

upHere up1KC4

upHere gaming up1KC4 ARGB CPU Air Cooler Instruction Manual

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1. PRODUCT OVERVIEW

The upHere gaming up1KC4 ARGB CPU Air Cooler is engineered for efficient heat dissipation, ensuring optimal performance for your CPU. It features a single tower design with 4 pure copper heat pipes, a high-performance 120mm PWM fan, and supports 5V ARGB synchronization for customizable lighting effects.

Key features include:

- **Broad Compatibility:** Supports Intel LGA2011/2066/1700 and AMD AM5/AM4/AM3/AM2/AM3+/AM2+/FM2/FM1 sockets.
- **Efficient Heat Transfer:** Four $\Phi 6\text{mm}$ pure copper heat pipes make direct contact with the CPU for maximum heat transfer.
- **RAM Clearance:** Designed with 100% RAM clearance for hassle-free installation.
- **Quiet & Powerful Fan:** A 120mm PWM fan optimizes airflow, reducing noise to 26 dB(A) while providing efficient cooling.
- **ARGB Lighting:** Supports 5V ARGB synchronization for dynamic lighting effects with compatible motherboards.
- **Easy Installation:** Simplified installation process allows mounting without removing the fan.

2. SETUP AND INSTALLATION

Before beginning installation, ensure your system is powered off and disconnected from the power source. Refer to your motherboard manual for specific CPU socket preparation.

2.1. Package Contents

Verify that all components are present in the package:

- Radiator (1)
- Accessory Bag (1)
- Thermal Paste (1)
- Screwdriver (1)
- User Manual (1)

2.2. CPU Socket Compatibility

This cooler supports the following CPU sockets:

- **Intel:** LGA2011, LGA2066, LGA1700, LGA1200, LGA115X (1150, 1151, 1155, 1156), LGA1366
- **AMD:** AM5, AM4, AM3, AM2, AM3+, AM2+, FM2, FM1

