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Alphacool ES 2U 19" Watercooling ServerRack REV1

Alphacool article number: 14677



Quick Info

The Alphacool ES 2U ServerRack was specially developed to accommodate high-performance water cooling solutions. In combination with suitable cooling, this compact 2U case can efficiently dissipate a tremendous amount of heat.

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

Scope of delivery

1x 2U - 19" - ServerRack	7x Slotbracket Short
Mounting screws	1x PSU-Bracket-S
1 x slot bracket	1x PSU-Bracket-T
1 x set of slide rails for rack mounting	1x PSU-Bracket-U
1 x 2.5" 8-bay SSD/HDD bracket	1x PSU-Bracket-V
2 x 3-bay bracket for 3.5" drives in 5.25" bay	1x PSU-Bracket-W
1 x 3-bay 80mm fan and radiator bracket	1x PSU-Bracket-X
1x Radiator Bracket	2x Server Rack Rail 2
1x Triple Fan Mount	2x Server Rack Rail
1x Fan Mount	2x M6 Cage Nut
1x Distro Plate Bracket	8x M5x10mm Screw
2x Guardian Bracket	2x M6x16 Screw
1x Slotbracket Long Rear	2x Washer
3x Slotbracket Long	5x Cable tie
1x Slotbracket Short Rear	16x 6 - 32 UNC Screw

Technical data

Dimensions (L x W x H)	730,95 x 477,40 x 88,90mm
Weigth (only case without rails)	13,18 kg
Form factor	2U
Material	Galvanised sheet steel
Material thickness	1,2 mm
Mainboard form factor	Full motherboard support
Fan/radiator bracket	4x 80 mm
Drive support	4x 5.25"
Expansion slots	7x 0.8"-Low-Profil cards or 3x 1-Slot-Design cards
Power supply support	Refer to the instructions for dimensions
Color case	Grey
Color front	Black

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Manual	14677_Alphacool_ES_2U_19_Watercooling_ServerRack_REV1_Manual.pdf
Product pictures	14677_Alphacool_ES_2U_19_Watercooling_ServerRack_REV1_pics.zip
EU-DoC / CE / RoHS	Alphacool_EuDoc_CE_RoHS_14677.pdf

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	4250197146777
Customs code	84733080000

Article text

The Alphacool ES 2U ServerRack was specially developed to accommodate high-performance water cooling solutions. In combination with suitable cooling, this compact 2U case can efficiently dissipate a tremendous amount of heat. To achieve this, it features a mounting bracket that supports up to a 4x80 mm full-copper radiator from the Alphacool NexXxoS series. Matching Alphacool ES 80 mm fans with PWM control are also available as an option, ensuring optimal cooling performance.

Designed for versatile use, the chassis offers mounting options for a total of four 5.25" drives at the front, with two on each side. Additionally, a status front panel with USB connection option (item no. 25054) can be installed here.

For motherboards, the Alphacool ES 2U ServerRack provides all the standard mounting points in the classic ATX layout, supporting form factors from Mini-ITX up to EE-ATX. When it comes to expansion cards, the case offers space for up to seven 0.8" low-profile cards or alternatively up to three cards in a 1-slot design. Two different slot brackets as well as five additional brackets for various power supply types are included.

A special highlight is the newly developed rail system, which makes installation and maintenance of the system—whether in a server enclosure or open frame environment—significantly easier. Additionally, the bracket for the radiator and fans can be flexibly adjusted inside the case to suit individual builds.

Alphacool also offers specially designed, pre-assembled water cooling kits for this server rack that can be configured to customer requirements.

Note: The case is supplied without an I/O panel. A matching set including the I/O panel and cable kit is available separately under item number 25054.