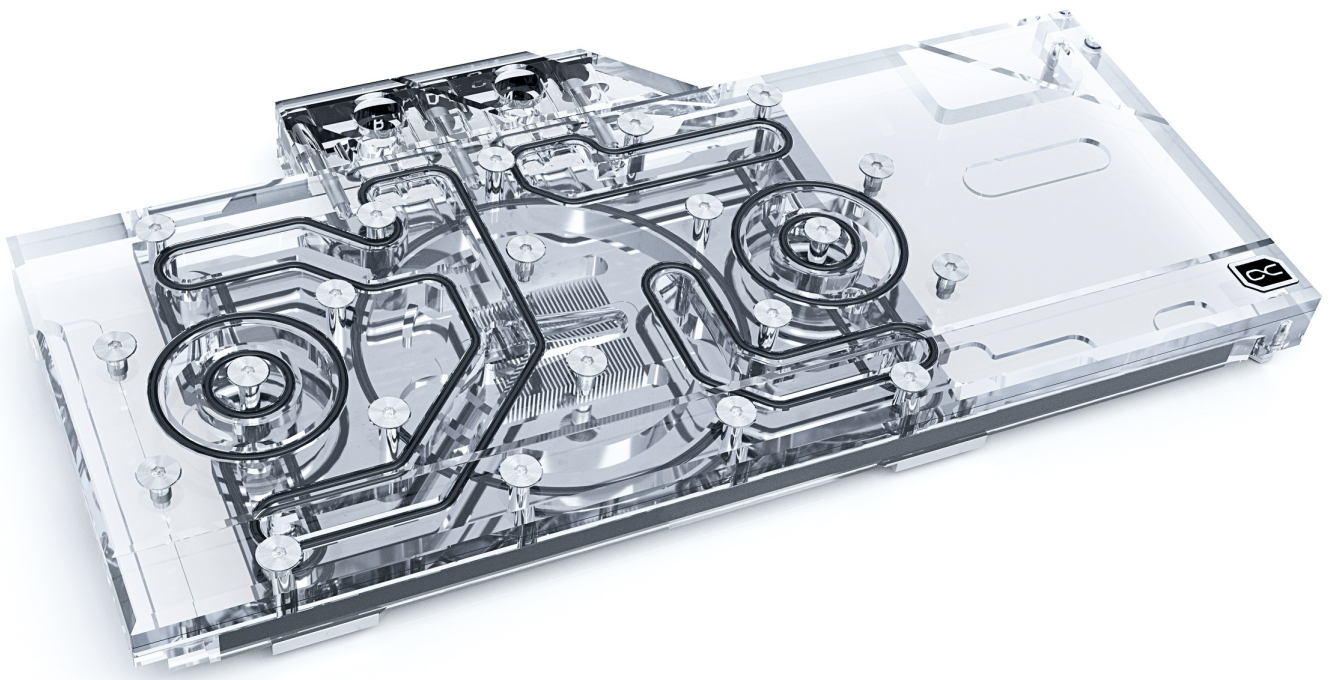


Alphacool Eisblock Aurora Acryl GPX-A Radeon RX 6800/6800XT/6900XT Reference with Backplate

Alphacool article number: 11944



Quick Info

The Alphacool Aurora Acryl GPX-A 6800(XT) 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

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

Compatibility

- AMD Radeon RX 6800, 16GB GDDR6
- ASRock Radeon RX 6800 16G, 16GB GDDR6
- Asus Radeon RX 6800, RX6800-16G, 16GB GDDR6
- Gigabyte Radeon RX 6800 16G, 16GB GDDR6 (GV-R68-16GC-B)
- AMD Radeon RX 6800 XT, 16GB GDDR6
- Gigabyte Radeon RX 6800 XT 16G, 16GB GDDR6 (GV-R68XT-16GC-B)
- AMD Radeon™ RX 6900 XT Graphics
- Gigabyte Radeon™ RX 6900 XT 16G (GV-R69XT-16GC-B)
- PowerColor AMD Radeon™ RX 6900 XT 16GB GDDR6 (AXRX 6900XT 16GBD6-M2DHC)
- XFX AMD Radeon™ RX 6900 XT Gaming Graphics Card with 16GB GDDR6
- AMD Radeon™ RX 6950 XT

Scope of delivery

3 x 8x8x1mm thermal pad	1 x 8x84x3mm thermal pad
1 x 8x66x1mm thermal pad	6 x M2x5 screws
2 x 15x51x1mm thermal pad	6 x M2x5 washers
2 x 15x15x1mm thermal pad	6 x M2x11 screws
1 x 8x84x1mm thermal pad	2 x Screw plugs
1 x 8x74x3mm thermal pad	1 x Thermal grease
2 x 15x51x3mm thermal pad	1 x Plug tool
1 x 30x30x3mm thermal pad	1 x Digital-RGB adaptor
2 x 15x15x3mm thermal pad	

Technical data

Dimensions (L x W x H)	130 x 262,5 x 24,5 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
Color	transparent

Technical data backplate

Dimensions (L x W x H)	106 x 262,5 x 6 mm
Material	Aluminium
Color	Black

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Manual	11944_Alphacool_Eisblock_Aurora_Acryl_GPX-A_Radeon_RX_6800-6800XT-6900XT_Reference_with_Backplate_Manual.pdf
Product pictures	11944_Alphacool_Eisblock_Aurora_Acryl_GPX-A_Radeon_RX_6800-6800XT-6900XT_Reference_with_Backplate_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_11944.pdf

Packaging dimensions per unit

L x W x H	172 x 352 x 43 mm
Weight	1150 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197119443
Customs code	84195080900

Article text

The Alphacool Aurora Acryl GPX-A 6800(XT) 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-A 6800(XT) 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-A 6800(XT) 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-A 6800(XT) Eisblock cooler its very own unique identity.

Copper or Aluminium?

Of course, Alphacool only uses copper for its water coolers. With the Aurora GPX-A 6800(XT) 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-A 6800(XT) 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-A 6800(XT) 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.