

The XT45 Quad radiator has space for four 120/140 mm fans single sided or eight fans double sided. If you want to operate the radiator passively, you can remove the mounting plate in order not to obstruct the natural airflow. Of course, the mounting plates for both types of fans can also be interchanged. This gives you more freedom when mounting the fans.

Alphacool Radiator



- solid copper radiator
- large cooling surface
- detachable mounting frame

Scope of delivery

5 x stop plug
16 x M3x30 screws
1 x allen key
1 x fan mounting bracket for 120mm fan 284 x 276 mm (preassembled)
1 x fan mounting bracket for 140mm fan 284 x 276 mm (preassembled)

Data

L x W x H	322 x 280 x 49 mm
Net weight	2370 g
Material cooling fins	copper
Material cooling channels	copper
Material prechamber	copper
Material outer housing	steel
Fins per Inch	12
Threads	7 x G1/4"
Thread size fan mounting	M3
Fan size	120 or 140 mm
Fan slots	4 single sided / 8 double sided
Pressure tested	1,5 Bar
Certificates	CE, FC, RoHS

Download Links

Product pics	https://www.alphacool.com/download/1020320_NexXxos_Quad_480-560_pics.zip
--------------	---

Packaging dimensions 1 unit

L x W x H	39 x 29 x 5,6 cm
Total weight	2720 g

Other data

Certification	CE, FC, RoHS
EAN	4250197143967
Customs number	84195080900

We assume no responsibility for any typing errors.

Alphacool International GmbH, Marienberger Strasse 1, 38122 Braunschweig Tel: (+49)0531 288 740 Supportmail: info@alphacool.com

Would you like a little more?

Alphacool NexXoS XT45 Quad 480 mm / 560 mm! 280 x 280 x 45 mm of pure cooling surface for four 120/140mm single sided or eight fans double sided.

Make No Compromises, Use Copper.

As usual, Alphacool also uses pure copper for the NexXoS XT45 Quad 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 Capacity

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 XT45 Quad radiator has space for four 120/140 mm fans single sided or eight fans double sided. If you want to operate the radiator passively, you can remove the mounting plate in order not to obstruct the natural airflow. Of course, the mounting plates for both types of fans can also be interchanged. This gives you more freedom when mounting the fans.

Connection options

The Alphacool NexXoS XT45 Quad Radiator offers six 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.