


Server case with lamellar heat sink

 100% Made in Germany



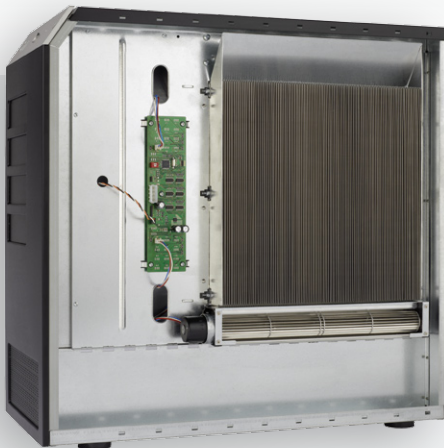
The innovative and patented cooling concept of the CoolServer 3100 implements high-performance cooling while at the same time protecting the installed components against dust and dampness – and that without resorting to liquid cooling.

Through the integration of 2 centrifugal fans, as part of a completely new approach to heat dissipation, the folded heat sink achieves a continuous heat transfer of 320 W. This level of thermal efficiency is made possible by a high-quality aluminium alloy.

The closed air circuit is furthermore a guarantee for outstanding EMC shielding. Thanks to its quiet operation, the system is especially suitable for use in high-performance of industry and server context.

- High air throughput prevents critical hot spots at the motherboard or other components
 - Service-friendly design with simple side panel access and hinged cooling system
 - 2 × USB, 1 × HD audio in/out and 1 × eSATA in the front panel as standard
 - Intrusion Switch
 - Anti-theft solution with tabs and Kensington lock support
 - High-quality 85+ 500 W power supply unit with adapted cable management (nylon sheathed)
 - Compliance with the IT equipment safety standard DIN EN 60950
 - Compliance with the EMC Directive 2004/108/EC
 - 0.8 mm sheet steel ensures maximum rigidity
 - 4 separate feet for effective noise damping
 - Quality “Made in Germany”
- Colour:**
- Coated sheet RAL 9005
 - Front panel: Coated sheet RAL 9005
 - Console panel: Aluminium coated
- Extended configuration:**
- Graphics card fan mount with 3 fans and connecting adapter
 - 2 additional drive cages for 2 × 3.5" HDD each, of which 1 drive cage with adapter for an internal 5.25" bay
 - Two 80 × 80 mm front fans with filter mat
- Scope of supply includes:**
- Accessory pack with 12 rails, mainboard fixing, screws
- Packaging:**
- Individual packaging
- Order number:**
- 3012437

Server Case with folded heat sink



View of heat sink



Original scope of supply

- 2 centrifugal fans (140 m³/h each)
- Heat dissipation 350 W
- Dimensions: W 300 × H 300 × D 95 mm
- Noise level 48 dB(A) under full load
- Central temperature control for fans with optimised speed regulation
- Integrated fan monitoring and visual display

The CoolServer case stands out by way of its modern design, paired with exceptional functionality and quality. Simple side panel access and the tidy cable management ensure the fastest possible assembly. The CoolServer 3100 is already configured with accessories to facilitate full configuration and with a corresponding ventilation concept (improved graphics card cooling for Crossfire or SLI applications and improved HDD cooling for systems with several hard disks).



Example for assembly based on the CoolPC2100

Technical specifications	
Mainboard types supported	All forms of MicroATX up to ExtendedATX (also SSI EEB), max. 7 Slots
Accessible drive bay 5,25"	4
Accessible drive bay 3,5"	6
Switches and displays	Power Switch with 2 LEDs: Power, HDD, LED fan monitoring
Dimensions	W 280 × H 577 × D 582 mm
Weight	25 kg
Power supply unit	Incl. Power supply unit Factor PS2: 85+ / 500 W