

## Alphacool 11967

# Alphacool Eisblock Aurora Acryl GPX-N RTX 3090/3080 Ti HOF Water Block User Manual

Model: 11967

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Alphacool Eisblock Aurora Acryl GPX-N RTX 3090/3080 Ti HOF water block. This high-performance water block is designed to provide superior cooling for NVIDIA GeForce RTX 3090 and RTX 3080 Ti HOF series graphics cards, enhancing stability and performance through efficient liquid cooling. Please read this manual thoroughly before proceeding with installation.

## 2. SAFETY INFORMATION

**Warning:** Improper installation or handling of liquid cooling components can lead to system damage, including leaks and electrical shorts. Always exercise caution and follow instructions carefully.

- Ensure your computer system is completely powered off and unplugged from the wall outlet before beginning installation.
- Discharge any static electricity from your body by touching a grounded metal object before handling components.
- Use only distilled water or approved liquid cooling fluids. Do not use tap water.
- Perform a leak test for at least 24 hours before powering on your system.
- Keep all components out of reach of children.
- If you are unsure about any step, consult a qualified technician.

## 3. PACKAGE CONTENTS

Please verify that all items are present in your package. If any items are missing or damaged, contact your retailer or Alphacool support immediately.

- Alphacool Eisblock Aurora Acryl GPX-N RTX 3090/3080 Ti HOF Water Block
- Integrated Backplate
- Mounting Screws and Spacers
- Thermal Pads (pre-cut or sheet)

- Thermal Paste
- RGB Adapter Cable (if applicable)
- Installation Guide (this document)

## 4. SETUP AND INSTALLATION

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This section outlines the general steps for installing the water block onto your graphics card. Specific steps for disassembling your graphics card may vary by model; refer to your graphics card manufacturer's documentation for detailed disassembly instructions.

### 4.1 Preparing the Graphics Card

1. Carefully remove the stock cooler from your graphics card. This typically involves unscrewing the mounting screws from the GPU die and removing screws securing the shroud and backplate.
2. Thoroughly clean the GPU die and all memory modules (VRAM) and voltage regulator modules (VRM) of any residual thermal paste or thermal pad material using isopropyl alcohol and a lint-free cloth.

### 4.2 Applying Thermal Materials

1. Apply a small amount of thermal paste to the center of the GPU die. Spread it evenly to a thin layer using a spatula or by allowing the pressure from the water block to spread it.
2. Cut the provided thermal pads to the correct sizes as indicated in the included diagram (if applicable) or as per the Alphacool installation guide for your specific GPU model.
3. Carefully place the thermal pads onto the VRAM and VRM components. Ensure good contact and coverage. The Alphacool Eisblock design utilizes 1mm thick thermal pads for optimal component contact and cooling performance.

### 4.3 Mounting the Water Block

1. Align the Alphacool Eisblock Aurora water block with the mounting holes on your graphics card.
2. Gently lower the water block onto the graphics card, ensuring the GPU die makes contact with the copper base and thermal pads are correctly seated.
3. Secure the water block using the provided mounting screws. Tighten screws in a diagonal pattern to ensure even pressure, but do not overtighten.
4. Connect the digital RGB cable from the water block to a compatible 3-pin 5V addressable RGB header on your motherboard or a dedicated RGB controller.

