

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [SilverStone](#) /

› [SilverStone Technology NovaPeak 240 ARGB All-in-one Liquid Cooler Instruction Manual](#)

SilverStone SST-NP240-ARGB

SilverStone NovaPeak 240 ARGB All-in-one Liquid Cooler Instruction Manual

Model: SST-NP240-ARGB



1. INTRODUCTION

Thank you for choosing the SilverStone NovaPeak 240 ARGB All-in-one Liquid Cooler. This product is designed to provide efficient cooling for your Intel or AMD processor while offering customizable ARGB lighting effects. This manual provides essential information for proper installation, operation, and maintenance of your liquid cooler.



Image 1.1: SilverStone NovaPeak 240 ARGB Liquid Cooler with two ARGB fans and pump head.

2. SAFETY INFORMATION

Please read and understand the following safety precautions before installation and operation:

- Ensure your system is powered off and unplugged from the wall outlet before installation.
- Handle components with care to avoid damage.
- Do not attempt to open or modify the liquid cooler components.
- Keep the product away from moisture and extreme temperatures.
- If any leakage is observed, immediately power off your system and contact support.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- NovaPeak 240 ARGB Liquid Cooler (Radiator, Pump, Tubing)
- 2x 120mm ARGB Radiator Fans

- Mounting Hardware for Intel LGA 115x/1200/1700/1851/2011/2066 sockets
- Mounting Hardware for AMD AM5/AM4 sockets
- ARGB Controller
- Thermal Paste
- User Manual

4. INSTALLATION GUIDE

Follow these steps carefully for proper installation. Refer to your motherboard and PC case manuals for specific guidance on component placement.

4.1. Prepare the Radiator and Fans

1. Attach the two 120mm ARGB fans to the radiator using the provided screws. Ensure the fan airflow direction is appropriate for your case's cooling strategy (typically exhausting air out of the case).
2. Connect the fan PWM and ARGB cables. The NovaPeak fans feature a modular cabling design for streamlined connectivity, allowing daisy-chaining.



Image 4.1: Fans connected via daisy-chain for simplified cable management.

4.2. Install the Radiator

3. Mount the radiator assembly into your PC case. Common mounting locations include the top or front of the case. Secure it with the appropriate screws.



Image 4.2: Side view of the radiator with fans attached.

4.3. Prepare the CPU and Pump

4. Clean the CPU surface thoroughly to remove any old thermal paste or debris.
5. Apply a small amount of thermal paste (pea-sized dot) to the center of the CPU's integrated heat spreader (IHS).



Image 4.3: The pump's copper baseplate, designed for firm contact with the processor.

4.4. Mount the Pump to the CPU

6. Select the appropriate mounting bracket for your CPU socket (Intel or AMD).
7. Attach the chosen bracket to the pump head.
8. Carefully place the pump head onto the CPU, aligning the mounting holes.
9. Secure the pump head to the motherboard using the provided screws and backplate (if required for your socket type). Tighten screws in a diagonal pattern until snug.

4.5. Cable Management

10. Connect the pump's 3-pin power cable to an available fan header on your motherboard (often labeled 'AIO_PUMP' or 'CPU_OPT').
11. Connect the ARGB cables from the fans and pump to the included ARGB controller.
12. Connect the ARGB controller to a SATA power connector from your power supply and to a 3-pin 5V ARGB header on your motherboard (if you wish to control lighting via motherboard software).
13. Organize all cables to ensure proper airflow and a clean build.

5. OPERATION

Once installed, the NovaPeak 240 ARGB Liquid Cooler operates automatically based on your system's thermal load. The pump and fans will adjust their speed to maintain optimal CPU temperatures.

5.1. ARGB Lighting Control

The included ARGB controller allows you to cycle through 10 lighting modes, adjust brightness, and change light speed. Alternatively, if connected to a compatible motherboard ARGB header, you can control the lighting effects using your motherboard's synchronization software.



