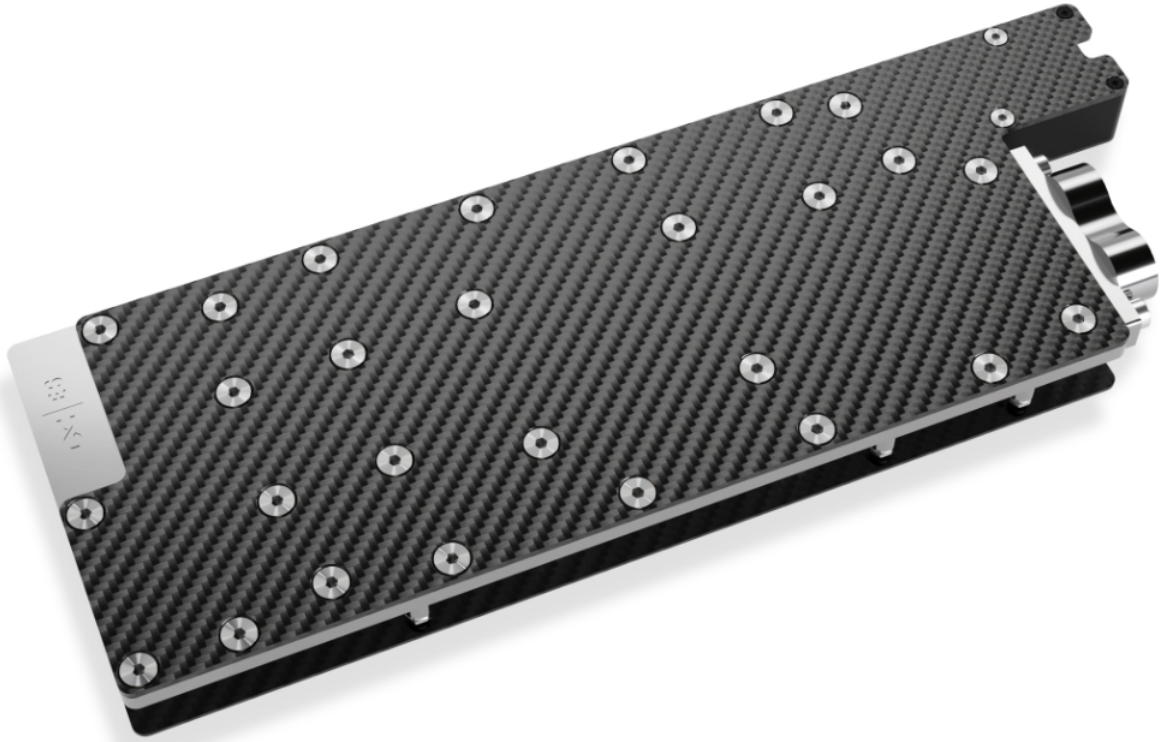


Alphacool ES H200 141GB NVL PCI-E 1-Slot-Design

Alphacool article number: 10275



Quick Info

The Alphacool ES 1-Slot GPU water cooler for the Nvidia H200 141GB is specifically designed for professional use in performance-optimized server environments. With its compact 1-slot design and strategically positioned connectors, it meets the highest standards in cooling performance, reliability, and ease of installation – particularly in dense rack setups where space is at a premium.

- 1 Slot Cooler
- Fullcover water cooler
- Chrome-plated copper bottom
- For high performance in server and workstation systems

Compatibility

- Nvidia H200 NVL, 141GB HBM3 (900-21010-0040-000)

Scope of delivery

1x ES H200 141GB NVL PCIe Cooler	1x Thermal Grease
1x Backplate	1x Putty tool
1x 44x8x1mm Pad	12x M2x8mm Screw
2x 68x8x1mm Pad	2x M2x6mm Screw
1x 52x8x1mm Pad	3x M2x5mm Screw
9x 8x8x1mm Pad	1x PCIe Bracket

Technical data

Dimensions (L x W x H)	268,59 x 94,45 x 20,67 mm
Slot size	1
Material cooler	Chrome-plated copper
Material cooler top	Carbon
Threads	2 x G1/4"
Pressure tested	4 Bar
Maximum working temperature	60 °C
Color	black, carbon

Technical data backplate

Dimensions (L x W x H)	268,59 x 94,45 x 1,10 mm
Material	Carbon
Color	black

Download links

Manual	10275_Alphacool_ES_H200_141GB_NVL_PCI-E_1-Slot-Design_Manual.pdf
Product pictures	10275_Alphacool_ES_H200_141GB_NVL_PCI-E_1-Slot-Design_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_10275.pdf

Packaging dimensions per unit

L x W x H	350 x 200 x 50 mm
Weight	2000 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197102759
Customs code	84195080900
Guarantee	3 years

