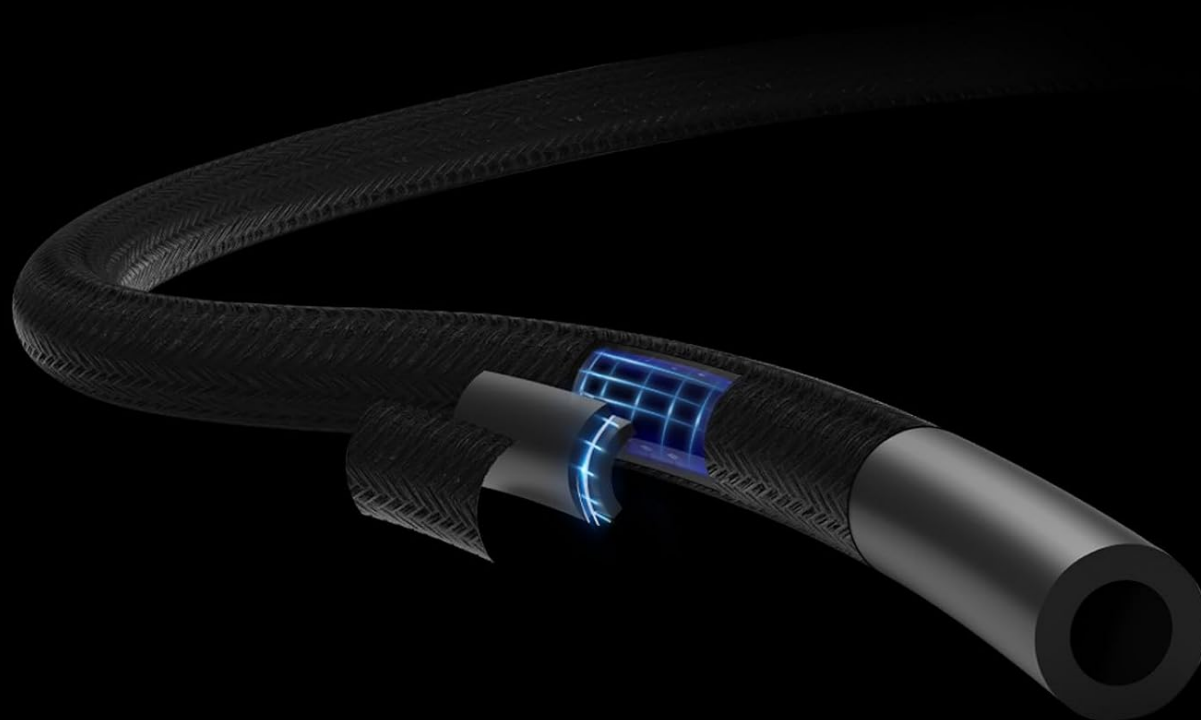


Image: The PCCOOLER GT360M Liquid CPU Cooler, showcasing its radiator, three ARGB fans, and the pump block with an integrated LCD display.

2. PACKAGE CONTENTS

Verify that all components listed below are present in your package. If any items are missing or damaged, please contact customer support.

- GT360M AIO Liquid Cooler (Radiator, Pump/Cold Plate with LCD, Tubing)
- 3 x 120mm ARGB PWM Fans
- Mounting Hardware for Intel LGA 1851/1700/1200/115X Sockets
- Mounting Hardware for AMD AM5/AM4 Sockets
- Thermal Paste
- Fan Screws and Radiator Screws
- User Manual



EPDM Composite Liquid Cooling Tube

Outstanding pressure tolerance increases lifespan.

Image: A comprehensive view of all included components for the PCCOOLER GT360M, including the radiator, fans, pump, and various mounting accessories.

Unboxing Video

Video: An unboxing video demonstrating the contents of the PCCOOLER GT360M AIO CPU Cooler package.

3. SPECIFICATIONS

Feature	Specification
Model	GT360M
Radiator Size	360mm (394×120×27 mm)
Cooling Method	Liquid (AIO)
Pump Type	Ceramic Bearing Pump

Cold Plate	Copper Micro-Channel
Fans	3 x 120mm ARGB PWM Fans
Fan Speed	500-2200 RPM $\pm$ 10%
Air Flow Capacity	Up to 75.8 CFM per fan
Static Pressure	3.2 mmHzO per fan
Noise Level	36 Decibels (Max)
LCD Screen	2.8-Inch, 320×240 Resolution
Compatibility	Intel LGA 1851/1700/1200/115X, AMD AM5/AM4
Power Connector	4-Pin
Voltage	12 Volts
Item Weight	3.75 Pounds



New CPS Control Software DIY Content Freedom

CPS control software enables customizable on-screen content with video playback for flexible presentation.

