



ALPHACOOOL – THE COOLING COMPANY



Alphacool NexXxos GPX AMD RX 590 M02

What is it?

The classic Alphacool NexXxos GPX cooler combines high quality with excellent cooling performance. Every NexXxos GPX cooler comes with a backplate that not only serves the optics but also actively increases the cooling performance.

Highlights

- Nickel-plated copper cooler bottom
- Hybrid cooling
- Including backplate
- High quality

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We assume no responsibility for any typing errors.

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Scope of delivery	
8 pcs. 15 x 15 x 1,5 mm thermal pad	1 pcs. M3 washer
2 pcs. 30 x 30 x 1,5 mm thermal pad	1 pcs. M3x8
9 pcs. 15 x 15 x 3 mm thermal pad	1 pcs. Conductive paste
2 pcs. 30 x 30 x 3 mm thermal pad	1 pcs. Allen key 2 mm
7 pcs. M3x12	1 pcs. Allen key 2,5 mm

Technical data cooler	
W x T x H	286 x 121 x 37 mm
Net weight	1437 g
Max working temperature	60 °C
Material cooler	Nickel-plated copper
Material cooler housing	Acetal
Material passive heat sink	Aluminium
Thickness of fins	0,6 mm
Threads	2x G1/4"
Pressure tested	1,5 Bar
Certificates	CE, FCC, RoHS

product pictures	https://www.alphacool.com/download/1017111_GPX-A_590_M02.zip
manual PDF	https://www.alphacool.com/download/GPX-A-590-M02.pdf

Other data	
Article number Alphacool	11737
EAN Code	4250197117371
PU Box	1
Dimensions PU W x T x H	34,1 x 13,3 x 5,5 cm
Weight	1437 g
Customs code	84195080900

Article text

The classic Alphacool NexXoS GPX cooler combines high quality with excellent cooling performance. Every NexXoS GPX cooler comes with a backplate that not only serves the optics but also actively increases the cooling performance.

Powerful GPU Cooling!

The well-known GPX-Solo GPU cooler is the foundation of the NexXoS GPX cooler. It is equipped with the latest nozzle technology in combination with a nickel-plated copper cooling plate that has cooling fins that are arranged in a cross-slot structure. This design allows fast heat transfer from the GPU via the cooling plate to the water.

The Voltage Transformers Are Passively Cooled?

At first glance, the large aluminium cooler with its fins up to 18 mm high is a passive heat sink. But that's not quite true. In fact, the Alphacool NexXoS GPX cooler is a state-of-the-art hybrid cooler that also uses the air flow in the case for cooling. As well as this, the GPX-Solo cooler not only rests on the GPU, but also on the aluminium cooler. The direct contact allows the heat from the aluminium body to be cooled with water. This means that the voltage converters and graphics memory are not only passively cooled. Rather, the water flow in the GPX Solo is used to actively support the aluminium cooler in cooling the remaining components. Thus, the voltage converters and the graphics memory achieve significantly better temperatures than any air cooler. To put the cherry on the cake, fluid never touches the aluminium, so there is never any problems!

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Is the Backplate Included?

Yes, the backplate is always included with the Alphacool NexXxoS GPX coolers. The backplate is not only used to stabilize the PCB but it is also in direct contact with the backplate via thermal pads. The fine cooling fins on the back of the backplate support the cooling of the graphics card.

Is SLI Operation Possible?

Alphacool offers a whole range of GPX SLI adapters for the NexXxoS GPX coolers. There are different sizes for different distances of the graphics cards. SLI connectors for three or four graphics cards are also available.