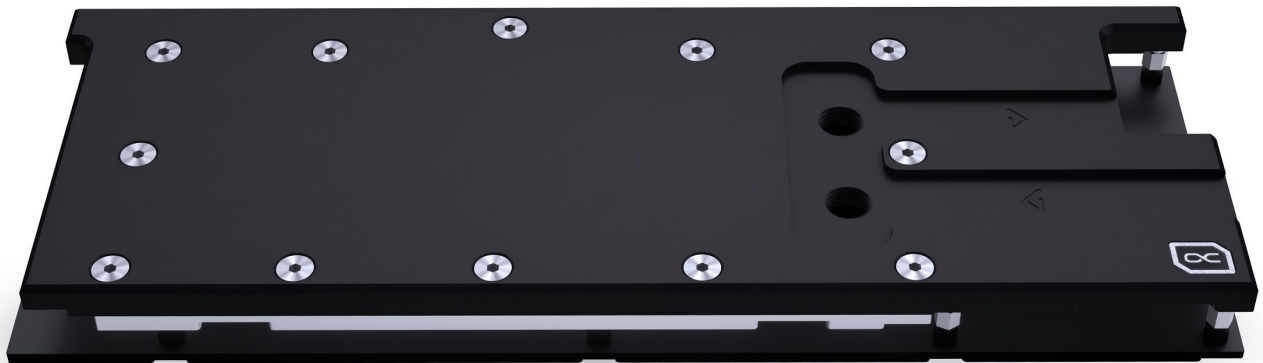


Alphacool Eisblock ES Acetal GPX-N RTX 3080/3090 Turbo with Backplate

Alphacool article number: 11976

The Alphacool Eisblock ES Acetal GPX-N RTX 3080/3090 Turbo was specially developed for the Alphacool Enterprise series. The full-cover cooler with aluminium backplate cools the GPU and all important components such as voltage converters and the graphics memory directly with water.

Alphacool Eisblock ES Acetal GPX-N RTX 3080/3090 Turbo with Backplate



- Fullcover water block
- Nickel plated copper cooler
- Aluminium backplate included

We assume no responsibility for any typing errors.

Alphacool International GmbH, Marienberger Strasse 1, 38122 Braunschweig Tel: (+49)0531 288 740 Supportmail: info@alphacool.com

Scope of delivery

1 x 8x77x1mm thermal pad	2 x 15x51x2mm thermal pad
2 x 15x51x1mm thermal pad	1 x 15x38x2mm thermal pad
1 x 15x38x1mm thermal pad	1 x 15x15x2mm thermal pad
1 x 15x15x1mm thermal pad	1 x 30x30x2mm thermal pad
1 x 8x84x1mm thermal pad	2 x M3x5 screws
1 x 8x77x3mm thermal pad	2 x M3 nuts
1 x 8x84x3mm thermal pad	4 x M2x5 screws
2 x 30x30x3mm thermal pad	4 x M2 washers
2 x 15x51x3mm thermal pad	8 x M2x11 screws
1 x 15x38x3mm thermal pad	1 x Thermal grease
1 x 15x15x3mm thermal pad	

Data cooler

L x W x H	266,7 x 97,90 x 14,75 mm
Material cooler	Nickle-plated copper
Material cooler top	acetal
Threads	2 x G1/4"
Thickness cooling fins	0,6 mm

Data backplate

L x W x H	266,7 x 97,6 x 6 mm
Material	aluminium
Color	Black

Download Links

Product pics	https://www.alphacool.com/download/1021950_Eisblock_ES_Acetal_GPX-N_RTX_3080-3090_Turbo_with_Backplate_pics.zip
Manual	https://www.alphacool.com/download/1021950_Eisblock_ES_Acetal_GPX-N_RTX_3080-3090_Turbo_with_Backplate_manual.pdf

Packaging dimensions 1 unit

L x W x H	35,5 x 17 x 4,5 cm
Total weight	1,190 kg

Other data

Certification	CE, FC, RoHS
EAN	4250197119764
Customs number	84195080900

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Article text

The Alphacool Eisblock ES Acetal GPX-N RTX 3080/3090 Turbo was specially developed for the Alphacool Enterprise series. The full-cover cooler with aluminium backplate cools the GPU and all important components such as voltage converters and the graphics memory directly with water.

Connections to the top?

Server cases offer different dimensions than normal PC cases. To save space in width and height, the connections were moved to the top. Another advantage is that it is easier to connect the tubing of a complete server rack with this kind of positioning of the connections. This means that even quick-release fasteners with G1/4" external thread can be screwed directly to the graphics card as already offered by Alphacool.

