

Alphacool Eisblock ES Acetal RTX 3080/3090 Reference with Backplate

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The Alphacool Eisblock ES Acetal GPX-N RTX 3080/3090 was specially developed for the Alphacool Enterprise series. Over 17 years of experience has been incorporated into the development of this graphics card water block and it represents the current ethos of Alphacool product development.

Eisblock ES Acetal GPX-N



- Fullcover water block
- Nickel plated copper cooler

Compatibility

RTX 3080

Zotac GAMING GeForce RTX 3080 Trinity (ZT-A30800D-10P)

Zotac Gaming GeForce RTX 3080 Trinity OC (ZT-A30800J-10P)

PNY GeForce RTX 3080 XLR8 Gaming EPIC-X RGB 10240 MB GDDR6X (VCG308010TFXMPB)

PNY GeForce RTX 3080 XLR8 Gaming EPIC-X RGB 10240 MB GDDR6X (VCG308010TFXPPB)

Inno3D GeForce RTX 3080 iChill X4 10240 MB GDDR6X (C30804-106XX-1810VA36)

Inno3D GeForce RTX 3080 Twin X2 OC 10240 MB GDDR6X (N30802-106XX-1810VA34)

Inno3D GeForce RTX 3080 iChill X3 10240 MB GDDR6X (C30803-106XX-1810VA37)

Palit GeForce RTX™ 3080 GamingPro (NED30800191A-132AA)

Palit GeForce RTX™ 3080 GamingPro OC (NED3080S191A-132AA)

Galax GeForce RTX 3080 SG 10GB GDDR6X 320-bit DP*3/HDMI (38NWM3MD99NN)

KFA2 GeForce RTX 3080 SG 10GB GDDR6X 320-bit DP*3/HDMI (38NWM3MD99NK)

Gainward RTX 3080 Phoenix

Gainward RTX 3080 Phoenix GS

Galakuro NVIDIA GEFORCE RTX 3080 GG-RTX3080-E10GB/TP

RTX 3090

PNY GeForce RTX 3090 XLR8 Gaming EPIC-X RGB, 24576 MB GDDR6X (VCG309024TFXPPB)

Inno3D GeForce RTX 3090 iChill X3, 24576 MB GDDR6X (C30903-246XX-1880VA37)

Inno3D GeForce RTX 3090 Gaming X3, 24576 MB GDDR6X (N30903-246X-1880VA37N)

Inno3D GeForce RTX 3090 iChill X4, 24576 MB GDDR6X (C30904-246XX-1880VA36)

Zotac GeForce RTX 3090 Trinity, 24576 MB GDDR6X (ZT-A30900D-10P)

Palit GeForce RTX™ 3080 GamingPro (NED3090019SB-132BA)

Palit GeForce RTX™ 3080 GamingPro OC (NED3090S19SB-132BA)

Galax GeForce RTX 3090 SG 24GB GDDR6X 320-bit DP*3/HDMI/ (39NSM5MD1GNA)

KFA2 GeForce RTX 3090 SG 24GB GDDR6X 320-bit DP*3/HDMI/

Gainward RTX 3090 Phoenix

Gainward RTX 3090 Phoenix GS

Galakuro NVIDIA GEFORCE RTX 3090 GG-RTX3090-E24GB/TP

Compatibility

Scope of delivery

Coming soon...

Coming soon...

Data cooler

L x W x H	97 x 253 x 27 mm
Material cooler	Nickle-plated copper
Material cooler top	Acetal
Threads	4 x G1/4"
Thickness cooling fins	0,6 mm

Data backplate

L x W x H	96 x 225 x 5 mm
Material	Aluminium
Color	Black

Download Links

Product pics	https://www.alphacool.com/download/1020335_Eisblock_ES_Acetal_3080_3090_pics.zip
Manual	Coming soon...

Packaging dimensions 1 unit

L x W x H	16,3 x 35,2 x 4,4 cm
Total weight	1000 g

Other data

Certification	CE, FC, RoHS
EAN	4250197130028
Customs number	84195080900

We assume no responsibility for any typing errors.

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Article text

The Alphacool Eisblock ES Acetal GPX-N RTX 3080/3090 was specially developed for the Alphacool Enterprise series. Over 17 years of experience has been incorporated into the development of this graphics card water block and it represents the current ethos of Alphacool product development.

More performance!

During the development of the Eisblock ES Acetal GPX-N RTX 3080/3090 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.

Connections to the rear?

Server cases offer different dimensions than normal PC cases. To save space in width and height, the connections were moved to the back. 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.

Copper or aluminum?

Alphacool, of course, only uses copper in its water coolers. In the Eisblock ES Acetal GPX-N RTX 3080/3090 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.

Are these all new products?

The graphics card water cooler Eisblock ES Acetal GPX-N RTX 3080/3090 also uses the new patented screw plugs, which are flush with the surface of the terminal. IN and OUT are now marked by small discreet triangles. They are easily recognizable and fit perfectly into the overall optical line of the graphics card water cooler.

The Alphacool ES Acetal GPX-N RTX 3080/3090 is in every respect a complete further development of the previous Alphacool graphics card water cooler. No technical compromises were made, but the entire technical know-how was incorporated into the development and implementation.

Note:

- This cooler is delivered with a backplate!
- The Founders Edition does NOT correspond to the Reference Design!