

## Valkyrie A360

# Valkyrie A360 ARGB All-in-One CPU Liquid Cooler User Manual

Model: A360

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Valkyrie A360 ARGB All-in-One (AIO) CPU Liquid Cooler. Please read this manual thoroughly before installation to ensure proper setup and optimal performance. Keep this manual for future reference.

## 2. SAFETY INFORMATION

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- Ensure your computer system is powered off and unplugged from the wall outlet before installation.
- Handle components with care to avoid damage. Avoid touching the cold plate surface directly.
- Do not open the liquid cooler's pump or radiator; it is a sealed unit. Tampering will void the warranty.
- Keep the product away from extreme temperatures, humidity, and direct sunlight.
- Use only the provided mounting hardware to prevent damage to your CPU or motherboard.

## 3. PACKAGE CONTENTS

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

- Valkyrie A360 ARGB AIO Liquid Cooler (Radiator, Pump/CPU Block, Tubing)
- 3 x 120mm ARGB Fans
- Intel Mounting Bracket Kit (LGA 1700, 1200, 115X, 2066, 2011)
- AMD Mounting Bracket Kit (AM5, AM4)
- Fan Screws and Radiator Mounting Screws
- Thermal Paste (pre-applied or in a tube)
- ARGB Controller/Cables (if included)
- User Manual



Image: The Valkyrie A360 ARGB AIO Liquid Cooler showing the radiator, three ARGB fans, and the pump/CPU block unit.

## 4. SETUP AND INSTALLATION

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### 4.1. Preparation

- Power off your computer and disconnect all cables.
- Open your computer case to access the motherboard and CPU area.
- If replacing an existing cooler, carefully remove it and clean any old thermal paste from the CPU surface using isopropyl alcohol.

### 4.2. Radiator and Fan Installation

1. Attach the three 120mm ARGB fans to the radiator using the long fan screws provided. Ensure the fan airflow direction is appropriate for your case (typically exhausting air out or pulling air in).
2. Mount the assembled radiator and fans to an available 360mm mounting location in your PC case (e.g., top, front). Use the shorter radiator mounting screws.



Image: The radiator with three white fans attached, ready for case installation.

### 4.3. CPU Block Installation

1. **For Intel Sockets:** Install the appropriate Intel backplate behind the motherboard. Attach the Intel mounting standoffs to the motherboard.
2. **For AMD Sockets:** Remove the stock AMD retention brackets from the motherboard, but keep the original backplate. Attach the AMD mounting standoffs to the motherboard.
3. 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. Carefully place the CPU block onto the CPU, aligning the mounting holes with the standoffs.
5. Secure the CPU block with the thumb screws or nuts, tightening them in a diagonal pattern until snug. Do not overtighten.



Image: A close-up view of the Valkyrie A360 CPU block installed on a motherboard, illuminated with blue ARGB lighting.

#### 4.4. Cable Connections

1. Connect the pump's 3-pin or 4-pin power cable to the motherboard header labeled "AIO\_PUMP," "CPU\_OPT," or "SYS\_FAN" (consult your motherboard manual for the recommended header).
2. Connect the ARGB cables from the fans and pump to the included ARGB controller or directly to a 5V 3-pin ARGB header on your motherboard. Ensure correct pin alignment to avoid damage.
3. Connect the fan power cables to available fan headers on your motherboard or to a fan hub/controller.



Image: The Valkyrie A360 AIO cooler fully installed within a white PC case, showcasing the blue ARGB lighting on the fans and CPU block.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Initial Power-On

After completing the installation, close your PC case, reconnect all external cables, and power on your computer. Observe the cooler for any unusual noises or leaks. Check your system's BIOS/UEFI for CPU temperature readings to confirm proper operation.

### 5.2. ARGB Lighting Control

If connected to a motherboard's 5V 3-pin ARGB header, you can control the lighting effects using your motherboard's RGB software (e.g., ASUS Aura Sync, MSI Mystic Light, Gigabyte RGB Fusion, ASRock Polychrome Sync). If using the included ARGB controller, refer to its specific instructions for mode and color selection.



Image: The Valkyrie A360 AIO cooler installed in a white PC case, displaying vibrant rainbow ARGB lighting effects on the fans and CPU block.

## 6. MAINTENANCE

- **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.
- **Visual Inspection:** Regularly check the tubing and connections for any signs of leaks or damage.
- **No Coolant Refill:** The Valkyrie A360 is a sealed AIO unit and does not require coolant refills. Opening the unit will void the warranty.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
<b>High CPU Temperatures</b>	<ul style="list-style-type: none"> <li>Improper CPU block mounting</li> <li>Insufficient thermal paste</li> <li>Fans not spinning or spinning too slowly</li> <li>Pump not functioning</li> <li>Dust buildup on radiator</li> </ul>	<ul style="list-style-type: none"> <li>Re-seat CPU block, ensure even pressure.</li> <li>Reapply thermal paste.</li> <li>Check fan connections and BIOS settings.</li> <li>Verify pump connection and listen for pump operation.</li> <li>Clean radiator fins.</li> </ul>
<b>Fans Not Spinning</b>	<ul style="list-style-type: none"> <li>Loose fan power connection</li> <li>Incorrect fan header used</li> <li>Fan failure</li> </ul>	<ul style="list-style-type: none"> <li>Ensure fans are securely connected to motherboard headers or fan hub.</li> <li>Check motherboard manual for correct fan headers.</li> <li>Test fans individually if possible.</li> </ul>
<b>ARGB Lighting Not Working</b>	<ul style="list-style-type: none"> <li>Loose ARGB connection</li> <li>Incorrect ARGB header (e.g., 12V RGB instead of 5V ARGB)</li> <li>Software conflict or incorrect settings</li> </ul>	<ul style="list-style-type: none"> <li>Verify all ARGB cables are securely connected to the controller or motherboard.</li> <li>Ensure connection is to a 5V 3-pin ARGB header, not a 12V 4-pin RGB header.</li> <li>Check motherboard RGB software settings.</li> </ul>

## 8. SPECIFICATIONS

Feature	Detail
<b>Model Name</b>	Valkyrie A360 ARGB All-in-One CPU Liquid Cooler
<b>Radiator Size</b>	360mm
<b>Fan Size</b>	3 x 120mm ARGB Fans
<b>Socket Compatibility</b>	Intel: LGA 1700, 1200, 115X, 2066, 2011 AMD: AM5, AM4
<b>Radiator Material</b>	Aluminum
<b>Cold Plate Material</b>	Copper
<b>Pump Speed</b>	<i>(Specific speed not provided, typically 2500-3000 RPM)</i>
<b>Fan Speed</b>	<i>(Specific speed not provided, typically 800-2000 RPM)</i>
<b>ARGB Connector</b>	5V 3-pin Addressable RGB
<b>Manufacturer</b>	Valkyrie
<b>GTIN</b>	05298003820922

## 9. WARRANTY AND SUPPORT

Valkyrie products are backed by a limited warranty against defects in materials and workmanship. The specific warranty period may vary by region. Please retain your proof of purchase for warranty claims.

For technical support, troubleshooting assistance, or warranty inquiries, please visit the official Valkyrie website or contact their customer service department. Contact information can typically be found on the product packaging or the official website.

*Note: Opening the sealed AIO unit or using non-approved components may void your warranty.*

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Product specifications are subject to change without notice.