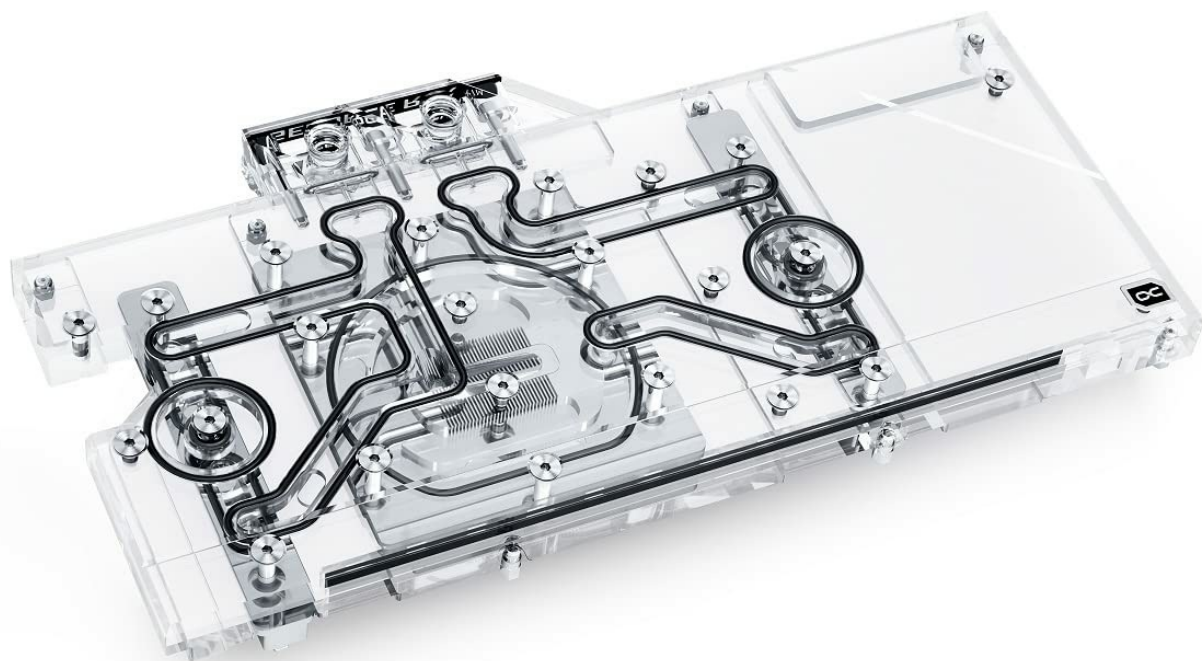


Figure 1: Top view of the Alphacool Eisblock Aurora Acryl GPX-N water block, showcasing the clear acrylic top, internal flow paths, and nickel-plated copper base.

