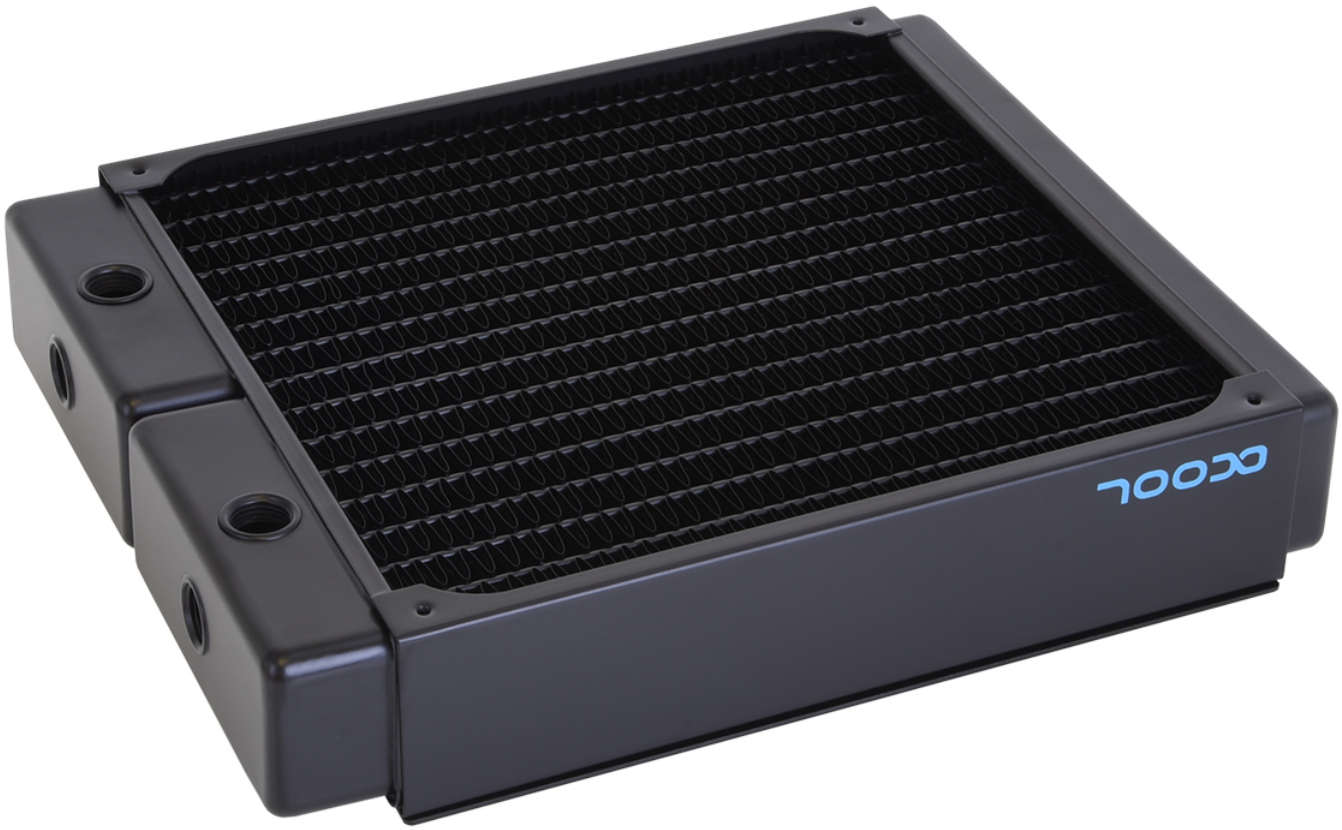
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Alphacool NexXxoS XT45 Full Copper 200mm radiator

Alphacool article number: 14348



Quick Info

Bigger is better... right!? Make No Compromises, Use Copper. As usual, Alphacool also uses pure copper for the NexXxoS 200 mm XT45 Radiator. The end chambers, water channels and cooling fins are all made of copper and are a unique selling point worldwide. As a result, Alphacool radiators have been among the most popular and best on the market for many years, providing the perfect foundation for every water cooling system.

- solid copper radiator
- large cooling surface

Scope of delivery

4 x M3x30
5 x screw plug
1 x allan key

Technical data

Cooling channels	Copper
Color	black
Fan thread	M3
Slats	Copper
Thickness	39 - 49mm
Number of fans	2
Housing	Steel
Pressure tested	0,8 bar
Manufacturer	Alphacool
Fins per inch	12
Connection	5x G1/4"
Fan size	200mm
Quantity of cooling channels	16

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Product pictures	14348_Alphacool_NexXxoS_XT45_Full_Copper_200mm_radiator_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_14348.pdf

Packaging dimensions per unit

L x W x H	280 x 210 x 60 mm
Weight	1310 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197143486
Customs code	0

Article text

Bigger is better... right!?

Make No Compromises, Use Copper.

As usual, Alphacool also uses pure copper for the NexXxoS 200 mm XT45 Radiator. The end chambers, water channels and cooling fins are all made of copper and are a unique selling point worldwide. As a result, Alphacool radiators have been among the most popular and best on the market for many years, providing the perfect foundation for every water cooling system.

Full cooling performance

To maximize the performance of a radiator, Alphacool reaches deep into its bag of tricks. Copper is the starting point. With a thermal conductivity of 400 W/(mK) for copper compared to 236 W/(mK) for aluminium, the winner is clear. Alongside this is the special fin density. Alphacool is one of the oldest companies in the field of water cooling and has carried out countless laboratory tests. The result, especially for such large radiators, is a fin spacing of 12 FPI. This means that the air flow is almost unobstructed as the air can pass through even without high pressure. However, the cooling capacity does not suffer from this, on the contrary. To use the airflow optimally, all cooling fins have small serrations. These are tiny flaps that guide the airflow in the desired direction and increase the surface area. In the case of radiators, they are barely 1 mm high, but still provide controlled air turbulence to increase cooling capacity and minimise airflow noise.

Which fans?

The 200 mm XT45 radiator offers space for a 200 mm fan with 154 or 165 mm mounting holes on the mounting frame. The fans are screwed onto a mounting frame which can also be removed for purely passive operation in order not to obstruct the natural airflow.

Connection options

The Alphacool NexXxoS 200 mm XT45 radiator offers four G1/4" threads for IN and OUT. A further G1/4" thread on the back of the radiator serves as a fill port. Alternatively, a temperature sensor or a drain port can also be attached here.

Small was yesterday. With a cooling surface of 20 x 20 cm the 200 mm XT Radiator offers more than enough cooling power to cool every CPU and every graphics card.