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Alphacool Eisbaer LT240 CPU - black

Alphacool article number: 11445

Quick Info

With the Alphacool Eisbaer LT, you get a high-performance compact water cooling system that's barely inferior to its bigger brother, the Eisbaer AIO. Just like the Eisbaer, the Eisbaer LT distinguishes itself from the usual AIO mix in that Alphacool relied on normal custom components as much as possible during development. This allows the Eisbaer LT to be expanded on not just with the Eisbaer Ready quick connectors but also with connectors using standard G1/4" threads. These can be replaced with other models at any time. Another highlight is the new 25mm thin Slim Radiator, made entirely of copper. Since copper has twice the heat capacity of aluminium, optimal cooling is guaranteed.

- Pre-filled watercooler for your CPU
- Quick connectors make it easy to expand
- Pure copper radiator for maximum cooling performance

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 1366 / LGA 1700 / LGA 1851 / LGA 2011 / LGA 2011-3 / LGA 2066 / LGA 755

Scope of delivery

- 1x Alphacool Eisbaer LT240 CPU - Black
- 2x Alphacool Eiswind Fans
- 1x Intel Backplate
- 1x Intel bracket
- 1x AMD bracket
- PWM Adapter
- Mounting material
- 1x Thermal paste

Technical Data Radiator

Dual	120 mm
L x W x H	270 x 120 x 25 mm
Material	100% Copper

Technical Data Fans

Fans	Core
Bearing	hydraulic Bearing
Voltage	12V
Power connector	4-Pin PWM
Rated speed (rpm)	0 - 2500 rpm ±10%
Fan efficiency	72.63 CFM
Air pressure	2.42 mm/H2O
Volume	36.6 (Max: 37.8) dBA

Technical Data CPU Cooler

L x W x H	69 x 69 x 39 mm
Cooler bottom dimensions	56 x 56 x 3 mm
Cooler bottom material	Nickel-plated copper
Threads	3x G1/4" (Inlet, Outlet, Fillport)

Technical Data Pump

DC-LT 2 Ceramic	12V
Rated speed (rpm)	2600
Voltage range	6-13,5V DC
Power consumption	3,2W
Flow rate	72L/h
Maximum head	1m
Power connection	3-Pin

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

Technical Data Tubings

Lenght	32 cm, including anti-kink springs
Diameter	11/8 mm
Material	PVC
2 quick connectors L x W	83 x 28 mm pre-installed

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Manual	11445_Alphacool_Eisbaer_LT240_CPU_-_black_Manual.pdf
Safety data sheet	11445_Alphacool_Eisbaer_LT240_CPU_-_black_SDS.pdf
Product pictures	11445_Alphacool_Eisbaer_LT240_CPU_-_black_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_11445.pdf

Packaging dimensions per unit

L x W x H	345 x 255 x 145 mm
Weight	2385 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197114455
Customs code	84195080900

Article text

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Just like the Eisbaer, the Eisbaer LT distinguishes itself from the usual AIO mix in that Alphacool relied on normal custom components as much as possible during development. This allows the Eisbaer LT to be expanded on not just with the Eisbaer Ready quick connectors but also with connectors using standard G1/4" threads. These can be replaced with other models at any time. Another highlight is the new 25mm thin Slim Radiator, made entirely of copper. Since copper has twice the heat capacity of aluminium, optimal cooling is guaranteed.

Cooler and pump

The cooler bottom is made entirely of copper and has an ultra-fine cross slot structure. Thanks to those cross slots and a sophisticated nozzle system, heat is absorbed extremely fast and transferred away from the CPU. The built-in DC-LT 2 Ceramic pump is an extremely quiet pump that Alphacool has used in many products. The pump is much stronger than what you'd usually find in AIOs. It can also be throttled with the optional 7V adaptor, decreasing the already low noise generation even further. The pump casing is very flat and the aluminium cap gives it a clean, elegant look.

Fittings

Alphacool relies on the standard DIY fittings you'd find in any standard water cooling system. Components are made entirely of high-quality brass and use a G1/4" thread. This means fittings can be exchanged easily, just like in a standard system. Maybe you want different tubing or want to switch over to HardTubes – your options are wide open.

Quick connectors

The Eisbaer LT's quick connectors make it compatible with all other Eisbaer Ready products, like the Eiswolf GPX-Pro cooler or the Eiswand external radiator. Both products use the same pump – perfect for quickly and easily expanding the cooling loop. Alternatively, you can use the Extension Set or Alphacool HF Quick Connectors (available separately) to integrate other components into the system.

Tubing

The compact but standard 11/8mm tubing size was Alphacool's go-to here. The tubing uses anti-kink springs in order to prevent kinks in the tubing. This makes it easy to lay tubing even in tight spaces, meaning the Eisbaer LT is easy to install even in compact cases.

Radiator

Alphacool has integrated a brand-new 25mm-thin Ultra-Slim Radiator. Unlike most AIO systems, Alphacool's radiator is not made of cheap aluminium, but rather high-quality copper. With twice the heat capacity, copper significantly increases the radiator's cooling performance. This is especially noticeable when you reach the performance limits of a radiator. While temperatures in aluminium radiators progressively rise fairly early, copper radiators can keep the temperature stable for much longer.

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.

At first glance, the Eisbaer LT looks like a typical CPU AIO solution, but a closer look elevates the Eisbaer LT far above the competition. Thanks to its copper radiator and cooling block, its cooling power is enormous, and the quick connectors and custom water cooling components make it easy to expand on. On top of that, you have product options that can connect to the Eisbaer LT without needing to be refilled at all – such as external radiators, prefilled radiators, and graphics card coolers. The portfolio is constantly expanding.