

Rittal – The System.

Faster – better – everywhere.



DK 5509.161

TS IT Network/Server Enclosure

State: 2026-06-13 (Source: rittal.com/ca-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



DK 5509.161 - TS IT Network/Server Enclosure with vented door, pre-configured, with 19" mounting frame

TS IT, vented, for room climate control. Supplied pre-assembled with a selection of practical equipment. 482.6 mm (19") interior installation with 482.6 mm (19") mounting frame for a load capacity of up to 1,500 kg, available in a range of size variants.

Features

Model No.	DK 5509.161
Material	Carbon steel Aluminum Base/plinth corner piece: Carbon steel Base/plinth trim panels, front/rear: Carbon steel Corner and baying covers: Plastic
Surface finish	Enclosure frame: Dipcoat-primed Interior installation: Dipcoat-primed Doors, roof and side panels: Dipcoat-primed, powder coated
General color	RAL 7035
Color	Housing frame and panels: RAL 7035 Interior installation, vent grille at the front, base/plinth: RAL 9005

Features

Supply includes	<p>Enclosure frame TS 8 with doors and roof plate</p> <p>Aluminum carbon steel door at the front, vented (vented surface area approx. 85% perforated), 180° hinges</p> <p>Carbon steel door at the rear, vertically divided, vented (free area in perforated carbon steel part approx. 85 %), 180° hinges</p> <p>Lock front and rear: Comfort handle for semi-cylinders and security lock 3524 E</p> <p>Two 482.6 mm (19") mounting frames, front and rear, depth-variable</p> <p>Side panels, one-piece, lockable</p> <p>Roof plate, multi-piece, removable, with side cable entry in the depth and covered cut-out for fan mounting plate</p> <p>Base Mount</p> <p>Base plate, one-piece, vented, with cable entry, rear</p> <p>Base/plinth system VX, 100 mm, vented</p> <p>Base/plinth corner pieces and trim panels, side, screw-fastened</p> <p>Base/plinth trim panels for front and rear as well as baying cover included</p> <p>4 M12 leveling feet incl. base/plinth adapter (supplied loose)</p> <p>Spacers, height 50 mm, for raising the cover plate above the fan breakout in the roof panel, for passive ventilation (enclosed) Not required for variants without cutout.</p> <p>12 x 19" fasteners 1 U, contacting (supplied)</p> <p>50 multi-tooth screws, conductive (supplied loose)</p> <p>4 cable clamp rails (T-head) for outer mounting level, to fit enclosure depth (supplied loose)</p> <p>10 cable shunting rings, metal, 125 x 65 mm (supplied loose)</p> <p>Connection accessories for potential equalization with a central grounding point, pre-assembled</p> <p>IPPC pallet</p>
-----------------	---

Dimensions	<p>Width: 800 mm</p> <p>Height: 2,000 mm</p> <p>Depth: 1,000 mm</p>
------------	---

Height units	42 U
--------------	------

Height units	42 U
--------------	------

Height incl. base/plinth	2,100 mm
--------------------------	----------

Mounting space to 19" level, front/ rear	87 mm / 165 mm
---	----------------

Features

Distance between levels as delivered	745 mm
Design doors	Vented
Design of 19" mounting level(s)	Mounting frame, 482.6 mm (19")
Load capacity	15,000 N
Note	The door-opening angle may vary depending on site requirements or applications
Base material	Aluminum
Packaging unit	1 pc(s).
Net weight	155.5 kg
Gross weight	161.5 kg
Customs tariff number	94032080
ETIM 9	EC002499
ECLASS 8.0	27180207
Product description	TS IT, 19" mounting frame, vented, WHD: 800 x 2000 x 1000 mm, 42 U, pre-configured

Approvals

Approvals	UL + C-UL (listed)
Certificates	Surface finish
Explanations	Declaration of conformity