

Alphacool ES 1 1U

Alphacool article number: 13528



Quick Info

The Alphacool ES 1 was specially designed for the requirements of server cooling and is an adapted version of the Alphacool Core 1. The cooler is particularly space-saving and has been developed for use in server and workstation systems.

- Nickel plated copper cooling block
- Compact design suitable for 1U systems
- Optimized for servers and workstation systems
- Reliable cooling with 3D-Jetplate
- Reworked Mounting-System

Compatibility

AMD: AM4 / AM5

Intel: LGA 1700 / LGA 1851

Scope of delivery

1 x ES 1 1U CPU cooler	4x Screw sleeve
1x Thermal Grease	1x CPU Brackets INTEL Set
1x Putty tool	1x CPU Backplate INTEL
1x CPU Brackets AMD Set	4x Threaded bolt INTEL
4x Threaded bolt AMD	4x EVA Washer

Technical data

Dimensions (L x W x H)	70.00 x 70.00 x 26.00mm
Form factor	1U
Material cooler	nickel plated copper
Material cooler top	acetal
Material threads	acetal
Threads	2 x G1/4"
Fin thickness	0.4mm
Fin distance	0.4mm
Pressure tested	8 bar
Max working temperature	60°C
Weight	230g
Color	black

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Manual	13528_Alphacool_ES_1_1U_Manual.pdf
Product pictures	13528_Alphacool_ES_1_1U_pics.zip

Packaging dimensions per unit

L x W x H	255 x 180 x 50 mm
Weight	925 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197135283
Customs code	84195080900

