![alphacool logo]

Alphacool ES 1U - 19" - ServerRack - Watercooling ready

Alphacool article number: 25051

Quick Info

The Alphacool ES 1U ServerRack has been specifically optimised to accommodate water cooling sets that can dissipate up to 490W of waste heat in this enclosure. For this purpose, the enclosure not only offers a mounting frame for a maximum of one 7x40mm full copper radiator of the Alphacool NexXxoS series. The optionally available Alphacool ES 40 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 1U - 19" - aIverRack

Mounting screws

1 x slot bracket

1 x set of slide rails for rack mounting

1 x 2.5" 8-bay SSD/HDD bracket

2 x 3-bay bracket for 3.5" drives in 5.25" bay

1 x 3-bay 80mm fan and radiator bracket

Technical data

Dimensions (L x W x H)	730,75 x 478,50 x 44,45mm
Weigth (only case without common rails)	7,62 kg
Form factor	1U
Material	Galvanised sheet steel
Material thickness	1,2 mm
Mainboard form factor	SSI-EEB: Mini-ITX, Micro-ATX, ATX, E-ATX, EE-ATX
Fan/radiator bracket	7 x 40 mm
Color Case	Grey
Color Front	Black

Download links

Manual	25051_Alphacool_ES_1U_-_19_-_ServerRack_-_Watercooling_ready_Manual.pdf
Product pictures	25051_Alphacool_ES_1U_-_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	4250197135634
Customs code	84733080000

Article text

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Drives
The 1U server rack offers mounting options for two 5.25" drives on the left and right side of the front. Each 5.25" bay offers the alternative of mounting two 3.5" drives. A holding frame for mounting up to four 2.5" drives is pre-mounted in the centre front. This holding frame can be mounted at five other positions in the enclosure.

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. A graphics card in PCIe or 0.8" low-profile format can also be installed via a riser cable. A corresponding panel for 0.8" cards is pre-mounted in the case.

Water cooling for 490W waste heat
With an appropriate water cooling system, up to 490W 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 set under item number 1021066.