Image 5.1: Close-up of the pump head showcasing ARGB lighting.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your liquid 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.
- **Tubing Inspection:** Visually inspect the tubing for any signs of kinks, damage, or leaks.
- **Pump Noise:** The pump is designed for quiet operation. If unusual noises occur, ensure proper mounting and contact support if the issue persists.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
High CPU Temperatures	Improper thermal paste application, loose pump mounting, insufficient airflow, pump failure.	Reapply thermal paste, check pump mounting, ensure fans are correctly oriented, verify pump is powered.
Fans Not Spinning / ARGB Not Lighting Up	Incorrect cable connections, faulty ARGB controller, insufficient power.	Check all PWM and ARGB connections, ensure SATA power is connected to the controller, test with different ARGB header if possible.
Unusual Pump Noise	Air bubbles in the loop, pump malfunction.	Orient the radiator higher than the pump if possible to allow air to collect in the radiator. If noise persists, contact support.

8. SPECIFICATIONS

Key technical specifications for the SilverStone NovaPeak 240 ARGB Liquid Cooler:

Feature	Detail
Model Number	SST-NP240-ARGB
Radiator Material	Aluminum
Pump Base Material	Copper
Fan Speed	500 - 2,200 RPM (PWM controlled)
Noise Level	12.1 dB (minimum)
Compatible Sockets	Intel LGA 115x/1200/1700/1851/2011/2066, AMD AM5/AM4
Tubing Length	460mm
Pump Design	Three-phase, six-pole motor

High-reliability pump

The pump motor utilizes a three-phase, six-pole design for smoother and quieter operation compared to the more common single-phase, four-pole design. Additionally, this design enhances energy efficiency.

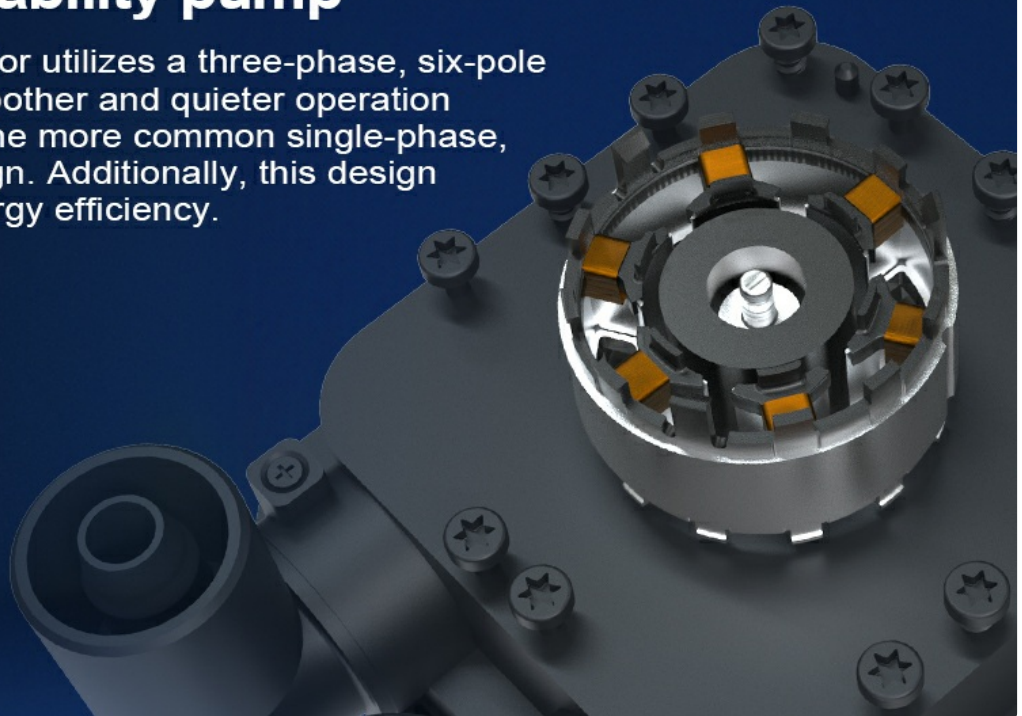


Image 8.1: The pump's three-phase, six-pole motor design for smooth and quiet operation.

