

Alphacool Eisbaer Aurora 360 CPU - Digital RGB V1.1

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Quick Info

The Alphacool Eisbaer Aurora AIO CPU water cooler is a latest development of the popular and well-known Eisbaer cooler. Alphacool has improved many features but the ability to expand the cooler via the quick release fasteners and the famous high-quality copper radiators have been retained. The large capacity reservoir and the ability to refill the cooler has also been kept the same.

- Digital addressable RGB LEDs incl. Controller
- Pump with 10% more power and less noise (compared to the previous model)
- New TPV hoses and fittings from the Alphacool Enterprise Solution series

Compatibility

AMD: AM2 / AM2+ / AM3 / AM3+ / AM4 / AM5 / FM1 / FM2 / FM2+ / sTRX4 / TR4

Intel: LGA 1150 / LGA 1151 / LGA 1155 / LGA 1156 / LGA 1200 / LGA 1700 / LGA 1851 / LGA 2011 / LGA 2011-3 / LGA 2066 / LGA 755

Scope of delivery

12x M3x5 screws	1x Y-adapter 4-pin PWM
12x M3x30 screws	1x digital-RGB controller
1x thermal paste	1x digital-RGB adapter
4x springs	1x set AMD mountings
4x 0,5 mm washers	1x set Intel mountings
4x 2 mm washers	1x backplate
4x nuts	

Technical data radiator

L x W x H	397 x 124 x 30 mm
Material	full copper
Threads	2x G1/4"
Max working temperature	60 °C
Pressure tested	0,8 Bar

Technical data pump housing

L x W x H	66 x 66 x 69 mm
Material reservoir	transparent nylon
Threads	2x G1/4"
Connection Digital aRGB	3-Pin JST + 3-Pin 5V
Quantity Digital aRGB LED	10

Technical data pump

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

Technical data fans

Speed	0 - 2500 RPM (+/- 10%)
Static pressure	3,17 mm H2O
Air flow rate	118,9 m³/h
Volume max	max. 31,5 dB(A)
Fan connector	4-Pin PWM
Connection Digital aRGB	3-Pin JST + 3-Pin 5V

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Manual	10231_Alphacool_Eisbaer_Aurora_360_CPU_-_Digital_RGB_V1.1_Manual.pdf
Safety data sheet	10231_Alphacool_Eisbaer_Aurora_360_CPU_-_Digital_RGB_V1.1_SDS.pdf
Product pictures	10231_Alphacool_Eisbaer_Aurora_360_CPU_-_Digital_RGB_V1.1_pics.zip

Packaging dimensions per unit

L x W x H	435 x 255 x 142 mm
Weight	3374 g

Other data

Certificates	CE, FC, ROHS
EAN	4250197102315
Customs code	84195080900

Article text

The Alphacool Eisbaer Aurora AIO CPU water cooler is an evolution of the popular and well-known Eisbaer cooler. Alphacool has improved many details while keeping certain standards. Above all, the expandability via quick connectors and the high-quality copper radiators remain core features. The large reservoir and the ability to refill the system are two more beloved features that have been retained.

The heart is the cooler with its pump

The cooler base is made of copper and features a fine slot structure. The surface has been enlarged compared to the previous model to fully cover the larger die areas of AMD and Intel processors. The DC-LT pump has also been redesigned and is now approximately 10% more powerful while operating even more quietly. The reservoir is many times larger than those found in conventional AIO systems, which ensures longer lifespan. In addition, the cooler unit features a fill port, allowing liquid to be added if necessary—especially useful when expanding the loop via quick connectors.

DIY components wherever you look

A major advantage of the Eisbaer Aurora series is its expandability through so-called Eisbaer-Ready quick connectors. These have also been redesigned to appear smoother and more discreet than those on the previous model. Despite the new design, they remain 100% compatible with all Eisbaer Ready products, such as pre-filled radiators, the Eiswolf AIO GPU water cooler, and the well-known Alphacool HF quick connectors available separately for standard DIY loops. The fittings come from Alphacool's Enterprise Solution series and use a standard G1/4" thread, allowing them to be swapped for any other compatible fitting. The TPV tubing is extremely durable and also used in the Enterprise Solution range for servers and workstations.

Copper radiator

As is typical for Alphacool, the radiators are made entirely of copper. Alphacool was the first manufacturer worldwide to consistently use copper in all water-carrying components—such as end chambers, cooling fins, and the soldered cooling channels. Only the connection threads are made of brass for technical hardening reasons. The cooling fins are only lightly coated, allowing the copper to subtly shine through when viewed closely. This is to avoid a thick layer of paint that could reduce cooling performance. The fin density is an optimal 15 FPI, allowing the radiator to work perfectly even with low airflow. A higher density would require faster fans, while a lower density wouldn't benefit from higher fan speeds. Alphacool has found the perfect balance here.

Fans and lighting

The entire Eisbaer Aurora cooler is equipped with addressable digital RGB LEDs. The pump housing features a fully illuminated Eisbaer pattern all around, making it a true eye-catcher inside your case. The Alphacool Rise Aurora 120 mm fans are also fully lit with 5V aRGB LEDs. The fan frame has a unique pattern with many small cut-outs, creating a particularly elegant lighting effect. No individual LEDs are visible, and the lighting is far more impressive than a simple LED ring. Of course, all digital RGB LEDs can be controlled individually, and depending on the controller, nearly all lighting effects are possible.

How everything connects

The fans are controlled via a standard 4-pin PWM connector. To avoid connecting each fan individually to the motherboard, a matching Y-cable is included. The RGB lighting uses a 3-pin JST connector. Each cable also has a built-in Y-adapter, allowing the fans to be easily daisy-chained. A 3-pin 5V adapter is also included, so you can connect the fans to any compatible motherboard and control the lighting. Alternatively, the included digital RGB controller can be used. The Eisbaer Aurora pump uses a 3-pin Molex connector, which can also be connected directly to the motherboard.

The Eisbaer Aurora CPU AIO water cooler is a worthy successor to the well-known Eisbaer line, improving on many of the details that matter in water cooling.