![alphacool logo]

Alphacool ES 4U - 19" - ServerRack - Watercooling ready

Alphacool article number: 50167

Quick Info

The Alphacool ES 4U ServerRack has been specifically optimised to accommodate water cooling sets that can dissipate up to 2400W of waste heat in this enclosure. For this purpose, the enclosure not only offers a mounting frame for a maximum of one 3x120mm full copper radiator of the Alphacool NexXxoS series. The optionally available Alphacool ES 120 mm fans with PWM control ensure optimum cooling performance.

- Optimized for water cooling
- Space for up to eight PCIe cards
- For mainboards in ATX format

Scope of delivery

1x 4U - 19" - SlrverRack

Mounting screws

1 x set of slide rails for rack mounting

2 x 3.5" bracket for 5.25" bay

1 x 3 x 120mm fan and radiator bracket

2 x mounting rails (for control units and distro plates)

1 x pump mounting rails

Technical data

Dimensions (L x W x H)	736,85 x 478,50 x 177,8mm
Weigth (only case without common rails)	17,22 kg
Form factor	4U
Material	Galvanised sheet steel
Material thickness	1,2 mm
Hose passage	4 x 20 mm
Mainboard form factor	SSI-EEB: Mini-ITX, Micro-ATX, ATX, E-ATX, EE-ATX
Fan/radiator bracket	3 x 120 mm
Color Case	Grey
Color Front	Black

Download links

Manual	50167_Alphacool_ES_4U_-_19_-_ServerRack_-_Watercooling_ready_Manual.pdf
Product pictures	50167_Alphacool_ES_4U_-_19_-_ServerRack_-_Watercooling_ready_pics.zip

Packaging dimensions per unit

L x W x H	860 x 565 x 260 mm
Weight	17220 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197135672
Customs code	84733080000
Guarantee	2 years

Article text

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Drives
The 4U server rack offers mounting options for six 5.25" drives on the left and right side of the front. Six mounting positions for 2.5" drives are located in the upper area in the front. In the middle, three 3.5" drives can be mounted or an expansion tank including pump.

Mainboard
For mounting an SSI-EBB mainboard, all the usual screw connection options in the classic ATX format are available. This includes all mounting holes for Mini-ITX to EE-ATX. The case offers space for up to eight PCIe cards.

Water cooling for 2400W waste heat
With an appropriate water cooling system, up to 2400W of waste heat can be dissipated in this case. Alphacool offers special water cooling sets for this purpose, which can be individually configured and are delivered to the customer pre-filled. The mounting frame for the radiator and fans can be moved within the enclosure to suit any set-up.

Please note: The case comes without I/O panel. Alphacool offers a separate set of I/O panel and cable harness under item number 25054.

Note: The maximum height of the CPU cooler is 140mm