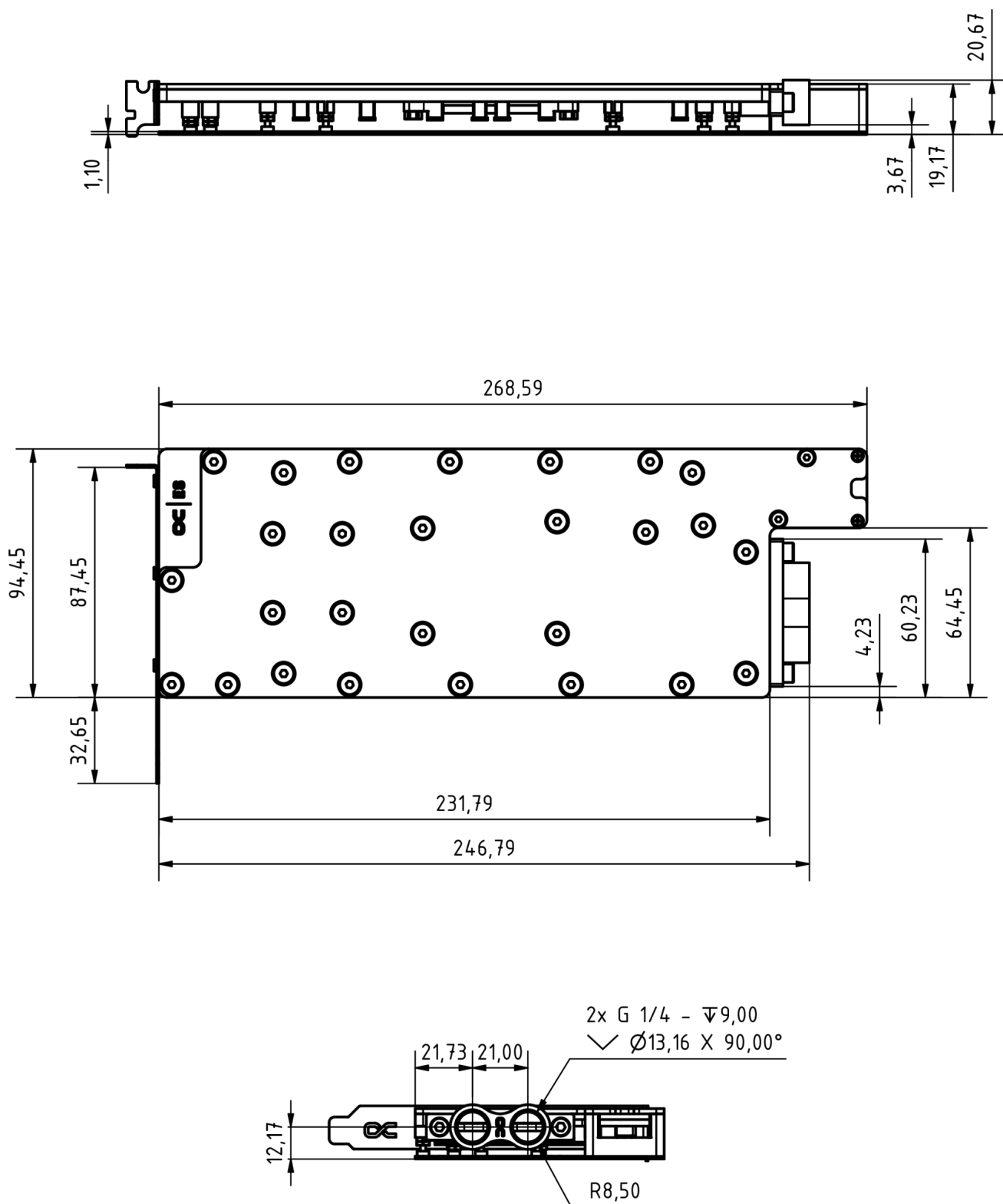
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Both the top and bottom of the cooler are made from lightweight yet durable carbon. This significantly reduces the overall weight compared to conventional solutions, while the matte carbon finish adds a subtle and refined aesthetic – functional and elegant at the same time. The cooling block itself is made entirely of chrome-plated copper. This plating is significantly harder and more resilient than traditional nickel coatings, offering long-term protection against corrosion, scratches, and mechanical stress – ideal for continuous 24/7 operation.

The cooler's inlet and outlet ports are placed at the rear of the block to save space. This connector layout simplifies tubing and integration into existing cooling loops, even within the tightest server chassis. The optimized internal channel structure ensures highly efficient heat dissipation from GPU, VRAM, and power delivery components. A precise flow path within the cooler ensures consistent water distribution across all critical areas.

The solid copper base guarantees maximum thermal absorption and transfer. The robust chrome plating prevents flaking or damage, even under sustained thermal loads.

The Alphacool ES 1-Slot GPU water cooler for Nvidia H200 141GB is the ideal solution for enterprise applications where performance, reliability, and efficient space utilization are key.



General tolerance: $\pm 0,25\text{mm}$
Thickness with graphics card (PCB)
Dimension in millimeter