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Alphacool Eisblock XPX Pro Aurora - Full Brass Black Digital RGB

Alphacool article number: 13084

Quick Info

With the Alphacool XPX Aurora Pro Eisblock, Alphacool offers a CPU water cooler specially designed for processors with particularly large processor cores. These currently include the AMD Threadripper models and processors from Intel for the LGA 2066 socket and the LGA 3647 server socket in narrow ILM design. As a CPU cooler from the Aurora Design line, the CPU cooler naturally offers integrated digital aRGB lighting.

- Powerful CPU cooler specially designed for processors with particularly large processor cores
- Nickel-plated copper cooler bottom
- Discreet digital 5V aRGB LED illumination

Compatibility

AMD: AM4 / AM5 / SP3 / SP6 / sTR5 / sWRX8 / TR4

Intel: LGA 1700 / LGA 1851 / LGA 2011-3 / LGA 2066 / LGA 3647 / LGA 4189 (optional) / LGA 4677 (optional) / LGA 4710 (optional)

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Scope of delivery

1x Alphacool Eisblock XPX Pro Aurora - Full Brass, black
1x AMD mounting kit (backplates, screws, etc.)
1x Intel mounting kit (backplates, screws, etc.)
4x knurled nuts
4x springs
4x 1mm washers
1x Digital-aRGB Adapter
1x Subzero 16 W/mk thermal grease + spatula
1x Allen key

Technical data

L x W x H	76,5 x 63,5 x 31mm
Material cooler	nickel plated copper
Material bottom part	brass
Material top	brass
Number of aRGB LEDs	2
Threads	2 x G1/4“
Power supply Digital aRGB	3-Pin 5V
Pressure tested	0,8 bar
Max working temperature	60°C
Net weight	707g
Color	black

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Manual	13084_Alphacool_Eisblock_XPX_Pro_Aurora_-_Full_Brass_Black_Digital_RGB_Manual.pdf
Product pictures	13084_Alphacool_Eisblock_XPX_Pro_Aurora_-_Full_Brass_Black_Digital_RGB_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_13084.pdf

Packaging dimensions per unit

L x W x H	215 x 130 x 40 mm
Weight	1400 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197130844
Customs code	84195080900
Guarantee	10 years

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Article text

With the Alphacool XPX Aurora Pro Eisblock, Alphacool offers a CPU water cooler specially designed for processors with particularly large processor cores. These currently include the AMD Threadripper models and processors from Intel for the LGA 2066 socket and the LGA 3647 server socket in narrow ILM design. As a CPU cooler from the Aurora Design line, the CPU cooler naturally offers integrated digital aRGB lighting.

Extremely powerful

The cooler base has been specially optimized for the large processor cores. With an area of 42 x 58.6 mm and 147 cooling fins the cooling area has been significantly increased. As a comparison, an Alphacool XPX Aurora Eisblock has 81 cooling fins to completely cover the processor core of a normal CPU. Both coolers use the same fin type with a thickness of only 0.2 mm. This clearly shows how far Alphacool has gone to offer the best possible performance. The entire cooler base is of course made of nickel-plated copper and not aluminium. This is due to the increased thermal conductivity of copper. It is almost twice as high as that of aluminium.

Lighting

Behind the Alpahcool logo, 2 digitally addressable 5V RGB LEDs are installed, which create a unique, very noble-looking illumination. The digital aRGB LED lighting is connected via a JST 3-pin connector. To control the digital RGB lighting, the enclosed adapter must be connected to the 3-pin female connector and connected to a digital RGB controller or a digital RGB-capable mainboard. Additional digital RGB LEDs can be connected to the remaining 3-pin male connector.