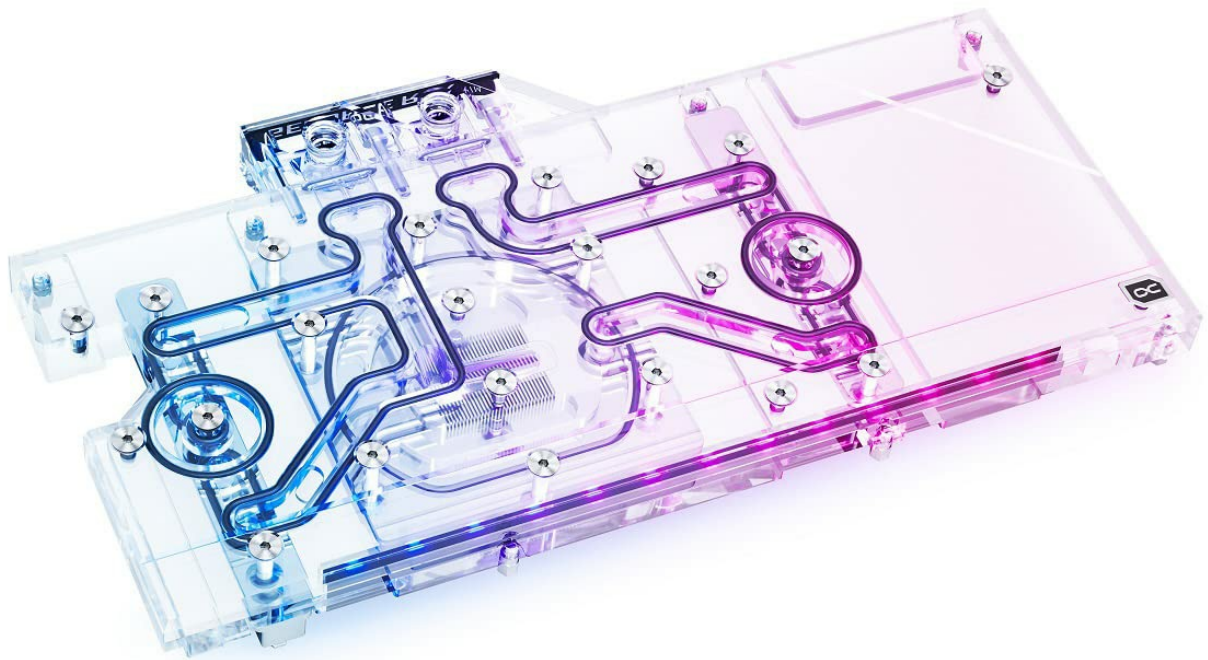


Figure 2: The Alphacool Eisblock Aurora water block illuminated with vibrant digital RGB lighting, highlighting the internal coolant channels and beveled edges.

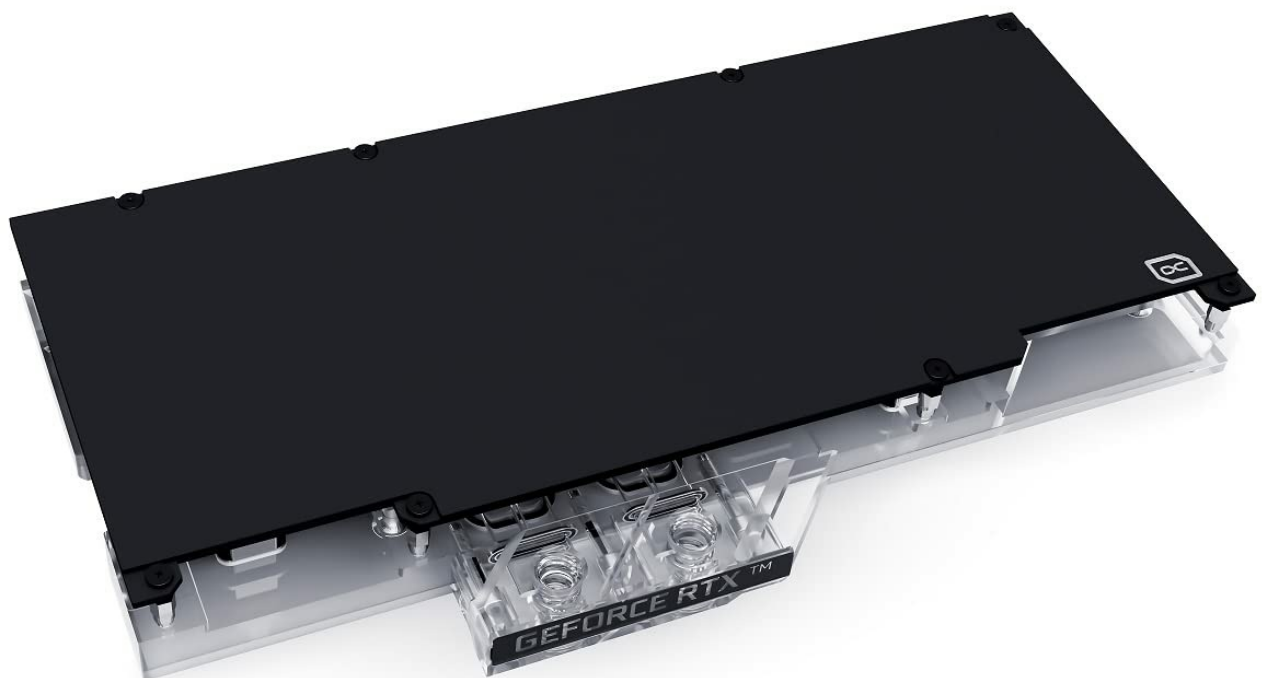


Figure 3: Rear view of the Alphacool Eisblock Aurora water block, showing the integrated black backplate which provides structural support and additional passive cooling.

