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> Sharkoon A60 White RGB CPU Cooler User Manual

Sharkoon A60

Sharkoon A60 White RGB CPU Cooler User Manual

Model: A60

INTRODUCTION

The Sharkoon A60 RGB is a high-performance dual-tower CPU air cooler designed for efficient heat dissipation. It features two 120mm PWM fans and an RGB infinity mirror effect. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your cooler.



Front view of the Sharkoon A60 White RGB CPU Cooler, showcasing its dual-tower design and fan.

PACKAGE CONTENTS

Please verify that all components are present before beginning installation.

- Sharkoon A60 RGB CPU Cooler (Heatsink with pre-installed fans)
- Mounting Hardware Kit (for various CPU sockets)
- Thermal Paste
- Screwdriver
- User Manual

TECHNICAL SPECIFICATIONS

Brand	Sharkoon
Model	A60
Power Connector Type	4-Pin (PWM)

Voltage	12 Volts
Wattage	3.6 watts
Cooling Method	Fan
Compatible Devices	Desktop, Laptop
Manufacturer	Sharkoon Technologies GmbH
Number of Items	1
Item Weight	960 Grams
Thermal Design Power (TDP)	260W
Dimensions (L x W x H)	120 x 125 x 159 mm
Socket Compatibility	LGA1851, LGA1700, AM5, AM4, and other standard CPU sockets

SETUP AND INSTALLATION

This section guides you through the process of installing the Sharkoon A60 RGB CPU Cooler onto your motherboard. Ensure your system is powered off and unplugged before proceeding.

Step 1: Prepare the Motherboard

Identify the correct mounting holes for your CPU socket type (e.g., Intel LGA1700/1851, AMD AM5/AM4). Refer to your motherboard manual for socket identification.

Step 2: Attach the Mounting Bracket

Assemble the appropriate backplate and mounting brackets for your CPU socket. Secure them to the motherboard according to the instructions provided with the mounting kit.



Illustration of the mounting hardware components for the CPU cooler.

Step 3: Apply Thermal Paste

Clean the CPU surface with isopropyl alcohol. Apply a small, pea-sized amount of thermal paste to the center of the CPU's integrated heat spreader (IHS). Do not spread it manually; the pressure from the cooler will distribute it evenly.



Close-up view of the cooler's base with direct touch heatpipes, ready for thermal paste application.

Step 4: Install the Cooler

Carefully place the CPU cooler onto the CPU, aligning the mounting screws with the bracket. Tighten the screws in a diagonal pattern until snug, ensuring even pressure. Do not overtighten.

Step 5: Connect Fans and RGB

Connect the 4-pin PWM fan cables from both 120mm fans to the CPU_FAN header(s) on your motherboard. Connect the RGB cable to a compatible 3-pin 5V addressable RGB header on your motherboard.

OPERATING INSTRUCTIONS

Fan Control

The Sharkoon A60 RGB features PWM-controlled fans. Fan speed is automatically regulated by your motherboard based on CPU temperature. You can adjust fan curves through your motherboard's BIOS/UEFI settings or dedicated software.

RGB Lighting Control

The RGB lighting of the A60 RGB can be controlled via your motherboard's RGB software (e.g., ASUS Aura Sync, MSI Mystic Light, Gigabyte RGB Fusion, ASRock Polychrome Sync) if connected to a compatible 3-pin 5V ARGB header. Refer to your motherboard's manual for specific software instructions.



Top view of the Sharkoon A60 RGB CPU Cooler, showcasing the illuminated infinity mirror effect.

MAINTENANCE

Regular maintenance ensures optimal cooling performance and extends the lifespan of your CPU cooler.

- **Dust Removal:** Periodically clean the heatsink fins and fan blades using compressed air or a soft brush. Ensure the system is powered off and unplugged before cleaning.
- **Fan Inspection:** Check fan blades for any obstructions or damage. Ensure fans spin freely without excessive noise.
- **Thermal Paste:** Reapply thermal paste if you remove the cooler for any reason, or if CPU temperatures become consistently higher than usual after extended use (e.g., 2-3 years).

TROUBLESHOOTING

- **High CPU Temperatures:**

- Ensure the cooler is securely mounted and making good contact with the CPU.
 - Verify thermal paste application.
 - Check fan connections and ensure they are spinning.
 - Clean dust from heatsink fins.
 - Adjust fan curves in BIOS/UEFI.
- **Fans Not Spinning:**
 - Check if fan cables are correctly connected to the CPU_FAN header(s).
 - Ensure the motherboard is supplying power to the fan headers.
 - Test fans on a different header if available.
- **RGB Lighting Not Working:**
 - Verify the RGB cable is correctly connected to a compatible 3-pin 5V ARGB header.
 - Ensure your motherboard's RGB software is installed and configured correctly.
 - Check for any loose connections.
- **Excessive Fan Noise:**
 - Check for obstructions in fan blades.
 - Ensure fans are securely mounted and not vibrating against other components.
 - Adjust fan speed settings in BIOS/UEFI to a quieter profile if temperatures allow.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Sharkoon website or contact their customer service. Keep your proof of purchase for warranty claims.