Easily Upload Multiple File Formats

Support MP4/GIF/JPG/PNG,
Support Custom Video (1920*1080 resolution, within 20MB)



Live System Status Monitoring

Real-time monitoring and flexible display of
system parameters.



Download Path:
Visit the official PCCOOLER website (www.pccooler.com). Navigate to the "Support" section in the menu bar, then click on "Downloads". Under the "CPS-Display" software, click to download the application.

Image: Detailed specifications for the high-performance ARGB fans, including speed, airflow, and static pressure.



Image: An illustration highlighting the low-noise durable ceramic bearing pump and the ultra-fine microchannel cold plate design.

4. SETUP AND INSTALLATION

Follow these steps carefully to install your PCCOOLER GT360M Liquid CPU Cooler. Ensure your system is powered off and unplugged before beginning installation.

4.1 Prepare the Motherboard

- Identify your CPU socket type (Intel LGA or AMD AM).
- For Intel sockets, install the appropriate backplate and standoffs.
- For AMD sockets, use the original motherboard backplate and install the AMD standoffs.

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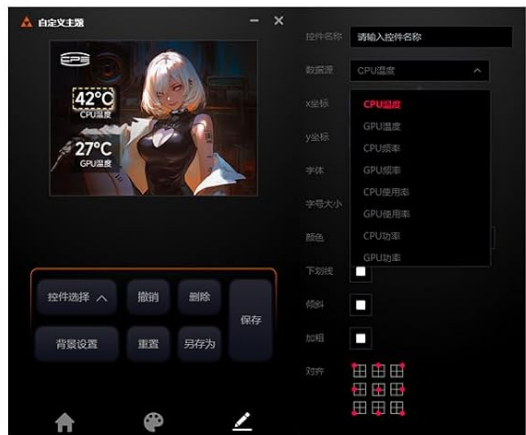


Image: A visual guide to the installation accessories provided for both Intel (LGA115X/1200/1700/1851) and AMD (AM4/AM5) platforms.

4.2 Mount the Radiator and Fans

- Attach the three 120mm ARGB PWM fans to the radiator using the provided fan screws. Ensure the fan airflow direction is correct for your case configuration (typically blowing air out of the case).
- Mount the radiator assembly to an available 360mm fan mount in your PC case (e.g., top, front).

4.3 Install the Pump/Cold Plate

- Apply a small amount of the included thermal paste to the center of your CPU's integrated heat spreader (IHS).
- Carefully place the pump/cold plate assembly onto the CPU, aligning it with the standoffs.
- Secure the pump block with the appropriate mounting brackets and screws, ensuring even pressure.
- The LCD screen on the pump block is magnetic and can be rotated for optimal orientation.

Large Water Block

Sleek fit for better build harmony. Offset design avoids RAM interference.



Image: The large water block designed to avoid RAM interference and the magnetic attachment mechanism for the LCD screen.

4.4 Cable Connections

- Connect the pump power cable to the motherboard's dedicated PUMP_FAN header or a CPU_FAN header.
- Connect the fan PWM cables to the motherboard's fan headers (CPU_FAN, CHA_FAN, or a fan hub).
- Connect the ARGB cables from the fans and pump to your motherboard's 5V ARGB header or a compatible ARGB controller.
- Connect the USB 2.0 cable from the pump block to an available USB 2.0 header on your motherboard. This is essential for LCD screen functionality and software control.

Full Installation Guide Video

Video: A comprehensive video guide demonstrating the full installation process of the PCCOOLER GT360M AIO CPU Cooler.

5. OPERATION

5.1 Initial Power On

After installation, power on your system. The fans and pump should begin operating. The LCD screen on the pump block will display default information or animations.

5.2 Software Installation and Control

To unlock the full customization features of the 2.8-inch LCD screen and control ARGB lighting, you must install the official PCCOOLER control software. Download the latest version from the official PCCOOLER website.

- The software allows you to monitor CPU/GPU temperatures, customize the display with images, GIFs, or short videos (MP4/GIF/JPG/PNG, up to 1920x1080 resolution, within 20MB).
- Adjust screen brightness and orientation.
- Control ARGB lighting effects and synchronization.



Image: The PCCOOLER CPS Control Software interface, showing options for uploading custom content and monitoring live system status.

LCD Customization Video

Video: A demonstration of the LCD customization options available through the PCCOOLER control software.