#### 4.4 Integrating into the Cooling Loop

1. Install appropriate G1/4" fittings (not included) into the inlet and outlet ports of the water block.
2. Connect the water block to your existing or new custom liquid cooling loop using tubing. Ensure all connections are secure and leak-free.
3. Fill your cooling loop with coolant and perform a leak test. It is highly recommended to use an air pressure leak tester before introducing liquid. Once filled, run the pump for at least 24 hours with the system powered off (using a PSU jumper) to check for any leaks. Place paper towels under all connections to easily spot drips.

## 5. OPERATING INSTRUCTIONS

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Once the water block is successfully installed and the liquid cooling loop has passed a leak test, you can power on your system.

- **Initial Startup:** Monitor coolant levels and temperatures closely during the first few hours of operation.
- **RGB Control:** The integrated digital RGB lighting can be controlled via your motherboard's RGB software (e.g., ASUS Aura Sync, MSI Mystic Light, Gigabyte RGB Fusion) or a dedicated Alphacool RGB controller. Ensure the 3-pin 5V ARGB header is correctly connected.
- **Temperature Monitoring:** Use monitoring software to keep track of your GPU temperatures to ensure optimal cooling performance.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your liquid cooling system.

- **Coolant Replacement:** It is recommended to replace the coolant every 6-12 months, depending on the coolant type and system usage.
- **System Flush:** When replacing coolant, consider flushing the entire loop with distilled water or a dedicated cleaning solution to remove any buildup.
- **Block Inspection:** Periodically inspect the water block for any signs of corrosion, algae growth, or blockages. If necessary, disassemble and clean the block using appropriate cleaning agents for acrylic and copper.
- **Fittings Check:** Ensure all fittings remain tight and leak-free.

## 7. TROUBLESHOOTING

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This section addresses common issues you might encounter.

- **Poor Cooling Performance:**
  - Ensure proper thermal paste application and thermal pad contact.
  - Check for air bubbles trapped in the water block. Tilt the system gently to dislodge them.
  - Verify pump is operating correctly and coolant flow is adequate.
  - Inspect radiators for dust buildup and clean if necessary.
- **Leaks:**
  - Immediately power off the system.
  - Identify the source of the leak. Tighten fittings or replace O-rings/tubing as needed.
  - Perform another leak test before powering on.
- **RGB Lighting Not Working:**
  - Check the connection of the 3-pin 5V ARGB cable to the motherboard or controller.
  - Ensure the RGB header is enabled in your motherboard's BIOS/UEFI.

- Verify that the correct RGB software is installed and configured.

## 8. SPECIFICATIONS

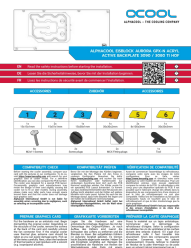
| Feature              | Detail                                                           |
|----------------------|------------------------------------------------------------------|
| Model Number         | 11967                                                            |
| Compatible GPUs      | NVIDIA GeForce RTX 3090 HOF, RTX 3080 Ti HOF                     |
| Material             | Acryl (Top), Nickel-plated Copper (Base)                         |
| Cooling Method       | Liquid Cooling                                                   |
| Power Connector Type | 3-Pin 5V Addressable RGB (for lighting)                          |
| Product Dimensions   | 19.69 x 19.69 x 11.02 inches (approximate, packaging dimensions) |
| Weight               | 2.2 Pounds (approximate, packaging weight)                       |
| Manufacturer         | Alphacool                                                        |

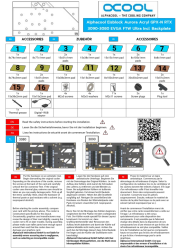
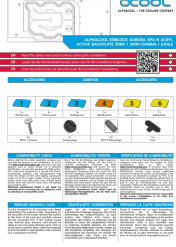
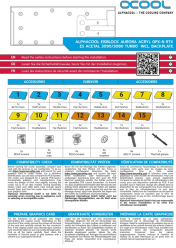
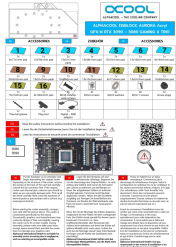
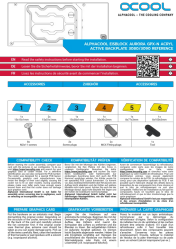
## 9. WARRANTY AND SUPPORT

