



Alphacool Eisbaer LT

What is it?

The Alphacool Eisbaer LT is an expandable and compact water cooling system for CPUs. The quickconnectors make it expandable and compatible with all other Eisbaer Ready products.

Highlights

1. Pre-filled watercooler for your CPU
2. Quick connectors make it easy to expand and upgrade with Eisbaer Ready
3. Pure copper radiator for maximum cooling performance
4. DC-LT 2 ceramic pump for whisper-quiet operation

Versions

120 mm



240 mm



360 mm



Technical Specifications

Technical Data		Eisbaer LT		
Reservoir / CPU cooler combination	Dimensions (LxWxH):	69 x 69 x 39 mm		
	Cooler bottom dimensions:	56 x 56 x 3 mm		
	Cooler bottom material:	copper		
	Reservoir material:	injection molded		
	Lid and logo material:	aluminium		
	Threads (In/Out):	2x G1/4"		
	Fillport:	1x G1/4"		
Socket compatibility:	Intel:	775 / 1156 / 1155 / 1150 / 1151 / 1366 / 2011 / 2011-3 / 2066 / 604 / 771		
	AMD:	754 / 939 / AM2 / AM2+ / AM3 / AM3+ / AM4 / FM1 / FM2 / FM2+ / 940 / C32 / G34 / optional TR4		
Pump	Rated speed:	2600 rpm		
	Voltage range:	7- 13,5V DC		
	Power consumption:	4W		
	Flow rate:	75L/h		
	Maximum head:	0,95 m		
	Power connection:	3-Pin		
Radiator		120 mm	240 mm	360 mm
	Dimensions (LxWxH):	150 x 120 x 25 mm	270 x 120 x 25 mm	390 x 120 x 25 mm
	Material:	copper		
	Pressure tested:	1,5 bar		
	Fins per inch:	16		
	Threads (In/Out):	G 1/4"		
Fans	Bearing:	sleeve bearing		
	Voltage:	12V		
	Power connection:	4-Pin PWM		
	Rated speed:	550 - 1700 rpm		
	Fan efficiency:	63,85 cfm / 108 m³/h		
	Air pressure:	1,66 mm H²O		
	Volume:	29 dB(A)		
Quick Connector	Dimensions (LxD):	83 x 28 mm		
	Tube connection size:	1 1/8 mm		
	Material:	Nylon		
Tubing	Length:	32 cm		
	Size:	1 1/8 mm		
	Material:	PVC		

Downloads

Product	Images
Alphacool Eisbaer LT120 CPU	https://www.alphacool.com/download/1013980.zip
Alphacool Eisbaer LT240 CPU	https://www.alphacool.com/download/1013981.zip
Alphacool Eisbaer LT360 CPU	https://www.alphacool.com/download/1013982.zip

Quick Connector
for easy expandability

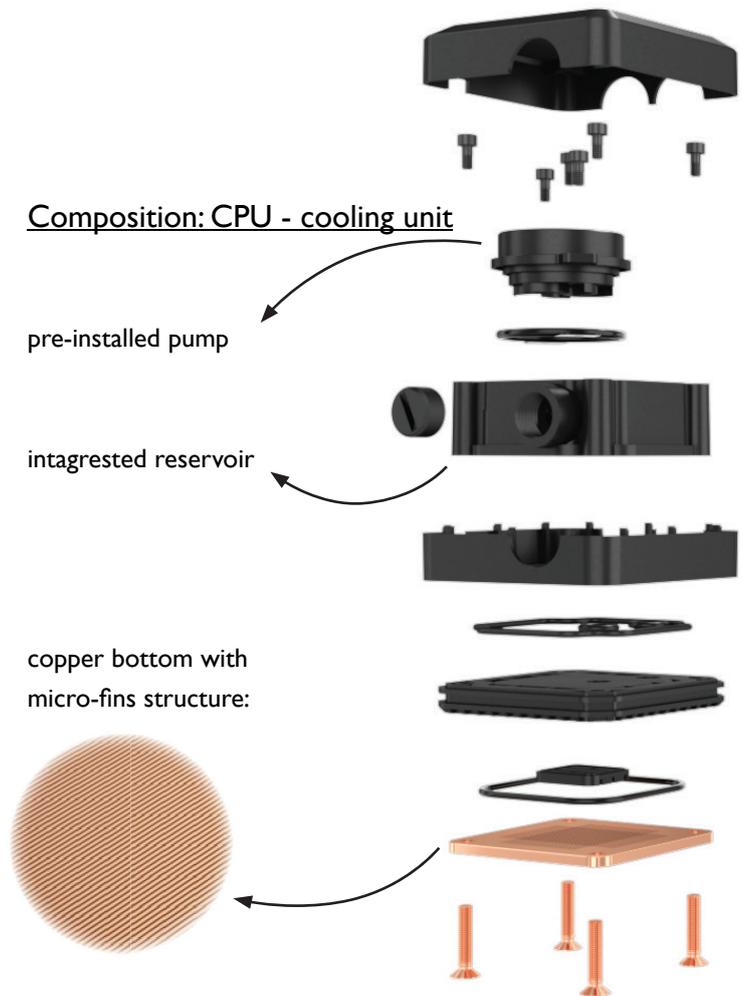


Composition: CPU - cooling unit

pre-installed pump

integrated reservoir

copper bottom with
micro-fins structure:



Other Information

Product	Article No. Alphacool	Article No. Aquatuning	EAN Code	PU	Dimension PU in mm	Weight in kg
Alphacool Eisbaer LT120 CPU	11444	1013980	4251312601164	4	345 x 255 x 145	2,218
Alphacool Eisbaer LT240 CPU	11445	1013981	4250197114455	4	345 x 255 x 145	2,385
Alphacool Eisbaer LT360 CPU	11446	1013982	4250197114462	4	435 x 255 x 145	2,895

Installation Materials / Scope of Delivery

Scope of Delivery	Eisbaer LT
Brackets	1x Intel 1x AMD
Installation screws	for all compatible sockets
Thermal paste	1x
Radiator screws	quantity varies by model M3x5 M3x30
Installation instructions	1x

up to 50 words

The Eisbaer LT is an expandable compact AIO water cooling system for CPUs. Highlights are the 25mm thin full copper radiator and the Eisbaer Ready quick connectors that make expanding the loop easy. The extremely quiet and widely-used DC-LT 2 ceramic pump ensures extremely low noise generation.

up to 125 words

With the Eisbaer LT, you get a high-quality and compact AIO water cooling system for your CPU. The Eisbaer LT uses a 25mm Slim Radiator made completely out of copper, naturally. Together with the copper bottom of the cooler and its extremely fine cross slot structure, impressively powerful cooling is guaranteed. The Eisbaer Ready quick connectors make it easy to expand on the Eisbaer LT. Alphacool offers a variety of prefilled products and products also equipped with Eisbaer Ready quick connectors, such as the Eiswolf GPX-Pro GPU cooler, the Eiswand external radiator, and many others. Alphacool makes use of the time-tested and powerful for its size DC-LT Ceramic Low Noise pump. This means the Eisbaer LT generates next to no noise. All these features make the Eisbaer LT the perfect product.

up to 250 words

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. 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. The cooler bottom is also made of copper and uses an ultra-fine cross slot structure together with a nozzle. For the pump, Alphacool relies on the tried-and-tested DC-LT 2, used in many products. Despite its small size, its performance is extraordinary and is enough to run even an expanded system. All the components in the Eisbaer LT are based on or directly carried over from the realm of DIY custom water cooling and can be exchanged freely. The connectors are based on standard G1/4" threads and made entirely of brass. For the tubing, classic 1/8" tubing with an anti-kink spring comes into play. This makes managing tight corners in smaller cases easy. The Eisbaer LT's impressive features make it more than just another CPU AIO.

up to 500 words

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The individual components:

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 pro-ducts. 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

The Eiswind fans were specially designed for use in radiators and provide very high static pressure to force cool air through the radiator's cooling fins. Both fans can be regulated via PWM over an enormous range of 550 to 1700 RPM.

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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.

Expansion

The following products are equipped with quick connectors like the Eisbaer LT and can easily be combined and locked together with one another:



Alphacool Eiswolf 120 GPX Pro

Available in several versions for different card layouts.

All in One water cooling solution for graphics cards. Equipped with a 120mm radiator, integrated DC-LT Ultra Low Noise Ceramic pump, and also comes prefilled.

Alphacool Eiswand 360 Solo

Manufacturer no: 11459

EAN: 4250197114592

External radiator with two integrated DC-LT Ultra Low Noise Ceramic pumps and a reservoir in the top. The radiator also comes with two quick connectors.



Alphacool Eiswolf GPX Pro

Available in several versions for different card layouts.

Prefilled water cooler for graphics cards with an integrated DC-LT Ultra Low Noise Ceramic pump. A quick-connector is also preinstalled.



Alphacool Eisbaer Quick-Connect Extension Kit

Manufacturer no: 12548

EAN: 4250197125482

Set of tubes (1/8"), encased in anti-kink springs, with pre-installed quick connectors and 90° connections. This lets you expand your cooling loop with another radiator, for example. Using the included squeeze bottle, which contains osmosis-filtered water, you can fill the system without any extra effort.

