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Alphacool Eisbaer 360 CPU - Black

Alphacool article number: 11286

Quick Info

With the “Eisbaer”, Alphacool is fundamentally revolutionizing the AIO cooler market. Where traditional AIO CPU-coolers are disposable products which are neither upgradeable nor refillable, the Alphacool “Eisbaer” is modularly built and can be upgraded, rebuilt or refilled at any time. This means that the “Eisbaer” is not only an AIO, but also fully built on classic water cooling components. That means it is quieter and more powerful than the average AIO solution.

- Quick connectors make it easy to expand
- Pure copper radiator for maximum cooling performance
- Refillable via the fill port on the reservoir

Compatibility

AMD: 754 / 939 / 940 / AM2 / AM2+ / AM3 / AM3+ / AM4 / AM5 / C32 / FM1 / FM2 / FM2+ / G34

Intel: LGA 1150 / LGA 1151 / LGA 1156 / LGA 1200 / LGA 1700 / LGA 1851 / LGA 2011 / LGA 2011-3 / LGA 2066 / LGA 755

We assume no responsibility for any typing errors. Alphacool International GmbH, Marienberger Strasse 1, 38122 Braunschweig Tel: (+49)0531 288 7400 Supportmail: info@alphacool.com

Scope of delivery

- 1x Alphacool Eisbaer 360 CPU - Black
- 3x Alphacool Core fans
- 1x Intel Backplate
- 1x Intel bracket
- 1x AMD bracket
- PWM Adapter
- Mounting material
- 1x Thermal paste

Technical Details Pump (Alphacool DC-LT 2 2600 Ceramic)

Speed	2600 RPM
Voltage	6-13.5V DC
Power consumption	3,2W
Maximum flow rate	72 L/h
Maximum head	1 m
hose length	30 cm

Technical Details Fans

Fans	Core
Bearing	hydraulic Bearing
Operating Voltage	DC 12V
Power connector	4-Pin PWM
Rated Speed	0 - 2500 rpm ±10%
Max. Air Flow	72.63 CFM
Max. Static Pressure	2.42 mm/H2O

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Manuals	11286_Alphacool_Eisbaer_360_CPU_-_Black_Manual(1).pdf 11286_Alphacool_Eisbaer_360_CPU_-_Black_Manual(2).pdf
Safety data sheet	11286_Alphacool_Eisbaer_360_CPU_-_Black_SDS.pdf
Product pictures	11286_Alphacool_Eisbaer_360_CPU_-_Black_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_11286.pdf

Packaging dimensions per unit

L x W x H	260 x 435 x 140 mm
Weight	3027 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197112864
Customs code	84195080900

Article text

With the “Eisbaer”, Alphacool is fundamentally revolutionizing the AIO cooler market. Where traditional AIO CPU-coolers are disposable products which are neither upgradeable nor refillable, the Alphacool “Eisbaer” is modularly built and can be upgraded, rebuilt or refilled at any time. This means that the “Eisbaer” is not only an AIO, but also fully built on classic water cooling components. That means it is
quieter and more powerful than the average AIO solution.

Radiator

Alphacool depends on a radiator made of pure copper. The base of the radiator is the popular Alphacool NexXxoS series, which is well-loved around the world. The pure copper construction raises the cooling performance enormously compared to the usual aluminium radiators used in classic AIOs. The slight thickness of the fins ensures enormous cooling power in fans with low rotational speed. This ensures that the performance of the “Eisbaer” when adjusting the fans down decreases much more slowly than in radiators with higher fin thickness.

Hoses

The flexible PVC hoses make installing the “Eisbaer” easy. These hoses are easier to arrange and move into the right position. So the hoses don’t bend and stop the flow of the water, both hoses have been fit-ted with anti-kink springs. The 11/8 mm size is also a standard in the water cooling field, alongside the 13/10 and 16/10.

Quick-lock closure

The “Eisbaer” was designed with expandability directly in mind. This is why you'll find a quick-lock closure on one of the hoses. This quick-lock mechanism is compatible with Alphacool HF quick-lock closures (1010383, 1010394, 1010395, 1010442), with which the circuit can easily be expanded to include anything from a radiator to a graphics card cooler. Furthermore, the “Eisbaer” is compatible with the upcoming Alphacool GPX-Pro graphics card AIO, which will use identical quick-lock closures.

Fans

Alphacool's Core is a quiet and efficient fan with a wide control range up to 2500 rpm. The via PWM signal controllable fan is particularly well suited for radiators. The double-bearing fan axis is smooth running and enables a long service life as well as quiet operation.

Connectors

All connectors are based on the classic G1/4 inch thread, the standard thread in the water cooling field. This way, all attachments can be switched out for others any time as desired. This also means that, for example, you could later decide to switch to thicker hoses or even HardTubes and set your system uniquely apart. All these features make the “Eisbaer” cooler into something extraordinary. Its enhanced appearance from the illuminated logo and the illuminated reservoir, which also contains the pump, lets the interior of your PC shine in a whole new way. The soft-touch surface of the pump case is a further visual highlight.

Pumps

The basis of the pumps is the Alphacool DC-LT 2 Ceramic, also available separately. The pump runs extremely quietly and can be regulated to between 6 and 13.5V. It can also be regulated through the motherboard. If the “Eisbaer” is being run alone, the 6V setting will still have next to no performance loss, as shown in diverse test results. The insulated pump case further perfects the noise generation and ensures that vibrations are almost completely absorbed. The smooth and shiny polished copper base of the cooler ensures optimal heat absorption and can relay the heat over the fine slit structure of the cooler to the water quickly and efficiently. With the “Eisbaer”, you get an all-around perfect product that is not only extremely high-powered but also works very quietly.

Notice for expansion

Please take care not to mix up the IN and OUT ports. On the “Eisbaer”, the “outlet” is marked in “red” and the “inlet” in “blue”. On the components to be connected, it is the opposite. The coupling with the “blue” marking denotes the “outlet” and the coupling with the “red” marking is the “inlet”. This is important as in many coolers the flow direction is crucial for optimal cooling performance.

Note on application

Please use only in conjunction with clear transparent water cooling fluids. The particles and additives in Pastel liquids can clog and permanently damage water cooling products such as radiators, pumps, coolers and hoses. This can result in voiding the manufacturer's warranty as well.