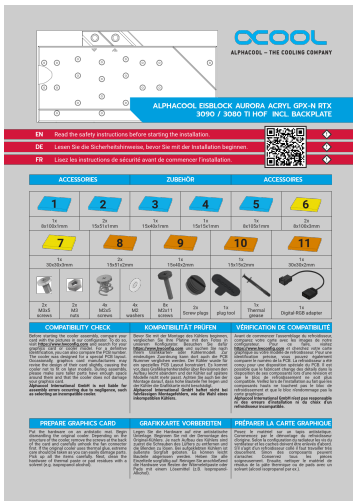
Alphacool products are manufactured to high quality standards. For warranty information, please refer to the terms and conditions provided with your purchase or visit the official Alphacool website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Alphacool customer service through their official website:[www.alphacool.com](http://www.alphacool.com)

### Related Documents - 11967

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><a href="#">Alphacool Eisblock Aurora GPX-N Acryl Active Backplate 3090 / 3080 Ti HOF Installation Guide</a></p> <p>Comprehensive installation guide for the Alphacool Eisblock Aurora GPX-N Acryl Active Backplate, designed for NVIDIA GeForce RTX 3090 and 3080 Ti HOF graphics cards. Includes compatibility checks, preparation steps, and detailed installation instructions.</p> |
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|    | <p><a href="#">Alphacool Eisblock Aurora Acryl GPX-N RTX 3090-3080 EVGA FTW Ultra Installation Guide</a></p> <p>Comprehensive installation guide for the Alphacool Eisblock Aurora Acryl GPX-N RTX 3090-3080 EVGA FTW Ultra water cooling block, including backplate. Details accessories, safety instructions, and step-by-step assembly.</p>                                                                       |
|    | <p><a href="#">Alphacool Eisblock Aurora GPX-N Acryl Active Backplate for RTX 3080/3090 Gaming/Eagle - Installation Guide</a></p> <p>Detailed installation guide for the Alphacool Eisblock Aurora GPX-N Acryl Active Backplate, compatible with NVIDIA GeForce RTX 3080 and 3090 Gaming/Eagle graphics cards. Covers safety, compatibility checks, preparation, and step-by-step assembly.</p>                      |
|   | <p><a href="#">Alphacool Eisblock Aurora Acryl GPX-N RTX ES Acetal 3090/3080 Turbo Installation Guide</a></p> <p>This document provides instructions for installing the Alphacool Eisblock Aurora Acryl GPX-N RTX ES Acetal 3090/3080 Turbo water cooling block, including compatibility checks and component lists.</p>                                                                                             |
|  | <p><a href="#">Alphacool Eisblock Aurora Acryl GPX-N RTX 3090/3080 GAMING X TRIO Installation Guide</a></p> <p>A comprehensive installation guide for the Alphacool Eisblock Aurora Acryl GPX-N water cooling block, designed for NVIDIA GeForce RTX 3090 and RTX 3080 GAMING X TRIO graphics cards. The guide details accessory components and provides step-by-step instructions for mounting the water block.</p> |
|  | <p><a href="#">Alphacool Eisblock Aurora GPX-N Acryl Active Backplate 3080/3090 Reference Installation Guide</a></p> <p>Installation guide for the Alphacool Eisblock Aurora GPX-N Acryl Active Backplate for NVIDIA GeForce RTX 3080 and 3090 graphics cards. Covers compatibility check, preparation, and installation steps.</p>                                                                                  |



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ALPHACOOE EISBLOCK AURORA ACRYL GPX-N RTX 3090 / 3080 TI HOF INCL. BACKPLATE EN Read the safety instructions before starting the installation. DE Lesen Sie die Sicherheitshinweise, bevor Sie mit der Installation beginnen. FR Lisez les instructions de securit avant de commencer l installation...