9. WARRANTY AND SUPPORT

SilverStone Technology provides a limited warranty for this product. Please refer to the official SilverStone website or your product packaging for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please visit the official SilverStone Technology support page or contact their customer service directly. You can find contact information on their website: www.silverstonetek.com

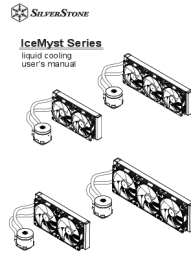
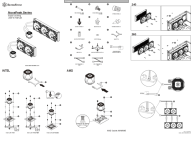



© 2024 SilverStone Technology. All rights reserved.

Related Documents - SST-NP240-ARGB



[SilverStone Argon V140 ARGB CPU Cooler Installation Guide](#)

Installation guide and warranty information for the SilverStone Argon V140 ARGB CPU cooler, detailing mounting procedures for Intel and AMD platforms, fan connections, and product support.

	<p>SilverStone IceMyst Series Liquid Cooling User Manual - Installation and Setup Guide</p> <p>Comprehensive user manual for the SilverStone IceMyst Series liquid cooling solutions. Includes installation guides for Intel and AMD platforms, wiring diagrams, and component lists for models like IceMyst 240, 280, 360, and 420.</p>
	<p>SilverStone NovaPeak Series Liquid Cooling User Manual</p> <p>User manual for SilverStone NovaPeak Series liquid coolers (240 and 360 models). Includes parts list, installation guides for Intel (LGA 115X, 1700, 1851, 2011, 2066) and AMD (AM4, AM5) sockets, and wiring instructions.</p>
	<p>SilverStone ICEGEM 240P/280/360 AIO Liquid Cooler User's Manual</p> <p>User's manual for the SilverStone ICEGEM series of all-in-one liquid CPU coolers, covering accessories, installation for Intel and AMD sockets, and ARGB controller operation.</p>
	<p>SilverStone IMF70-ARGB: Superior 2U Server Thermal Solution for Intel LGA1700</p> <p>Installation guide and warranty details for the SilverStone IMF70-ARGB, a 2U server thermal solution compatible with Intel LGA1700 processors. Includes product overview, contents, step-by-step installation, warranty terms, contact information, and compliance details.</p>
	<p>SilverStone Tundra Series Liquid Cooler Installation Manual</p> <p>Comprehensive installation guide for the SilverStone Tundra series all-in-one liquid coolers, covering specifications, assembly steps for Intel and AMD platforms, and warranty information.</p>



NovaPeak240-ARGB Ausgezeichnete Komplettlösung zur Flüssigkeitskühlung mit herausragendem ARGB-Lichteffekt

- Markantes SilverStone-Pumpengehäuse mit faszinierendem ARGB-Lichtdisplay
- Das modulare Kabeldesign vereinfacht Anschluss und Verwaltung von Kabeln
- Leicht gewölbte Kupferbasisplatte gewährleistet soliden Kontakt mit dem Prozessor
- Kühllüfter-optimierte Kühllüfter mit enormem Luftstrom und statischem Druck
- Nutzt dreiphasiges, sechs poliges motor design
- ARGB-Controller mit 10 Betriebsmodi sowie einstellbarer Helligkeit und Farbwechselgeschwindigkeit