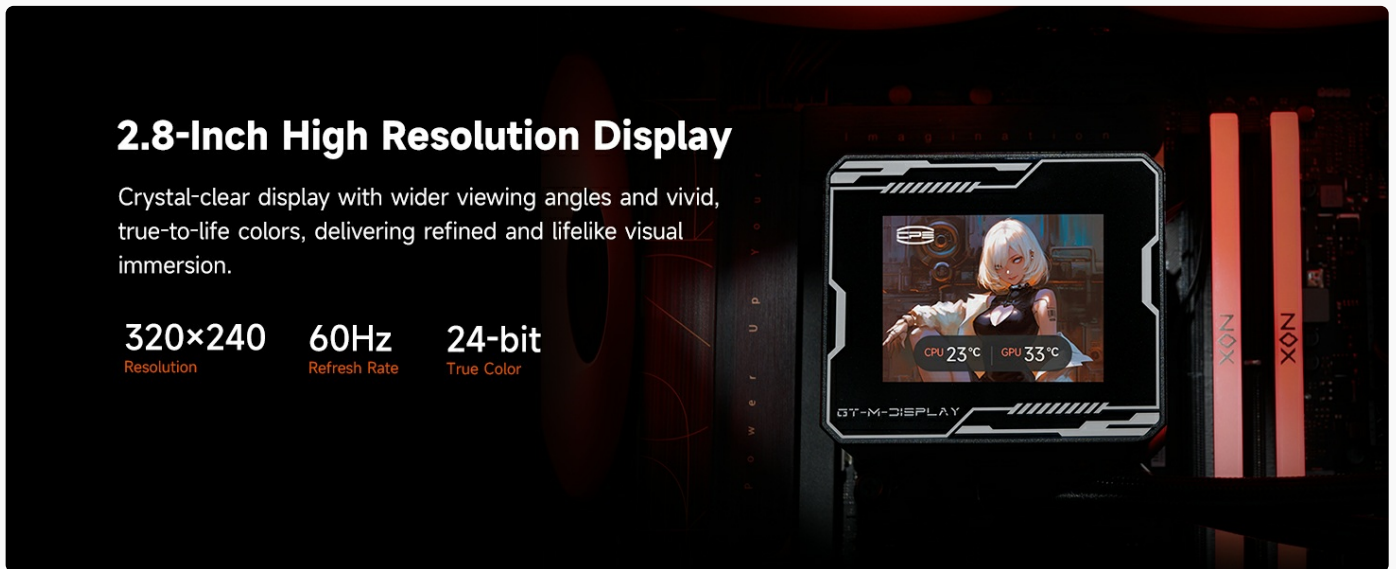


Image: A close-up of the 2.8-inch high-resolution LCD display, showing real-time CPU and GPU temperature readouts.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your liquid CPU cooler.

- **Dust Cleaning:** Periodically clean dust from the radiator fins and fan blades using compressed air. Ensure fans are not spinning during cleaning.
- **Tubing Inspection:** Check the EPDM composite liquid cooling tubes for any signs of kinks, leaks, or damage. The EPDM material is designed for durability and pressure tolerance.
- **Pump/Cold Plate:** Ensure the pump block is securely mounted and the thermal paste contact remains good. Reapply thermal paste if the cooler is removed or reinstalled.
- **Software Updates:** Keep the PCCOOLER control software updated to ensure compatibility and access to new features or bug fixes.



Image: A cross-section view of the EPDM Composite Liquid Cooling Tube, illustrating its robust construction for pressure tolerance.

7. TROUBLESHOOTING

If you encounter issues with your PCCOOLER GT360M, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
CPU temperatures are high	<ul style="list-style-type: none">• Poor contact between cold plate and CPU• Insufficient thermal paste• Pump not running or running slowly• Fans not spinning or spinning slowly• Radiator airflow obstructed by dust	<ul style="list-style-type: none">• Re-seat the pump block, ensuring even pressure.• Reapply thermal paste.• Check pump power connection (PUMP_FAN header).• Check fan power connections (PWM headers) and fan curves in BIOS/software.• Clean radiator fins and fan blades.
LCD screen is blank or flickering	<ul style="list-style-type: none">• USB 2.0 cable not connected or loose• PCCOOLER software not installed or running• Software conflict	<ul style="list-style-type: none">• Ensure the USB 2.0 cable is securely connected to both the pump block and motherboard header.• Download and install the latest PCCOOLER control software from the official website.• Restart the software or your system.• Check for conflicting RGB/monitoring software.
ARGB lighting not working or incorrect	<ul style="list-style-type: none">• ARGB cables not connected or loose• Incorrect ARGB header (5V vs. 12V)• Software not controlling ARGB	<ul style="list-style-type: none">• Verify all ARGB cables are securely connected to a 5V ARGB header or controller.• Ensure you are using a 5V ARGB header (3-pin) and not a 12V RGB header (4-pin).• Use the PCCOOLER software or motherboard's RGB software to control lighting.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

PCCOOLER products come with a 2-year warranty from the date of purchase, covering defects in materials and workmanship. This warranty does not cover damage caused by improper installation, accident, abuse, misuse, natural disaster, or unauthorized modification.

8.2 Customer Support

For technical assistance, warranty claims, or further inquiries, please visit the official PCCOOLER website or contact their customer support directly. Ensure you have your product model (GT360M) and proof of purchase available when contacting support.

Official PCCOOLER Website: www.pccooler.com

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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