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Alphacool NexXxos ST30 Industry HPC Series 240mm radiator

Alphacool article number: 14248

Quick Info

The new generation of Alphacool NexXxoS radiators, a name that is known for experience and quality, is here to breathe new life into the radiator market! Everyone who uses watercooling needs a radiator, and everyone has different requirements for the heat exchanger. Naturally, consumers want the product that's best in class. The Alphacool NexXxoS radiators are here to challenge the best in their class, and be crowned the best radiators in every area and size. No more back and forth - with Alphacool NexXxoS radiators, you know what you're getting!

- High water flow rate and efficient heat transfer
- Optimal fin structure
- 100% of the internal structure is made of copper

Scope of delivery

1x Alphacool NexXxos ST30 Industry HPC Series 240mm Radiator, black
8x M3x35 fan screws
8x M3x30 fan screws
1x Allen key

Technical data

L x W x H	278 x 124 x 30mm (+/- 3%)
Quantity of cooling channels	12
Material cooling fins, pre-chambers & channels	copper
Material threads	brass
Material outer housing	stainless steel
Threads	2x G1/4" IN/OUT (max. 5mm thread length)
Possible fan size	120mm
Fin density	15 FPI
Possible fan assembly	2x one-sided / 4x both-sided
Thread size fan mounting	M3
Pressure tested	0,8 bar
Maximum working temperature	60°C
Color	black

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Product pictures	14248_Alphacool_NexXxos_ST30_Industry_HPC_Series_240mm_radiator_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_14248.pdf

Packaging dimensions per unit

L x W x H	345 x 138 x 45 mm
Weight	807 g

Other data

Certificates	CE, FC, ROHS
EAN	4250197142489
Customs code	84195080900

Article text

The new generation of Alphacool NexXxoS radiators, a name that is known for experience and quality, is here to breathe new life into the radiator market! Everyone who uses watercooling needs a radiator, and everyone has different requirements for the heat exchanger. Naturally, consumers want the product that's best in class. The Alphacool NexXxoS radiators are here to challenge the best in their class, and be crowned the best radiators in every area and size. No more back and forth - with Alphacool NexXxoS radiators, you know what you're getting!

Alphacool has been a trendsetter on the scene for developing and improving radiators for years. That's why these models are among the first radiators to really earn the descriptor "full copper"! All the main elements, not just the fins and channels, but also the channel heads are made of copper. Material-wise, this is a big advantage, and one where other radiators fall by the wayside. The interior is structurally at the same level as radiators from other manufacturers, and split channel heads clearly show the path of the cooling fluid. A high flow rate raises the cooling power of the whole system. A flat end chamber also allows for more free space in the installation, since it shortens the total length.

Freedom in the installation is one of the central points on which Alphacool's development department focused. The inlet and outlet on the channel head have 3 options each for attaching a connection (not on the NexXxos ST30). Fewer angles are needed, which increases the flow rate and offers more options in the installation. That means this radiator can even be installed in cases where an internal installation would otherwise not be possible.

A 1/4 inch ventilation screw allows for easy ventilation of the radiator (on all NexXxos UT60 and NexXxos Monsta radiators) and problem-free vertical installation for the heat exchanger. The threads can even be used for filling, for example in combination with a fill port.

Variety is the motto of the new NexXxos series! The radiators come in different versions for 120mm, 140mm or 180mm fans, for example. Different strengths, 30mm, 45mm and 60mm underscore the wide spectrum that these radiators cover. The installation of the radiators, as well as the fans and radiator faceplates, is easy to do with this series: the M3 threads are standard in the radiator sector, affordable and available in all lengths.

Even the dreaded mishap of turning the screws in too deeply won't lead to costly damage with this radiator: an inner protective edge stops the screw before it can come into contact with the fins.

The fin spacing was chosen so that the radiator could reach its optimal cooling performance even with slow or medium-speed fans. This is not only comfortable in terms of background noise, but also puts no constraints on the choice of fans.

All in all, it's where experience and powerful performance meet with a forward-looking approach and sophisticated solutions.

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