



Alphacool Eisbaer

What is it?

The Alphacool Eisbaer is an expandable, refillable CPU all-in-one watercooler with a pure copper radiator. The Eisbaer can be expanded with additional Eisbaer Ready products such as the Eiswolf GPX-Pro graphics card cooler, among others.

Highlights

1. Prefilled 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 Ultra Low Noise ceramic pump for whisper-quiet operation
5. Refillable via the fill port on the reservoir

Details

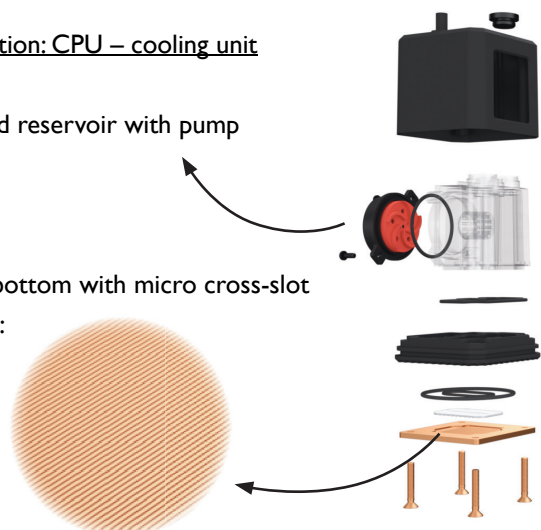
Quick Connector
for easy expansion



Composition: CPU – cooling unit

Integrated reservoir with pump

Copper bottom with micro cross-slot structure:



Technical Specifications

Technical Data		Eisbaer Solo (base for all models)
Reservoir / CPU cooler combination	Dimensions (LxWxH):	66 x 66 x 67,5 mm
	Cooler bottom dimensions:	50 x 50 x 3 mm
	Cooler bottom material:	Copper
	Reservoir material:	Nylon
	Color:	Case: black (soft-touch surface) Logo: blue (exchangeable)
	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
Pump	Rated speed:	2600 rpm
	Voltage range:	7- 13,5V DC
	Power consumption:	4W
	Flow rate:	70L/h
	Maximum head:	0,85 m
	Power connection:	3-Pin



I20 Series



Technical Data		Eisbaer I20	Eisbaer 240	Eisbaer 360
Radiator	Dimensions (LxWxH):	157 x 124 x 45 mm	278 x 124 x 30 mm	400 x 124 x 30 mm
	Material:	Copper		
	Pressure tested:	1,5 Bar		
	Fins per inch:	16		
	Threads (In/Out):	2x G1/4"		
Fans	Name:	Eiswind I2		
	Quantity:	2x (Push&Pull)	2x	3x
	Bearing:	Sleeve Bearing		
	Voltage:	12V		
	Power connection:	4-Pin PWM		
	Rated speed:	550 - 1700 rpm (+/- 10%)		
	Fan efficiency:	63,85 cfm / 108m³/h		
	Air pressure:	1,66 mm H ₂ O		
Volume:	29 dB(A)			
Quick Connector	Dimensions (LxD):	83 x 28 mm		
	Tubing connection size:	1 1/8 mm		
	Material:	Nylon		
Tubing	Length:	2x 160 mm incl. anti-kink springs		
	Size:	1 1/8 mm		
	Material:	PVC		

I40 Series



Technical Data		Eisbaer 140	Eisbaer 280	Eisbaer 420
Radiator	Abmessungen (LxBxH):	178 x 144 x 30 mm	316 x 144 x 30 mm	489 x 144 x 30 mm
	Material:	Copper		
	Pressure tested:	1,5 Bar		
	Fins per inch:	16		
	Threads (In/Out):	2x G1/4"		
Fans	Name:	Eiswind I4		
	Quantity:	2x (Push&Pull)	2x	3x
	Bearing:	Sleeve Bearing		
	Voltage:	12V		
	Power connection:	3-Pin		
	Rated speed:	1100 (+/- 10%)		
	Fan efficiency:	62,31 cfm / 106m ³ /h		
	Air pressure:	1,55 mm H ₂ O		
	Volume:	29,4 dB(A)		
Quick Connector	Dimensions (LxD):	83 x 28 mm		
	Tubing connection size:	1 1/8 mm		
	Material:	Nylon		
Tubing	Length:	2x 160 mm incl. anti-kink springs		
	Size:	1 1/8 mm		
	Material:	PVC		

Other Information

Product	Article No. Alphacool	Article No. Aquatuning	EAN Code	PU	Dimension PU in mm	Weight in kg
Alphacool Eisbaer (Solo)	12511	1012140	4250197125116	30 pcs	145 x 127 x 100	0,54
Alphacool Eisbaer 120 CPU	11284	1012136	4250197112840	4 pcs	345 x 260 x 140	2,54
Alphacool Eisbaer 240 CPU	11285	1012137	4250197112857	4 pcs	335 x 240 x 140	2,34
Alphacool Eisbaer 360 CPU	11286	1012138	4250197112864	4 pcs	435 x 260 x 140	3,02
Alphacool Eisbaer 140 CPU	11389	1013426	4250197113892	4 pcs	365 x 255 x 160	2,48
Alphacool Eisbaer 280 CPU	11287	1012139	4250197112871	4 pcs	370 x 260 x 160	2,68
Alphacool Eisbaer 420 CPU	11390	1013427	4250197113908	4 pcs	505 x 245 x 160	3,28

Installation Materials / Scope of Delivery

Scope of Delivery	Eisbaer model with radiator	Eisbaer solo
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	

Version: 08/2017

We assume no responsibility for any typos.

