# Alphacool Eisblock Aurora Acryl GPX-N RTX 3070 Reference with Backplate

Alphacool article number: 11934

Aquatuning article number: 1020382

The Alphacool Eisblock Aurora Acryl for the RTX 3070 in Reference Layout 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.

## Eisblock Aurora Acryl GPX-N



- Fullcover water block
- Nickel plated copper cooler
- Adressable Digital RGB LEDs

## Compatibility

| | |
|---|---|
| Compatibility | INNO3D GeForce RTX 3070 iCHILL X3, 8GB GDDR6, HDMI, 3x DP (C30703-08D6X-1710VA38)<br>INNO3D GeForce RTX 3070 iCHILL X4, 8GB GDDR6, HDMI, 3x DP (C30704-08D6X-1710VA35)<br>More compatible models will follow in this list for this cooler. We are currently checking other PCB designs from various manufacturers! |

We assume no responsibility for any typing errors.

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## Scope of delivery

2 x 15x40x1 mm thermal pads
1 x 15x28x1 mm thermal pads
1 x 8x77x1 mm thermal pads
1 x 30x30x2 mm thermal pads
1 x 8x77x3 mm thermal pads
2 x 15x40x3 mm thermal pads
1 x 15x28x3 mm thermal pads
4 x M2x5 screws
4 x M2x5 washers
4 x M2x11 screws
2 x screw plugs
1 x digital - RGB adaptor
1 x thermal grease
1 x plug tool

## Data cooler

| | |
|---|---|
| L x W x H | 122 x 239 x 25 mm |
| Material cooler | Nickle-plated copper |
| Material cooler top | Acryl |
| Threads | 4 x G1/4“ |
| Thickness cooling fins | 0,6 mm |
| Illumination | Digital RGB LEDs |
| Power connector Digital RGB LEDs | 3-Pin JST |
| Power Digital RGB LEDs | 5V |

## Data backplate

| | |
|---|---|
| L x W x H | 97 x 239 x 6 mm |
| Material | Aluminium |
| Color | Black |

## Download Links

| | |
|---|---|
| Product pics | https://www.alphacool.com/download/1020382_Eisblock_Aurora_Acryl_RTX_3070_Reference.zip |
| Manual | https://www.alphacool.com/download/Eisblock_Aurora_Acryl_Gpx_N_RTX_3070_Manual.pdf |

## Packaging dimensions 1 unit

| | |
|---|---|
| L x W x H | 17,2 x 35,2 x 4,3 cm |
| Total weight | 1150 g |

## Other data

| | |
|---|---|
| Certification | CE, FC, RoHS |
| EAN | 4250197119344 |
| Customs number | 84195080900 |

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## Article text

The Alphacool Aurora Acryl GPX-N RTX 3070 Eisblock combines style with performance and extensive digital RGB lighting. With experience of over 16 years, Alphacool the ability to create GPU blocks that represent high quality and fantastic performance. This perfectly describes the Aurora Acryl GPX Eisblock

**More Performance!**
During the development of the EIsblock Aurora GPX-N RTX 3070 graphic card GPU block, we wanted to further increase the performance. The first step was to move the cooler closer to the individual components by reducing the thermal pads to a thickness of 1 mm. Next, we reduced the thickness of the nickel-plated copper block. Instead of 7 mm, it is now only 5.5 mm thick. The water flow inside the cooler has also been optimized. All important components such as the voltage transformers and the memory are now significantly better and more effectively cooled by the water. All this ensures a significant increase in cooling performance.

**New Design!**
The Eisblock Aurora GPX-N RTX 3070 cooler has been designed so that lighting is more important than the previous models. The addressable digital RGB LEDs are embedded directly into the cooling block and run along the entire cooling block. The effect is an illumination of the entire cooling block. No corner or edge remains unlit by the aRGB LEDs. The new design is more angular with all edges bevelled. This promotes better light diffusion in the water cooler due to the reflections on these bevels. In addition, they create various contours, which give the Aurora GPX-N RTX 3070 Eisblock cooler its very own unique identity.

**Copper or Aluminium?**
Of course, Alphacool only uses copper for its water coolers. With the Aurora GPX-N RTX 3070 Eisblock, the copper is nickel-plated. Compared to its predecessor models, Alphacool has improved the nickel plating even further, which has considerably increased the acid resistance. This means that the nickel should resist flaking. Why does Alphacool rely on copper instead of aluminium? Simply, copper has almost twice the thermal conductivity of aluminium and is therefore clearly the better material for water cooling.

**Is There Anything Else New?**
The Eisblock Aurora GPX-N RTX 3070 also relies on the new patented stop fittings, which sit flush with the surface of the terminal. The Alphacool logo now sits in the corner on the top and is also fully illuminated. On the front of the terminal you can see the corresponding names of the compatible graphic card types. Of course, these are also fully illuminated by the digital LEDs. IN and OUT are now marked by small triangles. They are easily recognizable and fit perfectly into the entire aesthetics of the graphic card water cooler.

The Alphacool Aurora GPX-N RTX 3070 Acryl is a complete redevelopment of the previous Alphacool graphics card water coolers. No technical compromises were made, but the entire technical know-how flowed into the development and implementation.

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