

The Alphacool Eisbaer Aurora LT impresses not only by the extensive Digital RGB lighting, but also by an enormous cooling capacity. To the enormous cooling capacity contributes of course especially the outstanding cooler and the full copper radiator. In addition, the Eisbaer Aurora LT is expandable, which can easily be done with the integrated quick release fastener.

Alphacool Eisbaer Aurora LT240 CPU Digital RGB



- Full copper radiator
- Virtually silent DC-LT 2 pump
- Nickel-plated copper cooler
- Hose length 40 cm
- Digital RGB illuminated cooler
- Digital RGB 120 mm fan

Compatibility list

Intel: 775 / 1056 / 1155 / 1150 / 1151 / 1200 / 1700 / 2011 / 2011-3 / 2066

AMD: AM2 / AM2+ / AM3 / AM3+ / FM1 / FM2 / FM2+ / AM4 / TR4 / sTRX4 / sWRX / SP3

We assume no responsibility for any typing errors.

Alphacool International GmbH, Marienberger Strasse 1, 38122 Braunschweig Tel: (+49)0531 288 740 Supportmail: info@alphacool.com

Scope of delivery

1x Mounting set AMD

1 x Y-Adaptor 4-Pin PWM

1 x Mounting set Intel

1 x Digital RGB Controller

1 x Thermal compound

1 x 3-Pin JST to 3-Pin 5V adaptor

8 x M3x5 case mounting screws

8 x M3x30 fan screws

Data radiator

L x W x H	274 x 120 x 25 mm (+/- 3%)
Material cooling fins	Copper
Material chambers	Copper
Material cooling channels	Copper
Material threads	Brass
Material outer housing	stainless steel
G 1/4" threads	2 x for tubes
For fan size	120 mm
Possible fan assembly	2 x one-sided / 4 x both-sided

Data cooler and pump

L x W x H	69 x 69 x 45 mm
Material cooler bottom	Nickel plated copper
Material cooler top	PMMA
Threads	2 x G1/4" (+ 1x Fillport G1/4")
Pump type	DC-LT 2
Pump speed	2600 rpm (+/- 10%)
Head of delivery	0,95 m
Maximum flow rate	75 L/h
Voltage	12V DC
Power consumption	4W
MTBF	50.000 h

Data liquid

Color	Clear
Ingredient 1	Distilled water (CAS-Nummer 7732-18-5)
Ingredient 2	Glysantin (CAS-Nummer 1017-21-1)
Working temperatures	-15 °C / +90 °C

Data Quick fasteners

L x D	95 x 27 mm
Material	Nylon
For tube size	12,7 / 7,6 mm
Colour	Black

We assume no responsibility for any typing errors.

Alphacool International GmbH, Marienberger Strasse 1, 38122 Braunschweig Tel: (+49)0531 288 740 Supportmail: info@alphacool.com

Data fittings

L x D straight fitting	24 x 18 mm
Quantity straight fittings	2x
L x B x H 90° fitting	35 x 27 x 17 mm
Quantity 90° fittings	2x
For tube size	12,7 / 7,6 mm
Material fittings	Brass

Data tube

Length	40 cm
Material tube	TPV (EPDM/PP)
Color	Matt black
Tube size	12,7 / 7,6 mm
Hardness grade	35 Shore-A to 50 Shore-D
Working temperature	-50 to +155 °C

Data fan

Speed	800 - 2000 RPM
Static pressure	2,0 mm H2O
Air flow rate	104,49 m³/h
Bearings	Hydraulic
Fan connector	4-Pin PWM
Connection Digital aRGB	3-Pin JST + 3-Pin 5V
Dimensions	120 x 120 x 25 mm
Net weight	187 g
Max working temperature	60 °C
Certificates	CE, FC, ROHS

Download links

Product pics	http://www.alphacool.com/download/1015980_Eisbaer_Aurora_LT_240_pics.zip
Manual	https://www.alphacool.com/download/Eisbaer_Aurora_LT_Manual.pdf

Packaging dimensions 1 unit

L x B x H	35 x 25 x 14,5 cm
Weight	3 kg

Other data

Certificates	CE, FC, RoHS
EAN	4250197116787
Customs code	84195080900

We assume no responsibility for any typing errors.

Alphacool International GmbH, Marienberger Strasse 1, 38122 Braunschweig Tel: (+49)0531 288 740 Supportmail: info@alphacool.com

Article text

The Eisbaer LT Aurora CPU AIO water cooler offers extremely good cooling performance due to the high-end components, which includes a full copper radiator. The components used are all from Alphacool's classic custom water cooling sector and can also be found in its enterprise products for servers. The Eisbaer LT Aurora can be expanded with additional components thanks to the quick-release fastener.

At its heart, the DC-LT 2 pump

The exceedingly small and compact DC-LT 2 pump has been further optimized compared to its predecessor. The impeller sits suspended on a ceramic axle and is supported by two magnets. A 3-phase sinusoidal drive ensures a much smoother running of the pump, which significantly contributes to minimizing noise. The pump offers enough power to add another component, such as a GPU water cooler or another radiator, to the loop. Ideally, it is coupled with an Eiswolf 2 GPU AIO water cooler. This also uses a DC-LT 2 pump.

DIY fittings and ES tubing

The tubing and fittings come from the standard custom cooling segment and all use a standard G1/4" thread. Therefore, it is extremely easy to replace them. The black TPV hose comes, like the connectors, from the Alphacool ES series which is primarily installed in servers and workstations. The hose does not contain any plasticizers and, unlike classic PVC hoses, does not deform at high temperatures. The quick connector is not made of heavy brass, but of extremely light, durable and, robust nylon. The quick connector is compatible with many other models from the Alphacool product line.

Cooler

As with all Alphacool products, the cooler base is made of nickel-plated copper and is equipped with exceptionally fine cooling fins that are distributed over almost the entire base. A flow plate provides an accelerated flow over the cooling fins which increases the cooling performance. The water flow is optimized so that all areas of the cooler base are cooled evenly.

Full Digital RGB Mounting

The pump unit and fans are fully equipped with Digital RGB LEDs, also known as Addressable RGB or aRGB. Extensive effects can be set with the included controller or with the Digital RGB controller on the motherboard. For a nice visual effect, there is an illuminated polar bear (Eisbaer). For easier control via a controller, the fans and also the pumps can be connected in series via daisy-chain. This ensures a clean wiring of the individual LED components.