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The Alphacool Eiswolf 2 is the first full cover GPU AIO waterblock from Alphacool. It is based on the Alphacool GPX Eisblock Aurora GPX water block, a pump unit and a 360mm NexXoS ST30 full copper radiator. The latter is equipped with the Alphacool Aurora Rise Digital RGB fans.

## Alphacool Eiswolf 2 AIO 360mm RTX 3080/3090 Gaming/Eagle mit Backplate



- Full copper radiator
- Virtually silent DC-LT 2 pump
- Nickel-plated copper cooler
- Digital RGB illuminated cooler
- Digital RGB 120 mm fans

We assume no responsibility for any typing errors.

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## Compatibility

- Gigabyte GeForce RTX 3080 Eagle OC 10G, 10GB GDDR6X, 2x HDMI, 3x DP
- Gigabyte GeForce RTX 3080 Gaming OC 10G, 10GB GDDR6X, 2x HDMI, 3x DP
- Gigabyte GeForce RTX 3080 Turbo 10G, 10GB GDDR6X, 2x HDMI, 2x DP
- Gigabyte GeForce RTX 3080 Vision OC 10G, 10GB GDDR6X, 2x HDMI, 3x DP
- Gigabyte GeForce RTX 3080 Ti Eagle 12G, 12GB GDDR6X, 2x HDMI, 3x DP
- Gigabyte GeForce RTX 3080 Ti Eagle OC 12G, 12GB GDDR6X, 2x HDMI, 3x DP
- Gigabyte GeForce RTX 3080 Ti Vision OC 12G, 12GB GDDR6X, 2x HDMI, 3x DP
- Gigabyte GeForce RTX 3080 Ti Gaming OC
- Gigabyte GeForce RTX 3090 Eagle OC 24G, 24GB GDDR6X, 2x HDMI, 3x DP
- Gigabyte GeForce RTX 3090 Gaming OC 24G, 24GB GDDR6X, 2x HDMI, 3x DP
- Gigabyte GeForce RTX 3090 Turbo 24G, 24GB GDDR6X, 2x HDMI, 2x DP
- Gigabyte GeForce RTX 3090 Vision OC 24G, 24GB GDDR6X, 2x HDMI, 3x DP

## Scope of delivery

1 x Alphacool Eiswolf 2  
1 x Mounting set GPU  
1 x Radiator  
3 x Fans  
1x Backplate  
4 x M2x5 screws  
4 x M2x5 washers

6 x M2x11 screws  
12 x M3x30 screws  
12 x M3x5 screws  
2 x M3x5 screws (flat head)  
2 x M3x5 nuts  
1 x Y-Adaptor 4-Pin PWM  
1 x Thermal Grease  
1 x 3-Pin JST to 3-Pin 5V adaptor  
1 x Plug tool

## Data radiator

|                           |                                     |
|---------------------------|-------------------------------------|
| L x W x H                 | 395 x 124 x 30mm (+/- 3%)           |
| Material cooling fins     | Copper                              |
| Material chambers         | Copper                              |
| Material cooling channels | Copper                              |
| Material threads          | Brass                               |
| Material outer housing    | stainless steel                     |
| G 1/4" threads            | 2 x for tubes (+ 1x Fillport G1/4") |
| For fan size              | 120 mm                              |
| Possible fan assembly     | 3 x one-sided / 6 x both-sided      |

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### Data cooler and pump

|                        |                      |
|------------------------|----------------------|
| L x W x H              | 152,5 x 266 x 46 mm  |
| Material cooler bottom | Nickel plated copper |
| Material cooler top    | PMMA                 |
| Threads                | 2 x G1/4"            |
| Pump type              | DC-LT 2              |
| Pump speed             | 2600 rpm (+/- 10%)   |
| Head of delivery       | 0,95 m               |
| Maximum flow rate      | 75 L/h               |
| Voltage                | 12V DC               |
| Power consumption      | 4W                   |
| MTBF                   | 50.000 h             |

### Data liquid

|                      |  |
|----------------------|--|
| Color                | Clear                                  |
| Ingredient 1         | Distilled water (CAS-Nummer 7732-18-5) |
| Ingredient 2         | Glysantin (CAS-Nummer 1017-21-1)       |
| Working temperatures | -15 °C / +90 °C                        |

### Data quick fasteners

|               |               |
|---------------|---------------|
| L x D         | 95 x 27 mm    |
| Material      | Nylon         |
| For tube size | 12,7 / 7,6 mm |
| Color         | Black         |

### Data fittings

|                            |                 |
|----------------------------|-----------------|
| L x D straight fitting     | 24 x 18 mm      |
| Quantity straight fittings | 2x              |
| L x B x H 90° fitting      | 35 x 27 x 17 mm |
| Quantity 90° fittings      | 2x              |
| For tube size              | 12,7 / 7,6 mm   |
| Material fittings          | Brass           |

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## Data tube

|                     |                          |
|---------------------|--------------------------|
| Length              | 50 cm                    |
| Material tube       | TPV (EPDM/PP)            |
| Color               | Matt black               |
| Tube size           | 12,7 / 7,6 mm            |
| Hardness grade      | 35 Shore-A to 50 Shore-D |
| Working temperature | -50 to +155 °C           |

