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Alphacool NexXxoS UT60 Full Copper 1080mm Nova Radiator

Alphacool article number: 14391

Quick Info

Would you like a little more? Alphacool NexXxoS UT60 1080mm Nova!
350 x 350 x 60 mm of pure cooling surface for nine 120mm fans.

- Low overall height & variable use
- Suitable for industrial high performance fans
- Additional cooling channels for more cooling capacity

Scope of delivery

1 x sealing plug
36 x M3x30 screws
1 x Allen wrench
1x fan mounting plate 360 x 360 mm (pre-assembled)

Technical data

Dimensions (L x W x H)	378 x 360 x 65mm
Quantity of cooling channels	84
Thickness	49 - 69mm
Cooling channels	Copper
Color	black
Fan thread	M3
Slats	Copper
Number of fans	9
Fan size	120mm
Housing	Steel
Pressure tested	0,8 bar
Manufacturer	Alphacool
Fins per inch	12
Connection	3x G1/4"

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Product pictures	14391_Alphacool_NexXxoS_UT60_Full_Copper_1080mm_Nova_Radiator_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_14391.pdf

Packaging dimensions per unit

L x W x H	425 x 373 x 70 mm
Weight	3723 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197143912
Customs code	84195080900

Article text

Would you like a little more?

Alphacool NexXxoS UT60 1080mm Nova! 350 x 350 x 60 mm of pure cooling surface for nine 120mm fans.

Make No Compromises, Use Copper.

As usual, Alphacool also uses pure copper for the NexXxoS 1080 SuperNova 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 1080 Nova radiator has space for nine 120 mm fans on the mounting frame. 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 NexXxoS Nova Radiator offers two 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.