Geometric Future Eskimo Pro 360

Geometric Future Eskimo Pro 360mm AIO CPU Liquid Cooler User Manual

Model: Eskimo Pro 360 (GEO-EP-36B)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Geometric Future Eskimo Pro 360mm 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.

Image 1.1: Geometric Future Eskimo Pro 360mm AIO CPU Liquid Cooler.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- Eskimo Pro 360mm Radiator with Integrated Pump/CPU Block
- 3 x Squama 2501 ARGB PWM Fans
- Intel Mounting Brackets and Hardware (LGA 1700/1851, 1200/115X, 2011/2066)
- AMD Mounting Brackets and Hardware (AM4/AM5)
- High-Conductivity Thermal Paste (GF10)
- Fan Screws and Radiator Mounting Screws
- ARGB and PWM Splitter Cables
- User Manual

Unique ARGB CPU Block

The Eskimo Pro's CPU block showcases an elegant ARGB design, complete with a textured diffuser that produces a distinctive ARGB gradient effect.

Image 2.1: Overview of the Eskimo Pro 360mm AIO cooler with fans and pump/block.

3. SAFETY INFORMATION

Observe the following safety guidelines during installation and operation:

- Ensure your computer is powered off and unplugged from the wall outlet before installation.
- Handle components with care to avoid damage.
- Refer to your motherboard manual for specific fan and ARGB header locations.
- Avoid touching the fan blades while they are spinning.
- Do not attempt to open or modify the sealed liquid cooling loop.

4. SETUP AND INSTALLATION

Follow these steps to install your Eskimo Pro 360mm AIO liquid cooler.

4.1 Pre-Installation

- **Check Case Compatibility:** Ensure your PC case has sufficient space to mount a 360mm radiator

(typically at the top or front).

- **Prepare CPU:** Clean any old thermal paste from your CPU and CPU cooler mounting area on the motherboard.

4.2 Mounting the CPU Block

1. Identify the correct mounting bracket for your CPU socket (Intel LGA 1700/1851, 1200/115X, 2011/2066 or AMD AM4/AM5).

2. Attach the appropriate backplate to the rear of your motherboard, if required by your socket type.

3. Secure the standoffs to the motherboard.

4. Apply a small amount of the provided GF10 high-conductivity thermal paste to the center of your CPU's integrated heat spreader (IHS).

5. Carefully place the CPU block onto the CPU, aligning the mounting holes.

6. Secure the CPU block with the retention screws, tightening them in a diagonal pattern until snug.

Eskimo Pro 360 Product Specifications

Model	Eskimo Pro 36 B/W
Intel® Socket	LGA2066/2011V3/2011/1200/1156/1155/1151/1150/1700/1851
AMD® Socket	AM4/AM5
Radiator Dimensions (LxWxH)	397 x 120 x 27 mm
Radiator Material	Aluminum
Thermal Paste	GF10 High thermal conductivity paste, syringe applicator
Pump Dimensions (LxWxH)	71.5 x 71.5 x 54 mm
Pump Noise	28.2 dBA
ARGB Control	Motherboard synchronized lighting effects
Coolant Pump	Three-phase, nine-stage
Motor speed	3200 RPM (+/-10%)
Bearing type	Ceramic
Maximum flow	1.5 L/min
Input voltage	12V
Input current (without fan)	0.35A
Rated power (without fan)	4.2W
Tube Length	450 mm
Tube Material	Low-Volatility Polymer tubing, Nylon-braided mesh rubber casing
Tube Connector	Aluminum pagoda head
MTTF	>40000 hours

Fan	Squama 2501 B/W Fan x 3
Dimensions	120 x 120 x 25 mm
Fan Control	ARGB control PWM control
Fan Noise	34.2 dBA
Fan Speed	2000 RPM (+/-10%)
Fan Airflow	80.81 CFM
Fan Pressure	2.78 mmH$_2$O
ARGB rated voltage	5V
ARGB rated current	0.18A
ARGB rated power	0.9W
Fan rated voltage	12V
Fan rated current	0.36A
Fan rated power	4.32W
Warranty	3 years

Image 4.1: Universal compatibility with Intel and AMD CPU mounting brackets.

High-conductivity Thermal Paste

The Eskimo Pro 36 includes a specially formulated GF10 high-conductivity thermal paste, which is designed to handle demanding CPU workloads.

Image 4.2: Illustration of applying high-conductivity thermal paste to the CPU.

4.3 Installing Radiator and Fans

1. Attach the three Squama 2501 ARGB fans to the radiator using the provided fan screws. Ensure the fan airflow direction is appropriate for your case's cooling strategy (intake or exhaust).
2. Mount the radiator assembly into your PC case using the longer radiator screws.

