

aigo ACSE360

Aigo AC SE 360 Rainbow 360mm Water Cooler Instruction Manual

1. INTRODUCTION

Thank you for choosing the Aigo AC SE 360 Rainbow 360mm Water Cooler. This all-in-one liquid cooling solution is designed to provide efficient thermal management for your high-performance CPU, featuring a 360mm triple radiator and vibrant ARGB lighting. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance and longevity of your product.



Image 1.1: Aigo AC SE 360 Rainbow 360mm Water Cooler assembled view.

2. SAFETY INFORMATION

- Always disconnect power from your computer before installation or maintenance.
- Handle components with care to avoid damage.
- Ensure proper grounding to prevent electrical hazards.
- Keep the product away from moisture and extreme temperatures.
- Do not attempt to open the pump or radiator, as this may void the warranty and cause leaks.
- Keep out of reach of children.

3. PACKAGE CONTENTS

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

- 1x Aigo AC SE 360 Water Cooler Unit (Radiator, Pump/CPU Block, Tubing)
- 3x 120mm ARGB Fans
- Mounting Hardware for Intel Sockets (LGA 115X, 1200, 1700, 2011, 2066)
- Mounting Hardware for AMD Sockets (AM2, AM3, AM4, AM5)
- Thermal Paste
- Fan Screws and Radiator Screws
- ARGB Controller (if included with your specific model)



Image 3.1: All components included in the Aigo AC SE 360 package.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your Aigo AC SE 360 Water Cooler:

1. **Prepare the Motherboard:** Install the appropriate backplate and standoffs for your CPU socket (Intel: 115X, 1200, 1700, 2011, 2066; AMD: AM2, AM3, AM4, AM5). Refer to your motherboard manual for specific instructions.

2. **Apply Thermal Paste:** Clean the CPU surface. Apply a small amount of thermal paste to the center of the CPU IHS (Integrated Heat Spreader).
3. **Mount the CPU Block/Pump:** Carefully place the CPU block onto the CPU, aligning it with the standoffs. Secure it with the provided screws, tightening them in a diagonal pattern until snug. The magnetic block design allows for easy rotation to align the logo or tubing as desired.
4. **Install Fans to Radiator:** Attach the three 120mm ARGB fans to the radiator using the longer screws provided. Ensure the fan airflow direction is correct for your case configuration (typically blowing air through the radiator).
5. **Mount Radiator:** Install the radiator assembly into your PC case. The 360mm radiator is compatible with most ATX cases that support this size. Secure it with the appropriate screws.
6. **Connect Fans (Daisy Chain):** The fans feature a daisy chain connection system. Connect the fans to each other in series, then connect the final fan's cable to the motherboard's fan header or an ARGB controller. This simplifies cable management by reducing the number of cables.
7. **Connect ARGB Lighting:** Connect the ARGB cables from the fans and pump to a 3-pin, 5V ARGB header on your motherboard or a dedicated ARGB controller. Ensure the voltage is correct (5V) to prevent damage.
8. **Connect Pump Power:** Connect the pump's 4-pin power connector to a dedicated AIO_PUMP or CPU_FAN header on your motherboard.
9. **Cable Management:** Organize all cables neatly to ensure proper airflow and a clean build.

5. OPERATING INSTRUCTIONS

Once installed, the Aigo AC SE 360 Water Cooler operates automatically to maintain optimal CPU temperatures. Here are key operational aspects:

- **Automatic Cooling:** The pump and fans will adjust their speed based on CPU temperature, ensuring efficient cooling. The pump operates at 12V with 3200 RPM, and fans operate between 800-1800 RPM.
- **ARGB Lighting Control:** The Rainbow ARGB lighting can be controlled via your motherboard's ARGB software (if connected to a compatible header) or through an included ARGB controller. This allows for various lighting effects and synchronization with other ARGB components.
- **Noise Level:** The cooler is designed for quiet operation, with a noise level of approximately 30 dB.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and performance of your water cooler:

- **Dust Cleaning:** Periodically clean the radiator fins and fan blades to prevent dust buildup, which can impede airflow and cooling performance. Use compressed air or a soft brush.
- **Inspect Tubing:** Check the tubing for any signs of kinks, leaks, or damage.
- **Monitor Temperatures:** Use monitoring software to keep an eye on your CPU temperatures. Significant increases may indicate a need for further inspection or cleaning.
- **Thermal Paste:** While not frequently required, reapplying thermal paste every few years can help maintain optimal thermal transfer.

7. TROUBLESHOOTING

If you encounter issues with your Aigo AC SE 360 Water Cooler, refer to the following common problems and

solutions:

Problem	Possible Cause	Solution
High CPU Temperatures	Insufficient thermal paste, poor contact, dust buildup, pump failure, fan failure.	Reapply thermal paste, ensure CPU block is securely mounted, clean radiator and fans, check pump/fan connections.
Fans Not Spinning	Loose fan connection, incorrect fan header, faulty fan.	Check fan cables and connections, ensure connected to appropriate motherboard header, test fans individually if possible.
No ARGB Lighting	Loose ARGB connection, incorrect ARGB header (e.g., 12V instead of 5V), faulty ARGB component.	Verify ARGB cables are securely connected to a 3-pin, 5V ARGB header. Check motherboard manual for correct header.
Unusual Noises	Air bubbles in loop, fan rubbing, pump issue.	Gently tilt the PC case to help dislodge air bubbles. Check for obstructions around fans. If pump noise persists, contact support.

8. SPECIFICATIONS

Feature	Detail
Model	AC SE 360
Radiator Size	360 mm (394 x 120 x 27 mm)
Fan Size	120 mm
Fan Speed	800-1800 RPM
Airflow	64.05 CFM
Static Pressure	1.85 mmH ₂ O
Noise Level	30 dB
Pump Voltage	12 Volts
Pump Speed	3200 RPM
Power Consumption	3.24 Watts
Bearing Type	Ceramic Bearing
TDP Supported	280 W
Compatible Sockets	Intel (LGA 115X, 1200, 1700, 2011, 2066), AMD (AM2, AM3, AM4, AM5)
Power Connector	4-pin
ARGB Connector	3-pin, 5V

9. WARRANTY AND SUPPORT

The Aigo AC SE 360 Water Cooler comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects under normal use conditions.

For technical support, warranty claims, or any questions not covered in this manual, please contact your retailer or the Aigo customer support team. Please have your proof of purchase and product model number (ACSE360) ready when contacting support.