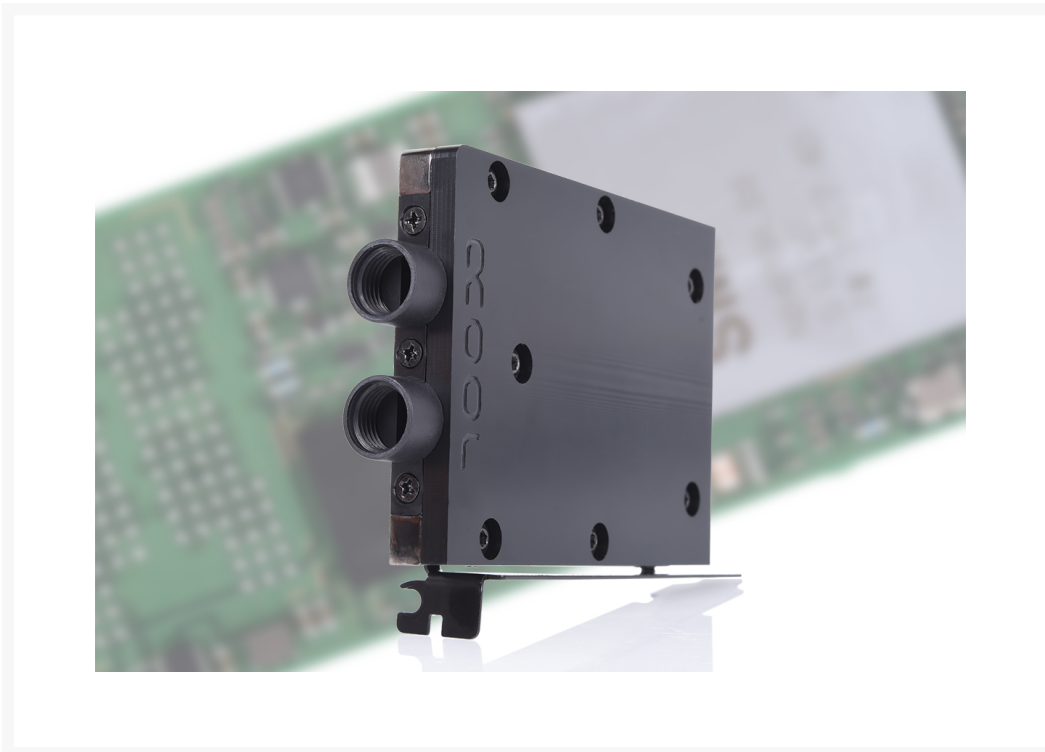


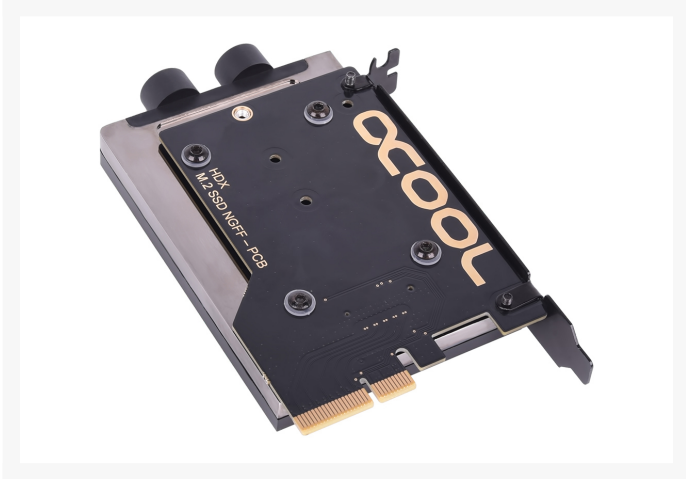
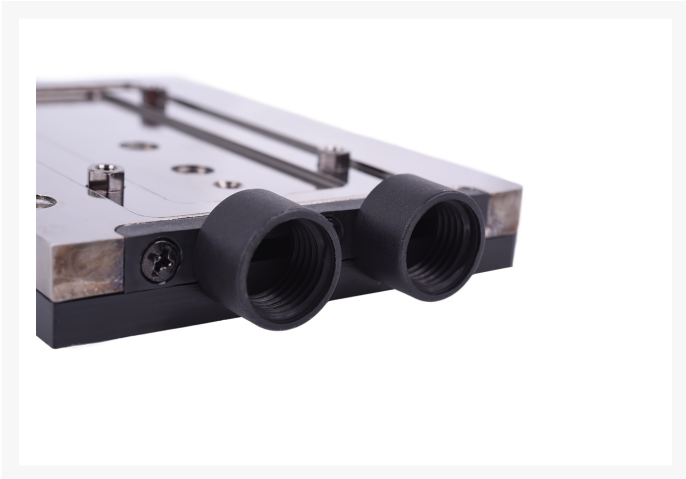