3-Year Warranty

Thoroughly tested for reliable operation, we offer a 3-year warranty. This product has passed multiple international certifications, ensuring quality and safety.

Quality Assurance

After-Sales Support

Service Commitment

CE   FC   RoHS Green Product   UK CA

Image 4.3: Side view of the radiator, showing the cooling fins.

Image 4.4: Close-up of a Squama 2501 ARGB fan, featuring dragon-scale textured blades.

4.4 Connecting Cables

- **Pump Power:** Connect the pump's 3-pin or 4-pin connector to a dedicated AIO_PUMP or CPU_FAN header on your motherboard. Consult your motherboard manual for the correct header.
- **Fan Power:** Connect the PWM cables from the Squama 2501 fans to the CPU_FAN or SYS_FAN headers on your motherboard, using the provided splitter cable if necessary.
- **ARGB Lighting:** Connect the ARGB cables from the CPU block and fans to a 5V 3-pin ARGB header on your motherboard, using the provided splitter cable if necessary. Do not connect to a 12V RGB header, as this will damage the LEDs.

5. OPERATING INSTRUCTIONS

Once installed, the Eskimo Pro 360mm AIO cooler operates automatically to maintain optimal CPU temperatures.

5.1 Initial Power-On

After completing the installation, power on your computer. The fans and pump should start operating, and the ARGB lighting on the CPU block and fans should illuminate.

5.2 ARGB Lighting Control

The ARGB lighting is motherboard-synchronized. Use your motherboard's RGB software (e.g., ASUS Aura Sync, MSI Mystic Light Sync, Gigabyte RGB Fusion, ASRock Polychrome Sync) to customize lighting effects and colors.

Image 5.1: Close-up of the unique ARGB CPU block with a textured diffuser.

5.3 Fan and Pump Speed Control

The fans are PWM controlled, and the pump speed is regulated by the motherboard. You can adjust fan and pump curves through your motherboard's BIOS/UEFI settings or dedicated software to optimize for noise levels and cooling performance.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and performance of your AIO cooler.

- **Dust Cleaning:** Periodically clean dust from the radiator fins and fan blades using compressed air or a soft brush. Ensure fans are not spinning during cleaning.
- **Cable Management:** Ensure all cables are securely connected and not interfering with fan operation or airflow.
- **Visual Inspection:** Occasionally inspect the tubing for any signs of wear or leaks. The low-volatility polymer tubing with nylon-braided mesh is designed for durability.

Image 6.1: Illustration of the low-volatility polymer tubing with a durable nylon braided rubber sleeve.

7. TROUBLESHOOTING

If you encounter issues with your Eskimo Pro 360mm AIO cooler, refer to the following common problems and solutions.

- **High CPU Temperatures:**

  - Ensure the CPU block is properly seated and making full contact with the CPU.
  - Verify that thermal paste was applied correctly.
  - Check that fans are spinning and oriented for optimal airflow.
  - Confirm the pump is receiving power and operating.

- **Pump Noise:**

  - AIO pumps can sometimes produce noise due to air bubbles in the loop. Try gently tilting or shaking your PC case while it's running to help dislodge air bubbles.
  - Adjust pump speed settings in your motherboard's BIOS/UEFI. Lower speeds may reduce noise.
  - Ensure the radiator is mounted higher than the CPU block if possible, to keep air bubbles away from the pump.

- **ARGB Lighting Not Working:**

  - Verify all ARGB cables are securely connected to the 5V 3-pin ARGB header on your motherboard.
  - Ensure your motherboard's RGB software is installed and configured correctly.
  - Check for any physical damage to the ARGB cables or connectors.

8. SPECIFICATIONS

Detailed technical specifications for the Geometric Future Eskimo Pro 360mm AIO Liquid Cooler:

Component	Specification
Model	Eskimo Pro 36 B/W
Intel® Socket Compatibility	LGA2066/2011v3/2011/1200/115X/1700/1851
AMD® Socket Compatibility	AM4/AM5
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Component	Specification
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Fan rated current	0.36A
Fan rated power	4.32W
Warranty	3 years

Image 8.1: Detailed product specifications for the Eskimo Pro 360mm AIO cooler.

