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Alphacool Eisblock XPX 1U - Black Acetal Version

Alphacool article number: 12961

Quick Info

The Alphacool Eisblock XPX 1U is the Enterprise Solutions version of the well-known and popular Eisblock XPX CPU water cooler. It has been specially optimized for use in 1U server racks and has extended connection options. This allows for more connection options in the very tight 1U server racks and integrate it easily into a cooling loop.

- Nickel-plated copper cooling block
- Side threads
- Compatible with Intel and AMD sockets
- Compatible with 1U server racks

Compatibility

AMD: AM3 / AM3+ / AM4 / AM5

Intel: LGA 1150 / LGA 1151 / LGA 1200 / LGA 1700 / LGA 1851 / LGA 2011 / LGA 2011-3 / LGA 2066

We assume no responsibility for any typing errors. Alphacool International GmbH, Marienberger Strasse 1, 38122 Braunschweig Tel: (+49)0531 288 7400 Supportmail: info@alphacool.com

Scope of delivery

1x Alphacool Eisblock XPX 1U - Black Acetal Version
Mounting material
Mounting manual in multiple languages (DE/EN/FR)

Technical data

Dimensions	65 x 65 x 25,5mm
Colour	Black
Weigth	170g
Pressure tested	4.5 Bar
Max working temperature	60°C
Material cooling plate	nickel plated copper
Material cooler top	Acetal
Connections	7 x G1/4" (3 x IN, 4 x OUT)

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Manual	12961_Alphacool_Eisblock_XPX_1U_-_Black_Acetal_Version_Manual.pdf
Product pictures	12961_Alphacool_Eisblock_XPX_1U_-_Black_Acetal_Version_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_12961.pdf

Packaging dimensions per unit

L x W x H	100 x 100 x 50 mm
Weight	170 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197129619
Customs code	84195080900

Article text

The Alphacool Eisblock XPX 1U is the Enterprise Solutions version of the well-known and popular Eisblock XPX CPU water cooler. It has been specially optimized for use in 1U server racks and has extended connection options. This allows for more connection options in the very tight 1U server racks and integrate it easily into a cooling loop.

Many Connection Options

Thanks to its extremely flat design, the Eisblock XPX 1U fits into any 1U server case. Due to the flat design of a 1U server rack, no inlets or outlets can be used on top of the CPU cooler as the total height of the CPU cooler including the fittings would no longer fit. Therefore, the Eisblock XPX 1U has further connection possibilities on the side of the cooler. There are altogether 3 x IN and 4 x OUT, with 2 x In and 3 x OUT mounted on the side. Straight fittings up to a size of 13/10 mm can be connected at the side. The Alphacool TPV connectors, which were specially developed for the Enterprise Solutions series, are ideal. Larger fittings can be used, but only in specific circumstances with angled adapters. The fittings on top of the CPU cooler can of course be used as usual with all connections up to a size of 16 mm outside diameter, no matter whether for soft tube or HardTubes.

High Performance

The Eisblock XPX has been called the most powerful CPU water cooler by many independent media. This also applies to the Eisblock XPX 1U as it contains the same technology. The only slight change is to the patented ramp system for optimal waterflow. This has been adapted to allow the new lateral connections. The base plate offers 81 cooling fins covering an area of 34 x 32 mm. The fins are only 0.2 mm thick. This allows for the largest possible area for heat dissipation through the water.

Simple Assembly

The backplate is attached to the mainboard from behind. Then the mounting frame and the mounting screws (which can be pre-assembled seperately) are attached directly on the CPU block. Then it is a simple job of screwing the CPU block and mounting frame to the backplate. Mounting material for all mainstream sockets from AMD and Intel is included. We do not include the mounting materials for some Intel Xeon sockets and the AMD Threadripper as we recommend the Eisblock XPX Pro series for these. The pro series offers adapted mounting material and an enlarged cooling surface for these oversized processors.