AMD/Intel Support

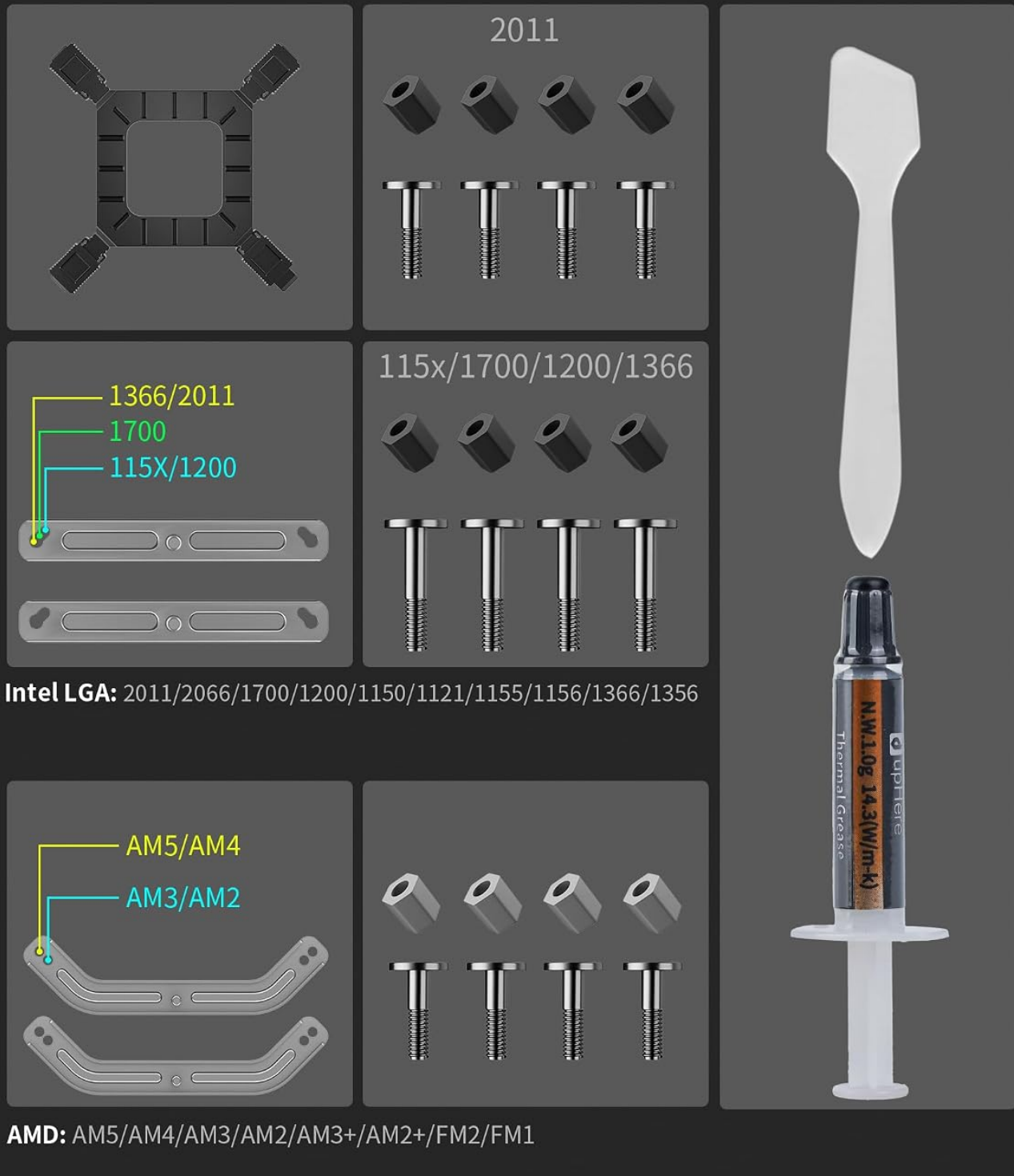


Image: AMD/Intel Support. This diagram illustrates the different mounting brackets and screws required for various Intel (LGA2011/2066/1700/1200/115X/1366) and AMD (AM5/AM4/AM3/AM2/AM3+/AM2+/FM2/FM1) CPU sockets.

2.3. Installation Steps

1. **Prepare Motherboard:** Install the appropriate backplate (if required for your socket type) and standoffs onto your motherboard.
2. **Apply Thermal Paste:** Apply a small, pea-sized amount of the included thermal paste to the center of your CPU's integrated heat spreader (IHS). Use the provided spatula to spread it evenly if desired, or allow the

cooler's pressure to spread it.

3. **Attach Mounting Brackets:** Secure the correct mounting brackets for your CPU socket to the cooler's base.
4. **Mount Cooler:** Carefully place the CPU cooler onto the CPU, aligning the mounting holes. Secure the cooler to the standoffs using the provided screws. The design allows for installation without removing the fan.

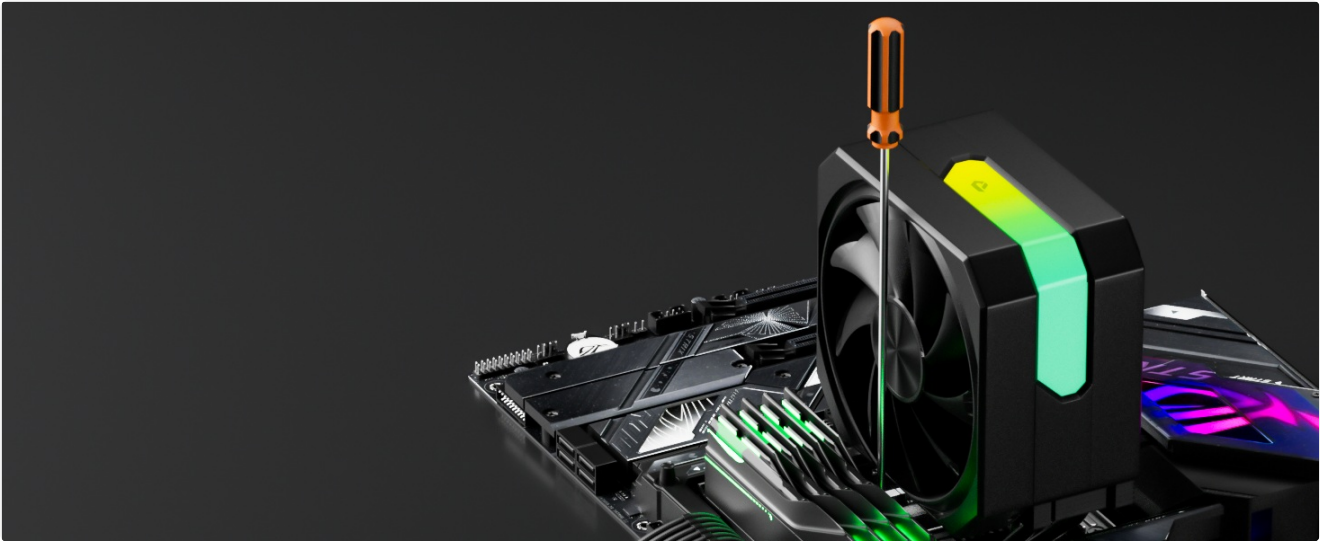


Image: Easy Installation. This image demonstrates the simplified installation process, allowing the radiator and mounting kit to be installed from above without needing to remove the fan.