9. WARRANTY INFORMATION

The Geometric Future Eskimo Pro 360mm AIO CPU Liquid Cooler comes with a **3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

The product has undergone rigorous testing and holds multiple international certifications, including CE, FC, RoHS, and UKCA, ensuring quality and safety standards are met.
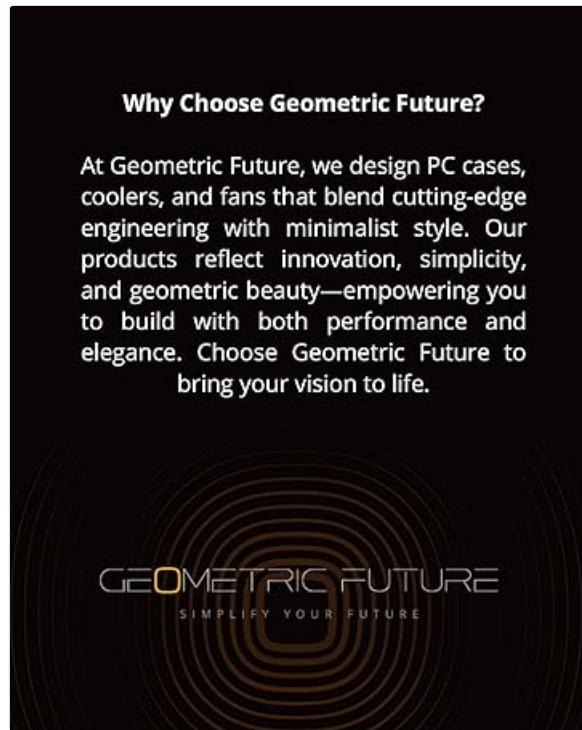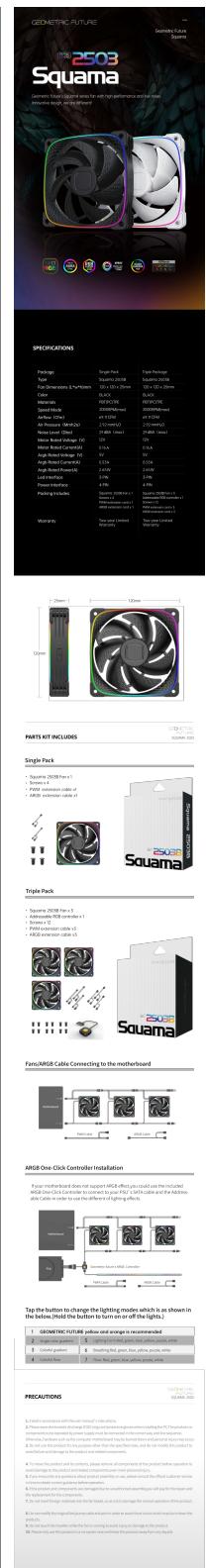
Image 9.1: Overview of the 3-year warranty and product certifications.

10. SUPPORT

For technical assistance, warranty claims, or any questions regarding your Geometric Future Eskimo Pro 360mm AIO CPU Liquid Cooler, please contact Geometric Future customer support through their official website or the retailer where the product was purchased. Provide your product model and a detailed description of the issue for efficient support.

Related Documents - Eskimo Pro 360

	[Geometric Future Eskimo Junior 24/36 CPU Cooler User Guide](#) Comprehensive user guide for the Geometric Future Eskimo Junior 24 and 36 All-in-One liquid CPU coolers, detailing specifications, package contents, and installation instructions.
	[Geometric Future Squama 2501B/2501W ARGB PWM Computer Fans - User Guide & Specifications](#) Detailed information on the Geometric Future Squama 2501B and 2501W computer fans, including package contents, connection diagrams, troubleshooting, safety notices, and manufacturer details.
	[Geometric Future Squama 3805 Series ARGB PWM PC Fans - User Guide](#) Detailed information and specifications for the Geometric Future Squama 3805 series PC fans, including 3805B and 3805W models. Covers product contents, installation notices, troubleshooting, and manufacturer details.

[Geometric Future Squama 2503 RGB Fan - High Performance and Low Noise](#)

Discover the Geometric Future Squama 2503, a high-performance RGB fan designed for quiet operation and innovative aesthetics. Compatible with ASUS Aura Sync, RGB Fusion 2.0, MSI Mystic Light Sync, Razer Chroma RGB, and ASRock Polychrome Sync.

	[Geometric Future 2503-14 Squama Fan User Guide](#) User guide for the Geometric Future 2503-14 Squama PC fan, detailing product contents, connection instructions, troubleshooting, safety notices, manufacturer information, and EU recycling guidelines.
	[TRYX Panorama SE 360 ARGB AIO Cooler: User Manual & Specifications](#) Comprehensive user manual for the TRYX Panorama SE 360 ARGB All-In-One liquid CPU cooler. Features a 6.5-inch curved AMOLED display with customizable effects, 360mm radiator, Asetek Adela pump, and support for Intel LGA 1851/1700/1200/115X and AMD AM5/AM4 sockets. Includes installation guide, specifications, and compatibility information.