## Data fan

|                         |                      |
|-------------------------|----------------------|
| Speed                   | 0 - 2500 RPM         |
| Static pressure         | 3,17 mm H2O          |
| Air flow rate           | 119,8 m³/h           |
| Bearings                | Sleeve bearing       |
| Fan connector           | 4-Pin PWM            |
| Connection Digital aRGB | 3-Pin JST + 3-Pin 5V |
| Dimensions              | 120 x 120 x 25 mm    |
| Net weight              | 187 g                |
| Max working temperature | 60 °C                |
| Certificates            | CE, FC, ROHS         |

## Download links

|              |   |
|--------------|---|
| Product pics | <a href="http://www.alphacool.com/download/1020894_Eiswolf_2_AIO_360mm_RTX_3080_3090_Gaming_Eagle_BP_pics.zip">http://www.alphacool.com/download/1020894_Eiswolf_2_AIO_360mm_RTX_3080_3090_Gaming_Eagle_BP_pics.zip</a> |
| Manual       | <a href="http://www.alphacool.com/download/Eiswolf_2_AIO_manual.pdf">http://www.alphacool.com/download/Eiswolf_2_AIO_manual.pdf</a>   |

## Packaging dimensions 1 unit

|           |                   |
|-----------|-------------------|
| L x B x H | 47 x 37,5 x 16 cm |
| Weight    | 4,7 kg            |

## Other data

|              |               |
|--------------|---------------|
| Certificates | CE, FC, RoHS  |
| EAN          | 4250197144162 |
| Customs code | 84195080900   |

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## Article text

The Alphacool Eiswolf 2 is the first full cover GPU AIO waterblock from Alphacool. It is based on the Alphacool GPX Eisblock Aurora GPX water block, a pump unit and a 360mm NexXoS ST30 full copper radiator. The latter is equipped with the Alphacool Aurora Rise Digital RGB fans.

### Fullcover Waterblock?

The Eiswolf 2 graphics card AIO water block not only cools the GPU with liquid but also all relevant components that require active cooling. This includes the graphics memory, the VRM and, if necessary, other components that require direct cooling. By using the Eisblock GPX Aurora water cooler, the cooling capacity is identical to that of a DIY graphics card water cooler.

### Pump

The Eiswolf 2 has a pump unit in place of the normal connection terminal. This pump unit houses the DC-LT 2 pump. An improved and quieter version of the well-known DC-LT Low Noise Ceramic Pump. Despite looking rather large, the pump unit is only 5 mm wider than a normal connection terminal.

### Fittings and Tubing

As with all new AIO units, Alphacool uses only TPV hoses from the Enterprise Solution range for (usually reserved for servers and workstations) in the Eiswolf 2. The tubing is made of EPDM/PP and are extremely heat-resistant, durable, and free of plasticizers. All fittings are also based on the Enterprise Solution range and match the TPV hoses perfectly.

### Expandability

By using the quick-release fastener, the Eiswolf 2 can be connected to another Alphacool AIO unit to achieve a larger loop in seconds. Alphacool offers various prefilled components with which the loop can be easily extended. For safety reasons, the quick-release fasteners are firmly screwed together and not just plugged together.

### Lighting and fans

The Eiswolf 2 cooler has a digital RGB LED lighting, also called addressable RGB LEDs. They run along the entire back of the graphics card cooler and provide complete illumination of the water cooler. The pump unit is more discreet and offers a green glowing logo for Nvidia and a red glowing logo for AMD cards. The name "Eiswolf" on the pump unit remains unlit, discreetly in the background. The fan used is the Aurora Rise with 120mm. Due to the special blade design, the fan is extremely quiet and the addressable RGB LEDs provide brilliant illumination. The Alphacool Aurora Rise fan convinces with a max. static pressure of 3.17mm/H<sub>2</sub>O and offers a max. air flow of 119.8m<sup>3</sup>/h. The PWM control allows the fan to be controlled over a wide speed range. In addition, it offers a zero control. It can therefore be regulated down to 0 rpm and then starts with approx. 350 rpm.

### NexXoS Radiator

As with all AIO units, Alphacool uses radiators from the world renowned NexXoS series. The full copper radiators offer a much higher cooling capacity than aluminium radiators and have contributed significantly to Alphacool's worldwide success.

The combination of all of the components results in a solution that is as simple as an AIO solution to install, but with the performance of a pre-assembled and prefilled custom loop.

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**Technical note!**

Due to long storage times and various transport routes, the liquid in the Eiswolf 2 AIO remains still for a long time. The ingredients of the liquid can therefore deposit and lead to a brownish discoloration. As soon as the pump starts operating, the ingredients mix again and the liquid should regain an approximately clear color. This is not a reason for complaint as neither the performance nor the function of the AIO are restricted by this. If the discoloration of the cooling liquid does not disappear after the AIO has been put into operation, please contact our support team via E-Mail ([info@alphacool.com](mailto:info@alphacool.com)). You will receive quick and uncomplicated help there.