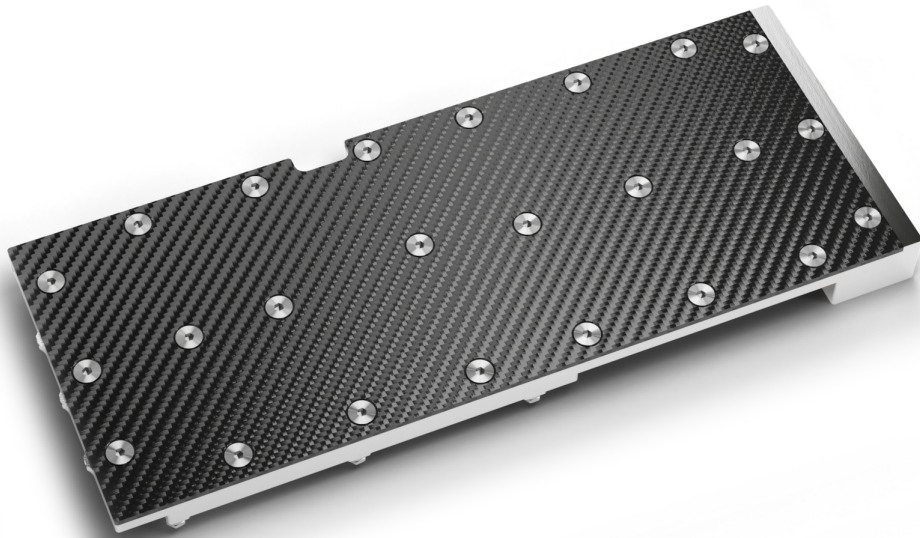


Alphacool ES RTX 4000 Ada Gen. 1-Slot GPU-Cooler

Alphacool article number: 14596



Quick Info

The Alphacool ES RTX 4000 Ada Gen. GPU cooler was developed for the Enterprise Series, but not only impresses with its improved cooling performance and compact design, but also with its matt carbon look.

- 1-slot water cooler
- Fullcover water cooler
- Chrome-plated copper bottom

Compatibility

- Nvidia RTX 4000 Ada Generation, 20GB GDDR6, 4x DP, bulk (900-5G190-2270-000)

Scope of delivery

1x ES RTX 4000 Ada Gen. 1-Slot GPU-Cooler	1x Putty tool
1x Backplate	1x 51x8x2mm Pad
8x M2x10mm Screw	4x Spring Screw
3x M2x8mm Screw	4x EVA Washer
4x 40x15x1mm Pad	2x EVA Washer
1x 8x8x1mm Pad	3x M2x5mm Screw
1x 55x8x1mm Pad	1x PCI Bracket
1x Thermal Grease	

Technical data

Dimensions (L x W x H)	241,25 x 96,70 x 17,50mm
Height of the backplate	1mm
Weight (total)	1100g
Cooler base material	Chrome-plated copper
Cooler top material	Carbon
Threads	2 x G1/4"
Maximum working temperature	60 °C
Pressure tested	8 Bar
Color	Black

Download links

Manual	14596_Alphacool_ES_RTX_4000_Ada_Gen._1-Slot_GPU-Cooler_Manual.pdf
Product pictures	14596_Alphacool_ES_RTX_4000_Ada_Gen._1-Slot_GPU-Cooler_pics.zip

Packaging dimensions per unit

L x W x H	353 x 175 x 45 mm
Weight	1430 g

Other data

Certificates	CE, FC, RoHS
EAN	4049469340315
Customs code	84195080900
Guarantee	3 years

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Connections at the rear?

By using a thin and extremely stable carbon plate, it was possible to design this as a single-slot cooler without having to compromise on the copper base. In combination with the connections positioned at the rear, several coolers can be stacked on top of each other with ease. This well thought-out design saves space, simplifies tubing and enables seamless integration into the water loop.

More performance!