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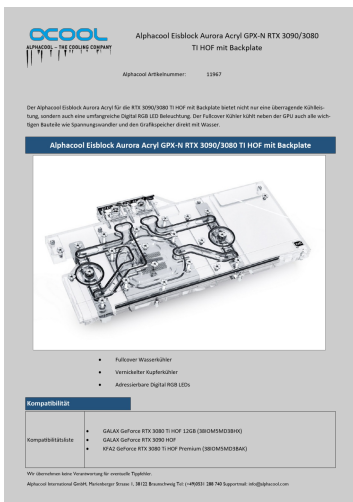
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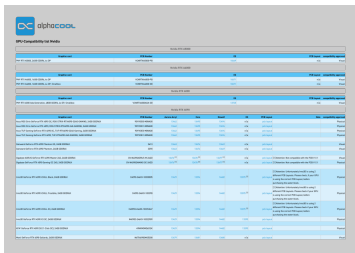
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3090/3080 TI HOF mit Backplate bietet nicht nur eine hervorragende Kühlleistung,  
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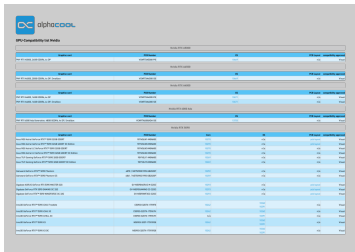
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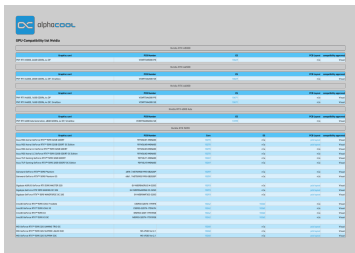
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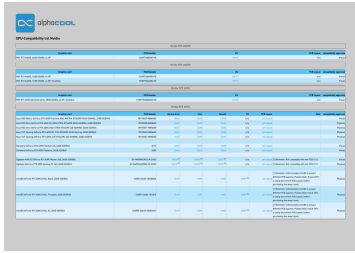
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Alphacool NVIDIA GPU Compatibility List for Water Cooling

Comprehensive compatibility list from Alphacool detailing NVIDIA GeForce and RTX  
graphics card models, PCB numbers, and compatibility status for water cooling  
solutions.  
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[pdf] Accessories

Download compatibility list Acool Alphacool Eisblock Graphic card cooler RTX 2080 2080Ti Aquatuning  
Water block radiator All copper pump Reserver Accessories Sold separately sensor tester cooling kit set  
Nvidia techace jp Acetal |||  
GPU-Compatibility list Nvidia PNY RTX A5000, 24GB GDDR6, 4x DP Graphisc card  
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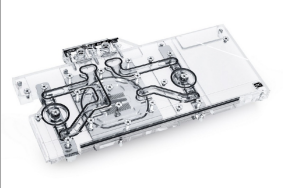


Alphacool Eisblock Aurora Acryl GPX-N RTX 3090/3080 Ti HOF with Backplate

Alphacool article number: 11967

The Alphacool Eisblock Aurora Acryl for the RTX 3090/3080 Ti HOF offers not only an outstanding cooling performance but also an extensive Digital RGB LED lighting. The fullcover cooler cools not only the GPU but also all important components such as voltage converters and the graphics memory directly with water.

Alphacool Eisblock Aurora Acryl GPX-N RTX 3090/3080 Ti HOF with Backplate



- Fullcover water block
- Water pump and fan
- Adjustable digital RGB LEDs

Compatibility

|               |                                                  |
|---------------|--------------------------------------------------|
| Compatibility | GALAX GeForce RTX 3080 Ti HOF 12GB (B800M3080TI) |
|               | GALAX GeForce RTX 3090 HOF                       |
|               | RTX 3090 Ti HOF Premium (B800M3090TI)            |

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Alphacool International GmbH, Postfach 1000, D-38102 Braunschweig, Tel.: +49 (0)51 386 740, Support: info@alphacool.com

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Alphacool Eisblock Aurora Acryl GPX-N RTX 3090/3080 Ti HOF with Backplate

Alphacool article number: **11967** The Alphacool Eisblock Aurora Acryl for the RTX 3090/3080 Ti HOF offers not only an outstanding cooling performance but also an extensive Digital RGB LED lighting. The fullcover cooler cools ...