Alphacool Eisblock HDX-3 PCI-e 3.0 x4 adaptor for M.2 NGFF with water cooling block - black

\$96.50

Product Images





Short Description

The Alphacool Eisblock HDX-3 water block offers the best cooling for your M.2 SSD. The included PCIe card, on which the water block is mounted, also provides your SSD with an outstanding bandwidth of up to 3900 MB/s.

Description

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Features

Highlight

- Enormous cooling surface for optimal cooling performance
- Easy installation in your cooling loop with G1/4" threads
- Possible bandwidth of up to 3900 MB/s.
- Water block provides optimal protection for your SSD

The Alphacool Eisblock HDX-3 water block offers outstanding cooling for your M.2 SSD. Continuous, substantial data transfer dramatically lowers the performance of an M.2 SSD without cooling and can actually drop performance down to as little as 10% of its actual capability. Transferring large amounts of data heats up the memory controller and chips until a safety mechanism kicks in and severely throttles the SSD's performance. This can be countered by actively cooling the SSD. After developing the HDX M.2 water block for motherboards with M.2 slots and the passively-cooled HDX-2 PCIe water block, Alphacool has gone one step further with the Eisblock HDX-3 to offer a water cooling solution to this problem.

The M.2 SSD is screwed onto a PCIe card and then mounted onto the water block. The water block itself is made of nickel-plated copper with a screwed-on acetal lid. Water in the block flows over the entire SSD and ensures optimal heat transfer away from the M.2 SSD. Using the G1/4" connectors, the water block can be attached to any standard water cooling loop.

The PCIe card is plugged into a 4xPCIe slot and screwed onto the case. With it, data can be transferred at speeds of up to 3900 MB/s. This is a much faster bandwidth than most SSDs can even use. That's a 600% improvement over conventional 2.5" SATA-SSDs, since the maximum bandwidth for those is 640 MB/s. Even compared to motherboard slots, the plug-in card combined with the water block still offers substantially higher transfer rates. M.2 SSDs on motherboards are often only plugged into a 2xPCIe slot, which halves the maximum data transfer rate. It is also difficult to properly cool an M.2 SSD on a motherboard, since the graphics card is generally mounted directly above or below it and tends to significantly heat up the surrounding area.

With the Alphacool Eisblock HDX-3, you can avoid all these problems and get the best performance from your M.2 SSD.

Specifications

Connector:	2xG1/4
Manufacturer:	Alphacool
Material bottom:	Copper
Material top cover:	Plastic

Technical Details

- Dimension (LxWxH): 120 x 81,5 x 20mm
- Material: Copper, Acetal
- Threads: 2x G1/4"
- PCIe form factor: 4x PCIe
- Compatibility: M.2 2280 PCIe SSDs
- Max. Bandwidth PCIe Card: 3938 MB/s

Scope of Delivery

- Alphacool Eisblock HDX-3 PCIe 3.0 x4 adaptor for M.2 NGFF with water cooling block - blackMounting material
- PCIe card (M.2 adapter)
- Slot cover

CAUTION

There is a protective film covering the PCI-E plug contact. This must be removed before initial operation.

Additional Information

Brand	Alphacool
SKU	AC-11435
Weight	0.5000
Color	Black
Misc Watercool	HDD/SSD Waterblock
Material	Copper
Vendor SKU/EAN	4250197114356

Internet Reviews



Thermalbench Review

"Packaging is excellent, and the block does support most Intel and AMD sockets from the past decade even. Aesthetics are a personal preference but the build quality can't be argued against."
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