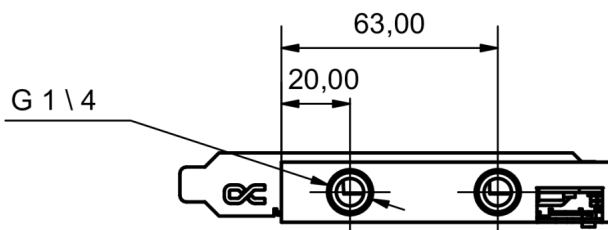
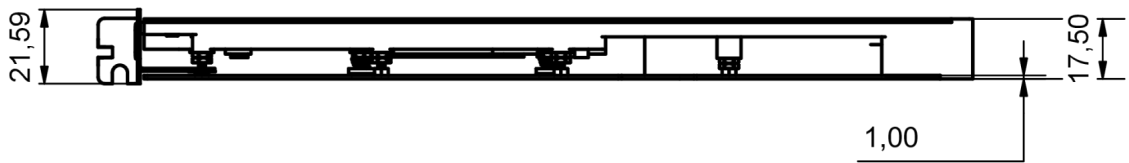
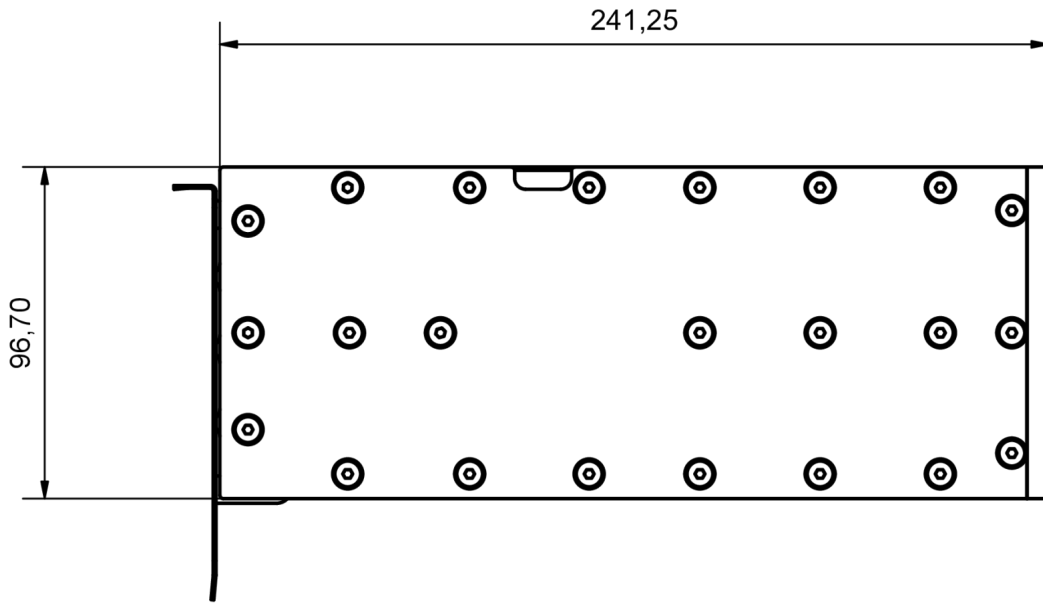
Alphacool has given special attention to increasing cooling performance. In addition to optimising the water flow within the cooler and the thickness of the copper block, 1mm high-performance heat conducting pads are used. These measures ensure that the components to be cooled are closer to the cooler, which leads to significantly more effective cooling of all important components.

Copper or aluminium?

High-quality copper is used for all water-bearing parts, which offers almost twice the thermal conductivity of aluminium. The copper is also chrome-plated instead of nickel-plated, which provides additional protection for the cooler. The chrome plating is more resistant to acids, scratches and other damages, which effectively prevents coatings from flaking off.

Thermal paste & thermal pads

The scope of delivery includes Apex thermal compound, which is the most durable thermal compound Alphacool offers with its low silicone content. This electrically non-conductive paste is ideal for high contact pressures and is easy to work with thanks to its viscosity. Soft, high-performance thermal pads are also supplied, which adapt perfectly to the components to be cooled.



General tolerance: $\pm 0,25$ mm
Dimension in millimeter