



ALPHACOO – THE COOLING COMPANY



Alphacool Eisblock XPX Aurora Acryl Black

What is it?

The new Alphacool Eisblock XPX Aurora CPU water cooler offers fantastic performance thanks to the patented ramp design as well as boasting excellent quality. The new Aurora design in combination with the addressable digital RGB illumination offers many possibilities for outstanding illumination of the CPU water block.

Highlights

- Transparent acryl top
- Nickel-plated copper cooling block
- Digital RGB illumination

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We assume no responsibility for any typing errors.

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Scope of delivery	
1 pcs. CPU cooler 1 pcs. Thermal paste 1 pcs. digital – RGB adapter cable 4 pcs. rubber caps 4 pcs. screw caps 4 pcs. springs 4 pcs. 0,5 mm washers 4 pcs. 2 mm washers 4 pcs. M4 nuts	1 pcs. set AMD bracket 1 pcs. set INTEL bracket 1 pcs. INTEL backplate 4 pcs. INTEL 2066 / 2011 screws 4 pcs. INTEL I15X screws 4 pcs. AMD screws Optionally available: AMD TR4 bracket (Art.No. I2875)

Technical data GPU cooler	
W x T x H	75,8 x 75,8 x 33 mm
Net weight	206 g
Max working temperature	60 °C
Material cooler	nickel plated copper
Material bottom part	nylon
Material top	Acryl
Threads	2 x G1/4"
Power supply Digital RGB	3-Pin 5V
Pressure tested	1,5 bar
Certificates	CE, FC, ROHS

Product pics download	https://www.alphacool.com/download/1016541_Alphacool_Eisblock_XPX_Aurora-Plexi_Black_Digital_RGB.zip
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Manual PDF	https://www.alphacool.com/download/Eisblock.pdf
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Other data	
Article number Alphacool	12946
EAN Code	4250197129466
PU Box	1
Dimensions PU B x T x H	21,7 x 13 x 4,5 cm
Weight	489 g
Customs code	84195080900

Article text

The new Alphacool Eisblock XPX Aurora CPU water cooler offers fantastic performance thanks to the patented ramp design as well as boasting excellent quality. The new Aurora design in combination with the addressable digital RGB illumination offers many possibilities for outstanding illumination of the CPU water block.

Performance in abundance!

Alphacool already developed and patented new flow technology for the first Alphacool Eisblock XPX series. The so-called "ramp system" ensures an even flow of water inside the cooler and sits in front of the diffuser plate. This ensures that the water is pressed evenly through the diffuser plate, which in turn pushes the water evenly over the cooling base. The cooling channels on the CPU cooler base has also been enlarged to a proud 34 x 32 mm to accommodate the ever-growing CPU DIEs. This is especially true for multi-core processors with 4, 6, 8 or even 12 and more CPU cores. So that the heat from the CPU can be transferred to the water as quickly as possible. 81 cooling fins can be found on the cooling plate to ensure maximum heat diffusion. The fin structure has been reduced to just 0.2 mm in order to create the largest possible surface area in the smallest possible space.

And the lighting?

All new Eisblock XPX Aurora Acryl CPU waterblocks come with addressable digital RGB lighting. The aRGB LEDs are integrated directly into the CPU water cooler and run once around the entire cooling block. With up to 15 digital RGB LEDs the entire CPU block is evenly and intensively lit. Of course, the brightness can be controlled by an appropriate controller. And as with all aRGB LED products all known

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effects can be created. From simple colour changes to wave effects and rainbow lighting, everything is possible. Of course, the Alphacool Eisblock Aurora coolers can also be connected and controlled via mainboards using the standard 3-pin 5V connector. The cable also has an integrated Y-adapter. This makes it easy to connect further Alphacool Aurora products in series without having to order separate Y-adapters. Extension cables may be needed if you want to connect the products in series, depending on the size of the case.

Is installation difficult?

Mounting the Eisblock XPX Aurora Acryl cooler is simple. The backplate is simply attached to the mainboard from behind. The mounting frame for the AMD or Intel socket is clamped to the cooler and the corresponding mounting screws are pre-attached to this frame. Next, you simply apply thermal paste and you attach the cooler using the screws.

Please note: Remove the protective foil on the cooler base before use!

Unique Aurora Design

The Alphacool Eisblock Aurora Acryl differs only slightly from its predecessor Alphacool Eisblock XPX. The lower part of the Eisblock Aurora Acryl is not made of acrylic, but of transparent nylon. This means it is almost impossible that the holder or the high temperature fluctuations during operation will cause the Acryl to crack or fracture. The upper part of the cooler houses the integrated digital addressable RGB LEDs. A separate RGB frame like the predecessor Eisblock XPX is no longer necessary. Like all new Aurora products, the Alphacool Eisblock Aurora Acryl also has a black frame, embedded with the Alphacool logo on the top. The Alphacool logo remains very discreet and unobtrusive.