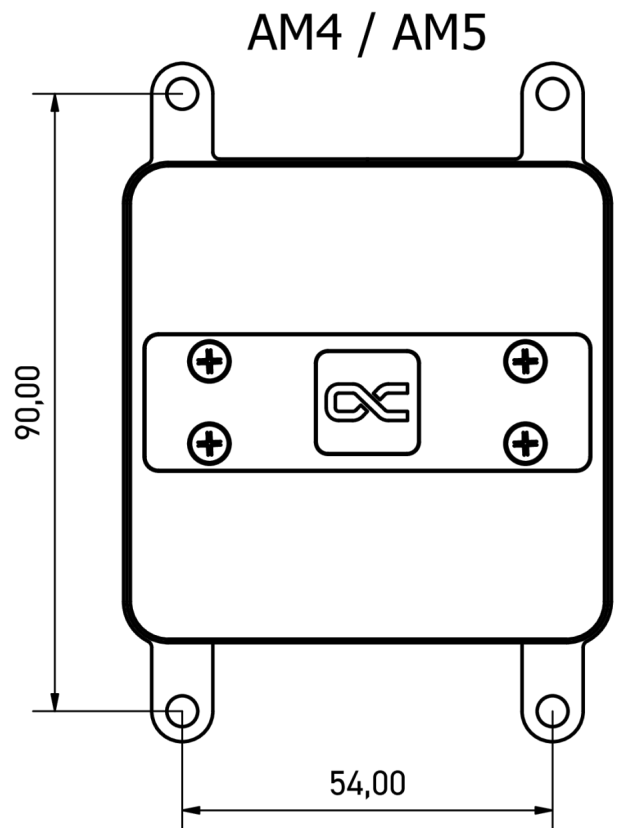
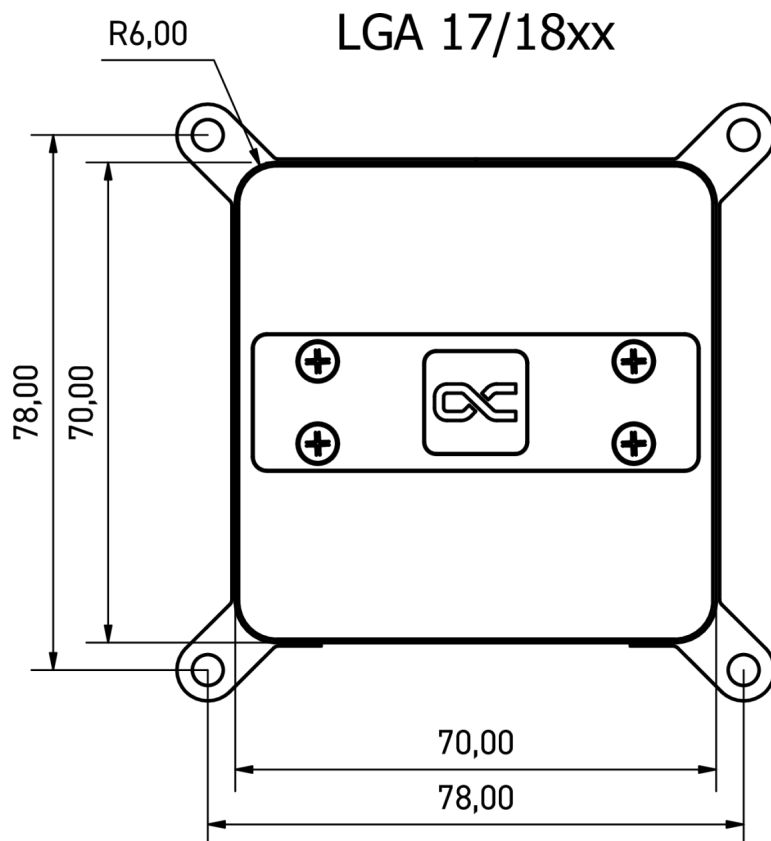
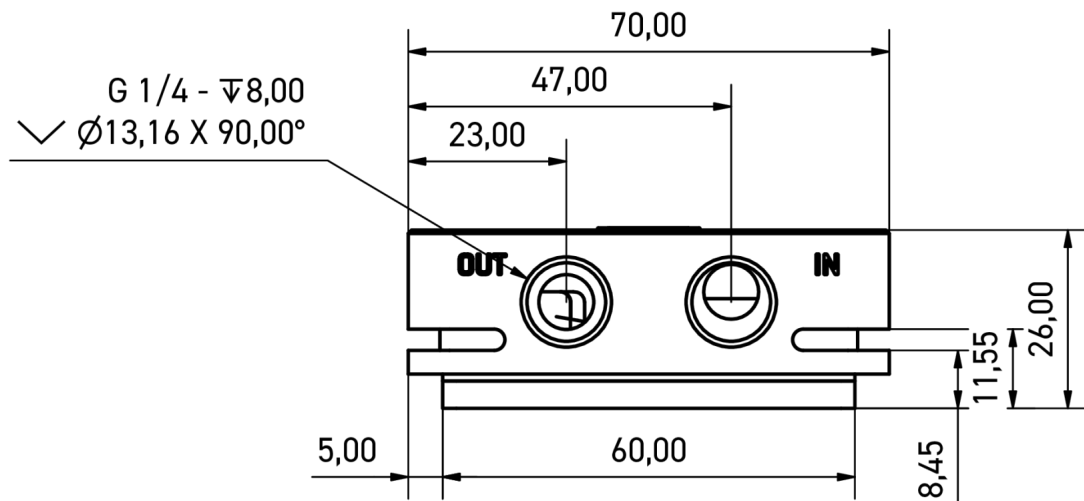
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Optimized for server projects

Thanks to the side connections and flat design, the ES 1 can be installed in small systems with little space and can therefore be easily installed in 1 U server cases. The new mounting system and the use of acetal for the housing help to minimize both the assembly effort and the costs for large quantities.

Reliable cooling

Alphacool combines the best of two worlds with the ES 1. The innovative 3D Jetplate in combination with the proven cross-slot technology ensures that the coolant is distributed evenly across the base of the cooler. Inside the cooler, an O-ring ensures a precise flow of water and thus guarantees reliable cooling. This tried and tested technology is also used in the Core 1.



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