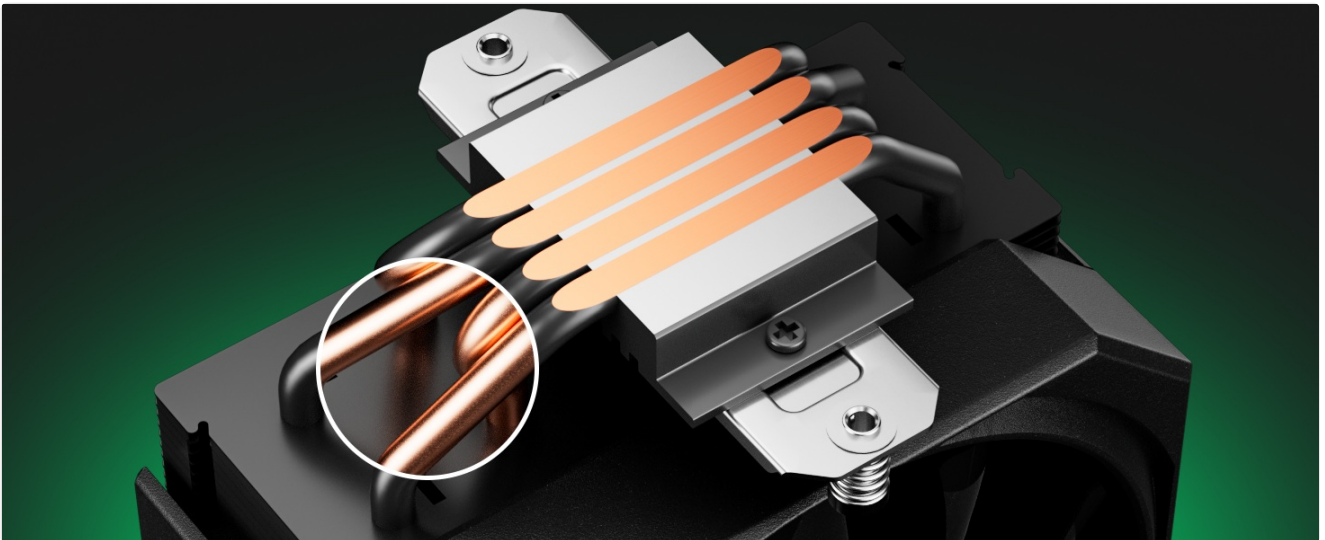


Image: 4X Pure Copper Direct Contact Heat Pipes. This close-up shows the four $\Phi 6\text{mm}$ pure copper heat pipes precisely crafted to make direct contact with the CPU core, ensuring rapid heat dissipation.



Image: Compact Design 100% RAM Clearance. This image illustrates the cooler's compact height of 155mm, designed to provide 100% clearance for RAM modules, fitting most motherboards and cases.

2.4. Connect Cables

- **PWM Fan Cable:** Connect the 4-pin PWM fan cable to the CPU_FAN header on your motherboard.
- **ARGB Cable:** Connect the 5V ARGB cable to a compatible 3-pin 5V ARGB header on your motherboard. Ensure correct polarity to avoid damage.

3. OPERATING INSTRUCTIONS

3.1. PWM Fan Control

The 120mm PWM fan automatically adjusts its speed based on CPU temperature, providing an optimal balance between cooling performance and noise levels. You can configure fan curves through your motherboard's BIOS/UEFI settings or dedicated software.

Prestazioni Ventola PWM

Il design completamente chiuso ottimizza il flusso d'aria e la ventola PWM garantisce un raffreddamento silenzioso ed efficiente.



≤26 dB(A)

Rumore



600-1650RPM ±10%

Velocità della ventola



68.2 CFM

Flusso d'aria



1.55mm/H2O

Pressione dell'aria

Image: PWM Fan Performance. This image highlights the fan's performance characteristics: Noise ≤26 dB(A), Fan Speed 600-1650RPM ±10%, Airflow 68.2 CFM, and Air Pressure 1.55mm/H2O. The fully enclosed design optimizes airflow for quiet and efficient cooling.