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| GPU Compatibility List          |             |      |     |      |           |          |              |        |         |
|---------------------------------|-------------|------|-----|------|-----------|----------|--------------|--------|---------|
| GPU Model                       | Water Block | Pump | Fan | LEDs | Backplate | Mounting | Dimensions   | Weight | Price   |
| ASUS ROG Strix GeForce RTX 4090 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €129.90 |
| ASUS ROG Strix GeForce RTX 4080 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €119.90 |
| ASUS ROG Strix GeForce RTX 3090 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €109.90 |
| ASUS ROG Strix GeForce RTX 3080 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €99.90  |
| ASUS ROG Strix GeForce RTX 3070 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €89.90  |
| ASUS ROG Strix GeForce RTX 3060 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €79.90  |
| ASUS ROG Strix GeForce RTX 3050 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €69.90  |
| ASUS ROG Strix GeForce RTX 3040 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €59.90  |
| ASUS ROG Strix GeForce RTX 3030 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €49.90  |

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GPU-Compatibility list Nvidia PNY RTX A5000, 24GB GDDR6, 4x DP Graphisc card  
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| GPU Compatibility List          |             |      |     |      |           |          |              |        |         |
|---------------------------------|-------------|------|-----|------|-----------|----------|--------------|--------|---------|
| GPU Model                       | Water Block | Pump | Fan | LEDs | Backplate | Mounting | Dimensions   | Weight | Price   |
| ASUS ROG Strix GeForce RTX 4090 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €129.90 |
| ASUS ROG Strix GeForce RTX 4080 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €119.90 |
| ASUS ROG Strix GeForce RTX 3090 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €109.90 |
| ASUS ROG Strix GeForce RTX 3080 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €99.90  |
| ASUS ROG Strix GeForce RTX 3070 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €89.90  |
| ASUS ROG Strix GeForce RTX 3060 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €79.90  |
| ASUS ROG Strix GeForce RTX 3050 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €69.90  |
| ASUS ROG Strix GeForce RTX 3040 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €59.90  |
| ASUS ROG Strix GeForce RTX 3030 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €49.90  |

Alphacool GPU Compatibility List for NVIDIA Graphics Cards

Alphacool's comprehensive compatibility list for NVIDIA graphics cards, detailing water cooling block compatibility for various GPU models including RTX 4090, 4080, 3090 Ti, 3080 Ti, and more. Find the perfect water cooling solution for your GPU.

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| GPU Compatibility List          |             |      |     |      |           |          |              |        |         |
|---------------------------------|-------------|------|-----|------|-----------|----------|--------------|--------|---------|
| GPU Model                       | Water Block | Pump | Fan | LEDs | Backplate | Mounting | Dimensions   | Weight | Price   |
| ASUS ROG Strix GeForce RTX 4090 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €129.90 |
| ASUS ROG Strix GeForce RTX 4080 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €119.90 |
| ASUS ROG Strix GeForce RTX 3090 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €109.90 |
| ASUS ROG Strix GeForce RTX 3080 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €99.90  |
| ASUS ROG Strix GeForce RTX 3070 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €89.90  |
| ASUS ROG Strix GeForce RTX 3060 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €79.90  |
| ASUS ROG Strix GeForce RTX 3050 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €69.90  |
| ASUS ROG Strix GeForce RTX 3040 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €59.90  |
| ASUS ROG Strix GeForce RTX 3030 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €49.90  |

Alphacool GPU Compatibility List for NVIDIA Graphics Cards

Alphacool provides a comprehensive compatibility list for NVIDIA graphics cards, detailing compatibility with various Alphacool water cooling solutions like Aurora Acryl and Eiswolf.

