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The Eisbaer LT 92 was developed and adapted especially for Small-Form-Factor cases. Short hoses and extremely compact dimensions characterise the product. Due to the copper radiator and the copper cooler, extremely good cooling performance is achieved even with a 92 mm radiator, even on High-End CPUs.

Alphacool Eisbaer LT92



- Copper radiator
- Silent DC-LT pump
- Ideal for SFF cases
- High-quality components from the Enterprise Solution series
- adressable Digital RGB LEDs
- Nickel plated copper bottom

Compatibility list

AMD: AM2 / AM2+ / AM3 / AM3+ / FM1 / FM2 / FM2+ / AM4

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

We assume no responsibility for any typing errors.

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Scope of delivery

1x Mounting set AMD
1 x Munting set Intel
1 x Thermal compound
4 x M3x5 case mounting screws
4 x M3x30 fan screws

Data radiator

L x W x H	134 x 92 x 30 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	92 mm
Possible fan assembly	1 x one-sided / 2 x both-sided

Data cooler and pump

L x W x H	69 x 69 x 39 mm
Material cooler bottom	Nickel plated copper
Material cooler top	PMMA
Threads	2 x G1/4" (+ 1x Fillport G1/4")
Pump typ	DC-LT
Pump speed	2600 rpm (+/- 10%)
Head of delivery	0,85 m
Maximum flow rate	70 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

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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	25 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

Download links

Product pics	https://www.alphacool.com/download/1019134_Alphacool_Eisbaer_LT92_Pics.zip
Manual	https://www.alphacool.com/download/Eisbaer_LT.pdf

Packaging dimensions 1 unit

L x B x H	35 x 15 x 10 cm
Weight	1,4 kg

Other data

Certificates	CE, FC, RoHS
EAN	4250197117616
Customs code	84195080900

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Article text

The Eisbaer LT 92 has been launched especially for small form factor cases. The space SFF cases is extremely limited, therefore the Eisbaer LT 92 differs in several points from the normal Eisbaer LT.

Perfect for SFF cases

The cooling block and pump unit is only 40 mm high; this means it is smaller than the IO panel on the mainboard. This ensures that the Eisbaer LT 92 fits into almost every compact case on the market. The hose length is only 25 cm which means it is optimal for small cases in which the laying of long hoses can become a torture. This is one of the reasons why Alphacool does not use the usual quick release fasteners in the Eisbaer LT 92. Due to the compact dimensions of SFF cases, quick release fasteners can often be too cumbersome.

Uncompromising with the materials

As is usual with Alphacool, the radiator is made of copper and comes from the well-known NexXoS series. The antechambers, cooling fins and the water channels are made entirely of copper. The heat capacity of copper is almost twice as high as that of aluminium, which is particularly noticeable when the radiator is driven to its performance limit. When a comparable aluminium radiator fails, the copper radiator really gets going. The cold plate of the Eisbaer LT 92 is also made of nickel-plated copper. The TPV hoses and TPV connections with G1/4" thread come from the Enterprise Solution series for servers and workstations.

Pump

The DC-LT pump is already used in the normal Eisbaer, Eisbaer Aurora and the other Eisbaer LT CPU AIO water coolers. Its silent capabilities have already been confirmed in various tests of its sister models. The pump rotates at 2600 rpm and generates no significant vibrations. The DC-LT is a powerful pump that is also used for larger loops and offers a high flow rate.

The Alphacool Eisbaer LT 92 is the perfect partner for SFF housing cases and has been specially designed for them. The compact 92 mm full copper radiator offers more than enough power for powerful processors with an appropriate fan.