3.2. ARGB Lighting Synchronization

The 5V ARGB lighting can be synchronized with other compatible components in your system. Connect the ARGB cable to your motherboard's 5V ARGB header and use the motherboard's software (e.g., ASUS Aura Sync, MSI Mystic Light Sync, GIGABYTE RGB Fusion, ASRock Polychrome Sync, BIOSTAR RGB Sync) to customize lighting

effects.



Image: 5V ARGB SYNC. This image displays the cooler's 5V ARGB lighting capabilities, synchronizing with other system components for a cohesive visual experience. Compatible with major motherboard ARGB software.

4. MAINTENANCE

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

- **Dust Cleaning:** Periodically clean the fan blades and heatsink fins to prevent dust buildup, which can impede airflow and reduce cooling efficiency. Use compressed air or a soft brush. Ensure the system is powered off before cleaning.
- **Thermal Paste Replacement:** It is recommended to replace the thermal paste every 1-2 years, or if you remove and re-install the cooler. Clean off old thermal paste thoroughly before applying new paste.
- **Fan Inspection:** Check the fan for any signs of wear, unusual noises, or obstructions. Ensure the fan cable is securely connected.

5. TROUBLESHOOTING

If you encounter issues with your upHere gaming up1KC4 CPU Air Cooler, refer to the following common problems and solutions:

- **Fan Not Spinning:**
 - Check if the 4-pin PWM fan cable is securely connected to the CPU_FAN header on the motherboard.
 - Verify fan settings in the motherboard BIOS/UEFI.
 - Ensure the system is receiving power.
- **High CPU Temperatures:**
 - Confirm that the cooler is properly seated and making firm contact with the CPU.
 - Check if thermal paste was applied correctly and is sufficient. Reapply if necessary.
 - Ensure the fan is spinning and not obstructed by cables or dust.
 - Verify adequate airflow within your PC case.
- **ARGB Lighting Not Working/Synchronizing:**
 - Ensure the 5V ARGB cable is correctly connected to a 3-pin 5V ARGB header (not a 4-pin 12V RGB header). Incorrect connection can damage the LEDs.
 - Check your motherboard's ARGB software settings.
 - Verify that the ARGB header on your motherboard is enabled in the BIOS/UEFI.
- **Unusual Noise from Fan:**
 - Inspect the fan for any obstructions (e.g., loose cables).
 - Ensure the fan is securely mounted and not vibrating against other components.
 - Clean any dust buildup on the fan blades.

6. TECHNICAL SPECIFICATIONS

Specifiche Tecniche



Tubi di calore: 4XΦ6mm

Dimensioni del prodotto: 155*130*71mm

Velocità della ventola: 600-1650RPM±10%

Flusso d'aria della ventola: 68.2CFM

Cuscinetto: Cuscinetto idraulico

Connettore della ventola: 4-Pin
5v 3-Pin (+5V-D-G)



155mm/6.1in



Image: Technical Specifications. This diagram provides key technical details and dimensions of the upHere gaming up1KC4 CPU cooler, including heat pipe count, product dimensions, fan speed, airflow, bearing type, and power connector type.

Feature	Detail
Product Dimensions	13L x 7.1W x 15.5H cm (5.11L x 2.8W x 6.1H inches)
Brand	upHere

Feature	Detail
Power Connector Type	4-pin PWM
Wattage	1.45 watts
Cooling Method	Air
Compatible Devices	Desktop Computer
Manufacturer	upHere gaming
Number of Items	1
Part Number	up1KC4 IT UG
Item Weight	685 Grams
Included Components	Radiator, Accessory Bag, Thermal Paste, Screwdriver, User Manual
Heat Pipes	4 x Φ6mm Pure Copper
Fan Speed	600-1650 RPM ±10%
Airflow	68.2 CFM
Noise Level	≤26 dB(A)
Bearing Type	Hydraulic Bearing
TDP	230W

7. WARRANTY INFORMATION

upHere products are manufactured to the highest quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official upHere website. Keep your proof of purchase for warranty claims.

8. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need further support, please contact upHere customer service through their official website or the retailer where you purchased the product. Provide your product model (up1KC4) and a detailed description of the issue for faster service.

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