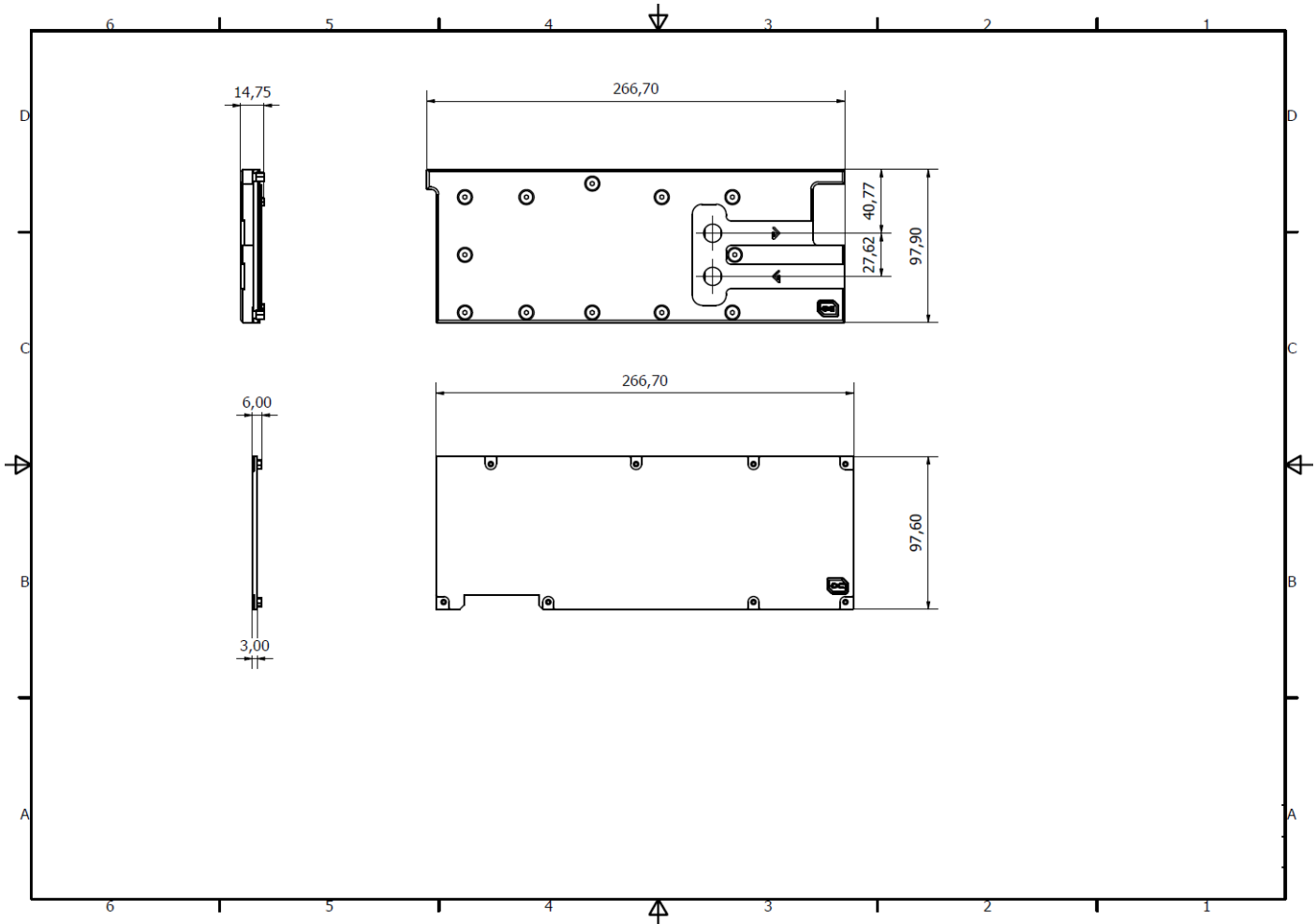
More performance!

During the development of the Eisblock ES Acetal GPX-N RTX 3080/3090 Turbo graphics card waterblock, we naturally placed great emphasis on increasing performance. For the first step, the cooler was brought closer to the individual components by reducing the thermal pads to a thickness of 1 mm. Next, the nickel-plated copper block was also made thinner. Instead of 7 mm, it is now only 5.5 mm thick. The water flow within the cooler was also optimized. All important components such as the voltage converters and the RAM are now cooled much better and more effectively by water. All this provides a significant increase in cooling performance.

Copper or aluminum?

Alphacool, of course, only uses copper in its water coolers. In the Eisblock ES Acetal GPX-N RTX 3080/3090 Turbo the copper is nickel-plated. However, compared to the previous models, Alphacool has improved the type of nickel plating once again. This has significantly increased the acid resistance and is intended to prevent nickel plating from flaking off. Why does Alphacool use copper instead of aluminum? Copper simply has almost twice the thermal conductivity of aluminum and is therefore clearly the better material for water cooling.

Dimensions



Compatibility

Compatibility	<ul style="list-style-type: none">ASUS Turbo GeForce RTX 3090 (90YV0FK0-M0NB00)ASUS Turbo GeForce RTX 3080 10GB (TURBO-RTX3080-10G)ASUS Turbo GeForce RTX 3080 V2 10GB (TURBO-RTX3080-10G-V2)
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