Product	Images
Alphacool Eisbaer (Solo)	https://www.alphacool.com/download/1012140.zip
Alphacool Eisbaer 120 CPU	https://www.alphacool.com/download/1012136.zip
Alphacool Eisbaer 240 CPU	https://www.alphacool.com/download/1012137.zip
Alphacool Eisbaer 360 CPU	https://www.alphacool.com/download/1012138.zip
Alphacool Eisbaer 140 CPU	https://www.alphacool.com/download/1013426.zip
Alphacool Eisbaer 280 CPU	https://www.alphacool.com/download/1012139.zip
Alphacool Eisbaer 420 CPU	https://www.alphacool.com/download/1013427.zip
all product images	https://www.alphacool.com/download/Pictures_Alphacool_Eisbaer.zip

Article Texts

50 words

The Alphacool Eisbaer is an expandable – through its quick connectors – and prefilled CPU water cooler. The pure copper radiator ensures maximum cooling performance while the DC-LT Ceramic Ultra Low Noise pump provides whisper-quiet operation. The Eiswind fans provide high static pressure, an important point for the total performance of the Eisbaer.

125 words

With the Alphacool Eisbaer, you get an all-around worry-free package for cooling your CPU. Unlike classic AIO solutions, Alphacool uses high-quality products from the field of water cooling as much as possible, which for the most part can be easily switched out.

The copper radiator comes from the globally renowned NexXoS series. Combined with the Eiswind fans, which are designed for high static pressure, high cooling performance is guaranteed.

The DC-LT Ceramic Ultra Low Noise Pump is virtually silent but strong enough to support a cooling loop expanded with a graphics card cooler, for example. The cooler bottom, like the radiator, is made of copper and has a fine cross slot structure to transfer heat to the water as quickly as possible. The Alphacool Eisbaer is not just an AIO solution – it's a ready-made classic water cooler with every advantage.

250 words

With the Alphacool Eisbaer, you get real water cooling, not just an all-in-one solution. Its component parts, which are all standard in the water cooling field, guarantee high cooling performance and quality. The basis is the Eisbaer Solo, a combination of reservoir, pump, and cooler. The bottom is made of pure copper, and has a fine cross slot structure on the water-bearing side to ensure ideal heat transfer to the water. Building on that is the reservoir, which is made of transparent nylon – a much stronger material than the usual acrylic glass. The upper area has a fill port that can be used to drain or refill the water. The Eisbaer uses the well-known DC-LT Ultra Low Noise pump, which can be throttled to 7V through the motherboard or an optional adapter as the need arises. The pump's ceramic shaft enables nearly soundless operation. The connectors all have G1/4" threads and along with the tubes can be switched out for other products in the Alphacool range as needed. The Alphacool HF Nylon Quick Connectors make it easy for the user to expand the cooling loop with additional components, such as the Eiswolf GPX-Pro graphics card cooler, which is also available as an AIO solution or prefilled.

The radiator is based on the globally renowned and popular NexXoS series and is made of copper for maximum cooling performance. The Eiswind fans are specially designed for use in radiators and provide very high static pressure to force the air through the radiator's cooling fins.

With the Eisbaer, Alphacool is revolutionising the AIO cooler market. Classic AIO CPU coolers are disposable products that can't be expanded or refilled. The Alphacool Eisbaer is built modularly and can be expanded, modified, or refilled at any time. That means the Eisbaer is not just an AIO, but is completely based on classic water cooling components. It's quieter and more powerful than the average AIO solution.

The individual components:

Radiator

Alphacool uses a radiator made of pure copper. The basis of the radiator is the popular Alphacool NexXos series, which is globally renowned. The pure copper design increases the cooling performance enormously compared to the usual aluminium radiators found in classic AIOs. The thin fin thickness ensures impressive cooling performance with fans that have low RPMs. The Eisbaer's performance also drops much slower when the fan power is lowered than radiators with higher fin thickness.

Tubing

Flexible PVC tubes make installing the Eisbaer easy. The tubing is easy to lay and get into the right position. Both tubes have anti-kink springs to prevent them from bending and cutting off the flow of water. Their 1 1/8mm size is also a standard in the water cooling field, and is a common size alongside the 13/10 and 16/10.

Quick Connectors

The Eisbaer was developed with expandability in mind. That's why you'll find a quick connector on one of the tubes. This quick connector is compatible with Alphacool HF Quick Connectors, making it easy to expand the cooling loop with a radiator and graphics card cooler.

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. A PWM Y-adaptor is included with the Eisbaer, so both fans can be connected to a PWM connection on your motherboard or a separate fan controller.

Connectors

All connectors are based on the classic G1/4 inch threads, which are standard in the water cooling field. That means all the components can be switched out at any time if desired. So if you decide later that you'd rather have thicker tubing or even HardTubes, you can easily customise your system.

Pump

The basis of the pump is the Alphacool DC-LT Ceramic Ultra Low Noise pump, which is also available separately. The pump runs extremely quietly and can be regulated between 7 to 12V. You can also control the pump via your motherboard. If the Eisbaer is running on its own, running the pump at 7V won't lower performance at all, as proven in many tests. The insulated pump casing reduces the noise generated and also almost entirely absorbs vibrations.

The smooth and glossy polished copper bottom of the cooler ensures optimal heat absorption and quickly and efficiently transfers heat to the water via the fine cross slot structure of the cooler.

All these features make the Eisbaer cooler something really unique. Its high-quality aesthetic with an illuminated logo and reservoir – which is also where the pump is found – gives the inside of any PC a new shine. The soft-touch surface of the pump casing is another optical highlight.

With the Eisbaer, you get an all-around perfect product that is not only extremely powerful but can also run near-silently.

The following products, like the Eisbaer, are equipped with quick connectors 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 CPU

Article number: 1013154
Manufacturer number: 11026
EAN: 4250197110266

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

Article number: 1013010
Manufacturer number: 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.