Spezifikationen	
Modell Nr.	SST-NP240-ARGB
Anwendung	Intel LGA 1200/1700/2011/2066 AMD Socket AM4/AM5
Wasserpumpe	Abmessungen: 66mm (B) x 66mm (H) x 81mm (T) Material: Kupferblech mit Kunststoffkörper
Kühler	Abmessungen: 120mm (B) x 26mm (H) x 27mm (T) Material: Aluminium
Schlauch	Länge: 400mm Material: Gummi Motorgeschwindigkeit: 3.100 ± 10% RPM
Pumpe	Motorleistung: 12W LED: 10 Nennstrom: LED: 0,08A Anschluss: 3-poliger ARGB (5V 1-3) Abmessungen: 120mm (B) x 26mm (H) x 27mm (T) Durchfall: 900 ~ 2.200 RPM Luftstrom: 75.74 CFM Luftdruck: 1.4mmH ₂ O Geräuschpegel: 32.1 ~ 33.8dBA Bemessungsspannung: 12V
Lüfter	4-poliger PWM & 6-poliger ARGB (5V 1-3) Bitte stellen Sie sicher, dass Motherboard RGB-Anschluss die Sie verbinden möchten, der RGB-Anschluss der des NovaPeak ist Anmerkung: Ein falscher Anschluss kann zu Störungen oder Schäden führen

[pdf]

PowerPoint SST TW Daphne Kang Dane techniczne SilverStone NovaPeak 240 NP240 ARGB

Porównanie cen Cenowarka Polska 68ee476fc179582af6c497138f41c1b90b62 gzhls at blob ldb a e 2 |||

www.silverstonetek.com NovaPeak240-ARGB Ausgezeichnete Komplettlösung zur Flüssigkeitskühlung mit fas ... Isse Abmessungen Drehzahl Luftstrom Luftdruck Geräuschpegel Bemessungsspannung Anschlüsse Anmerkung **SST-NP240-ARGB** Intel LGA 115x/1200/1700/2011/2066 AMD Socket AM5/AM4 66mm B x 63mm H x 81mm T ...

lang:de score:29 filesize: 204.13 K page_count: 1 document date: 2024-07-09



NovaPeak240-ARGB Superior All-In-One Liquid Cooling Solution with Captivating ARGB Lighting Display

- Distinctive SilverStone pump housing with captivating ARGB lighting display
- Modular cabling design greatly simplifies connection and management of cables
- A highly curved copper baseplate ensures firm contact with the processor
- Radiator-optimized cooling fans with tremendous airflow and static pressure figures
- Three phase, six-pole motor design
- ARGB controller included with 10 lighting modes, along with adjustable brightness and color changing speed

Specifications	
Model No.	SST-NP240-ARGB
Application	Intel LGA 1200/1700/2011/2066 AMD Socket AM4/AM5
Water block	Dimension: 66mm (B) x 66mm (H) x 81mm (D) 2.8" (H) x 2.6" (W) x 3.1" (D) Material: Copper base with plastic body
Radiator	Dimension: 120mm (B) x 26mm (H) x 27mm (D) 4.7" (H) x 1.1" (W) x 1.0" (D)
Tube	Material: Aluminium Length: 400mm Material: Rubber
Pump	Rated Voltage: 12V Rated Current: 0.08A LED: 10 Connector: 3 Pin & 6 Pin ARGB (5V 1-3) Dimension: 120mm (B) x 26mm (H) x 27mm (D) Speed: 900 ~ 2,200 RPM Airflow: 75.74 CFM Air pressure: 1.4mmH ₂ O Noise level: 32.1 ~ 33.8dBA Rated Voltage: 12V Connector: 4 Pin PWM & 6 Pin ARGB (5V 1-3)
Fan	
Remark	Please check to make sure the control box and motherboard RGB port that you want to connect are the same as NovaPeak's RGB port definition. Incorrect connection may cause malfunction or damage.

[pdf] Specifications

PowerPoint SST TW Daphne Kang NovaPeak 240 ARGB product sheet NP240 Product Sheet EN

silverstonetek cn upload sstedm np240 argb |||

www.silverstonetek.com NovaPeak240-ARGB Superior All-In-One Liquid Cooling Solution with Captivati ... Current Connector Dimension Speed Airflow air pressure Noise level Rated Voltage Connector Remark **SST-NP240-ARGB** Intel LGA 115x/1200/1700/2011/2066 AMD Socket AM5/AM4 66mm W x 63mm H x 81mm D ...

lang:en score:24 filesize: 199.49 K page_count: 1 document date: 2024-07-09