lang:tl **score:14** filesize: 377.97 K page\_count: 10 document date: 2024-04-30

| GPU Compatibility List          |             |      |     |      |           |          |              |        |         |
|---------------------------------|-------------|------|-----|------|-----------|----------|--------------|--------|---------|
| GPU Model                       | Water Block | Pump | Fan | LEDs | Backplate | Mounting | Dimensions   | Weight | Price   |
| ASUS ROG Strix GeForce RTX 4090 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €129.90 |
| ASUS ROG Strix GeForce RTX 4080 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €119.90 |
| ASUS ROG Strix GeForce RTX 3090 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €109.90 |
| ASUS ROG Strix GeForce RTX 3080 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €99.90  |
| ASUS ROG Strix GeForce RTX 3070 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €89.90  |
| ASUS ROG Strix GeForce RTX 3060 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €79.90  |
| ASUS ROG Strix GeForce RTX 3050 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €69.90  |
| ASUS ROG Strix GeForce RTX 3040 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €59.90  |
| ASUS ROG Strix GeForce RTX 3030 | Yes         | Yes  | Yes | Yes  | Yes       | Yes      | 150x150x40mm | 1.2kg  | €49.90  |

[pdf]

Windows Benutzer compatibility list Nvidia alphacool legacy |||

Graphic card ASUS ROG Strix GeForce RTX 4090 OC, ROG-STRIX-RTX4090-O24G-GAMING, 24GB GDDR6X ASUS ROG ... e Aurora Acryl 11940 11940 11939 11939 11975 13047 13047 11943 11943 11964 11964 11930 11930 11930 **11967** 11930 11952 11952 11942 11942 RTX 3090 Aurora Acetal n/a n/a n/a n/a n/a ES Acetal n/a n/a ...

lang:en **score:10** filesize: 1.28 M page\_count: 20 document date: 2023-04-06

| GPU Model               | Product Code | PCB Number | VC Number | Galax GeForce RTX 3090 SG 24GB GDDR6X 320-bit DP*3/HDMI/ 39NSM5MD1GNA 3080/3090Ti HOF 3080/3090 | 11967    | 11930    | n/a      | 10667    | n/a      | 13002    | n/a      | 11931    | 13046    | 13038    | Gigabyte Aorus GeForce RTX 3090 Master 24... |
|-------------------------|--------------|------------|-----------|-------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------------------------------------|
| NVIDIA GeForce RTX 3090 | RTX 3090     | RTX 3090   | RTX 3090  | RTX 3090                                                                                        | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090                                     |

### [Alphacool Eiswolf 2 GPU Compatibility Guide for NVIDIA GeForce RTX & GTX Series](#)

Find the perfect Alphacool Eiswolf 2 AIO water cooling solution for your NVIDIA GeForce RTX 30, 20, and GTX 10 series graphics card. Check detailed compatibility by GPU model and product code.

lang:tl **score:10** filesize: 1.22 M page\_count: 4 document date: 2021-11-26

| GPU Model               | Product Code | PCB Number | VC Number | Galax GeForce RTX 3090 SG 24GB GDDR6X 320-bit DP*3/HDMI/ 39NSM5MD1GNA 3080/3090Ti HOF 3080/3090 | 11967    | 11930    | n/a      | 10667    | n/a      | 13002    | n/a      | 11931    | 13046    | 13038    | Gigabyte Aorus GeForce RTX 3090 Master 24... |
|-------------------------|--------------|------------|-----------|-------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------------------------------------|
| NVIDIA GeForce RTX 3090 | RTX 3090     | RTX 3090   | RTX 3090  | RTX 3090                                                                                        | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090 | RTX 3090                                     |

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Windows Benutzer RTX 3080 Ti A6000 3090 compatibility list Nvidia techace jp Alphacool Eiswolf |||  
 RTX A6000 PNY RTX A6000, 48GB GDDR6, 4x DP Graphic card Product code / P/N  
 number / PCB number VC ... Galax GeForce RTX 3090 SG 24GB GDDR6X 320-bit  
 DP\*3/HDMI/ 39NSM5MD1GNA 3080/3090Ti HOF 3080/3090 **11967** 11930 n/a 10667  
 n/a 13002 n/a 11931 13046 13038 Gigabyte Aorus GeForce RTX 3090 Master 24...  
 lang:tl **score:10** filesize: 1.3 M page\_count: 4 document date: 2022-02-23