



**ALPHACOO – THE COOLING COMPANY**



## Alphacool Mining Cube 300

### What is it?

When developing the Alphacool Mining Cube 300, the goal was to create a housing that is optimized to cool as many graphics cards as possible with water. Thanks to the 7 mounting places for 420 mm radiators an outstanding cooling performance is guaranteed. Up to 9 graphics cards can be installed with optionally available riser boards or individual riser cards in the lower area.

### Highlights

- 3 x 420 mm Radiators pre-assembled
- 2 x Alphacool Eisfach pre-assembled reservoirs
- Up to 7 x 420 mm radiators possible
- 23 x 140 mm fan mountable

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We assume no responsibility for any typing errors.

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## Scope of delivery

1 pcs Cube 300 housing  
3 pcs 420 mm NexXoS ST30 copper radiator  
2 pcs Eifach reservoir with integrated DDC pump top  
1 pcs times 140 mm fan

Technical Case	
W x D x H	57,3 x 53,2 x 52,7 mm
Net weight	13,9 kg
Material case	metal sheet
Mounting options fans	23 x 140 mm
Mounting options radiators	7 x 420 mm
Threads	2 x G1/4" (Fill Ports)
Certificates	CE, FC, ROHS

<b>Technical data radiators</b>	
W x D x H	458,5 x 144 x 30 mm
Max working temperature	60 °C
cooling fins	copper
Material cooling channels	copper
Material prechambers	copper
Material outer housing	steel
Fins per Inch	15
Threads	2 x G1/4"
Thread size Fan mounting	M3
Fan size	140 mm
Fan slots	3 one sided / 6 both sided
Fan threads	M3
Pressure tested	1,5 Bar
Certificates	CE, FC, RoHS

<b>Technical data fans</b>	
W x D x H	140 x 140 x 25 mm
Max. RPM	1300 rpm
Bearing	Sleeve bearing
Connection	4-Pin WPM
Voltage range	5-12V
Power input	4,8 W

<b>Product pics download</b>	<a href="https://www.alphacool.com/download/1015856_Alphacool_Mining_Cube_300.zip">https://www.alphacool.com/download/1015856_Alphacool_Mining_Cube_300.zip</a>
<b>Manual PDF</b>	None

<b>Other data</b>	
Article number Alphacool	18618
EAN Code	425019786186
PU Box	1
Dimensions PU B x T x H	61 x 58,5 x 57 cm,
Weight	13,9 kg
Customs code	84195080900

## Article text

The Alphacool Mining Cube offers a wide range of options for setting up a powerful water cooled system. Whether as a workstation, render master or mining system, the Alphacool Mining Cube is very versatile thanks to the extensive mounting options.

### What fits into the Cube?

In addition to a mini or micro ATX motherboard, up to three ATX power supplies can be installed. The mainboard is mounted on the upper level, while a drawer for mounting graphics cards can be found in the lower area. On the bottom of the drawer there are extensive mounting holes for riser boards with PCIe slots. Alternatively, up to 9 individual riser cards can be screwed together. A retaining bracket fixes the graphic cards in the appropriate position so that nothing can slip during transport. For transport, grab handles are attached to the top of the case.

### Water Cooling?

Altogether there is the possibility to install up to seven 420 mm radiators. Alternatively, a total of up to 23 fans with a size of 140 mm can be mounted. Two fans sit on the front of the drawer and blow directly onto the graphic cards. Inside, there are special mounting brackets for the Alphacool Eisfach. To facilitate the filling of the water cooling, there is a filling nozzle on the top of the case. So that the air can escape more easily during filling, a vent was inserted directly next to it. Both can be easily connected to the radiators mounted in the lid.

### Parts of the Water Cooling System Are Pre-Assembled!

The Mining Cube 300 has already pre-assembled individual components. Among them are three 420 mm radiators with 9 pre-assembled 140 mm fans. Two more fans are mounted in the lower part at the rear. The 140 mm fans can all be controlled by PWM with a maximum speed of 1300 rpm. There are also two Eisfach reservoirs pre-mounted, each of which is prepared for the installation of a DDC pump. This gives you a good basis for equipping the system with an extensive water-cooling system.

The Alphacool Mining Cube 300 is a unique product, which has not been available on the market in this form before. The many mounting options for extremely powerful water cooling coupled with space for up to 9 graphics cards is unique.