Discreet appearance

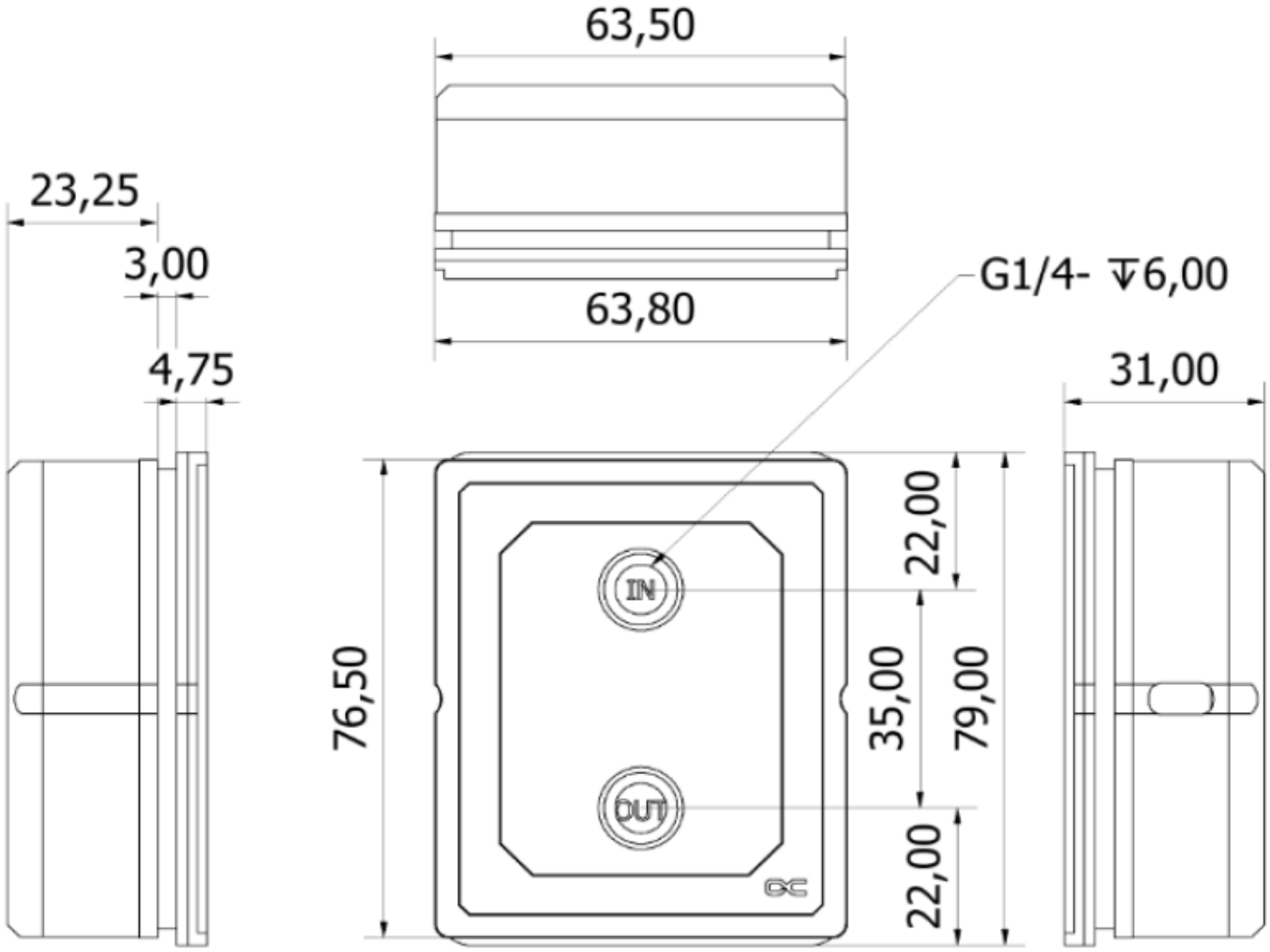
The matt finish gives the cooler, which is made entirely of brass (except for the cooler bottom), a noble look. This makes it interesting for users who prefer a discreet appearance and want to do without a complex aRGB illumination.

Thermal grease

The thermal paste included in the delivery is Alphacool's Subzero with a thermal conductivity of 16 W/mk. The electrically non-conductive thermal grease is particularly suitable for high contact pressures, but can still be processed perfectly due to its viscosity of 850000 TF.

With the Alphacool LGA 4677 Mounting Bracket (article no.: 13764), this cooler is also compatible with the Intel socket LGA 4677.

Figure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