Rittal – The System.

Faster – better – everywhere.



# VX 5303.114

# Network/server rack VX IT

State: 07/11/2026 (Source: www.rittal.com/com-en)

# VX 5303.114 - Network/server rack VX IT with vented doors, with 482.6 mm (19") mounting angles, standard

VX IT network/server enclosure, vented, for room climate control. 482.6 mm (19") interior installation with depth-variable 482.6 mm (19") mounting angles in the standard version, available in a range of size variants.





## Features

| | |
|---|---|
| Model No. | VX 5303.114 |
| Design | Vented<br>Standard<br>with 482.6 mm (19") mounting angles |
| Material | Sheet steel<br>Aluminium<br>Front door: Aluminium, 1.25 mm<br>Rear door: Sheet steel, 1.5 mm |
| Surface finish | Enclosure frame: Dipcoat-primed<br>Interior installation: Spray-finished<br>Rear door and roof: Dipcoat-primed, powder-coated<br>Front door: Aluminium, anodised/spray-finished |
| Colour | Front door: Vertical sections, silver coloured and horizontal sections, RAL 9005<br>Interior installation, vent grille at the front: RAL 9005<br>Handle and hinges: RAL 9005<br>Enclosure frame, rear door and roof: RAL 7035 |

# Features

| | |
|---|---|
| Supply includes | VX enclosure frame with doors and roof plate<br>Aluminium/sheet steel door at the front, vented (vented surface area approx. 85% perforated), 180° hinges<br>Sheet steel rear door, vented (vented surface area approx. 85% perforated)<br>Lock front and rear: Comfort handle for profile half-cylinders and security lock 3524 E<br>Mounting angles, 482.6 mm (19")<br>Spacers, height 50 mm, to raise a cover plate above the fan cut-out in the roof plate, for passive cooling (supplied loose). Not required for variants without a cut-out.<br>12 x 482.6 mm (19") fastener, 1 U, conductive (supplied loose)<br>25 multi-tooth screws, conductive (supplied loose)<br>IPPC pallet<br>Roof plate, multi-piece, with side cable entry in the depth, double-sided, prepared for fan mounting plate<br>Sheet steel door, vented, one-piece, 130° hinges |
| Dimensions | Width: 800 mm<br>Height: 1,200 mm<br>Depth: 800 mm |
| Units | 24 U |
| Free mounting space to the 482.6 mm (19") level, front/rear | 150 mm / 520 mm |
| Mounting position of the 482.6 mm (19") level | front and rear |
| Distance between levels as delivered | 520 mm |
| 482.6 mm (19") attachment | on the cross-member, screw-fastened at the top and bottom |
| Design | Standard |
| Roof design | multi-piece, with side cable entry in the depth, double-sided, prepared for fan mounting plate |
| Front door design | Aluminium/sheet steel door, vented, one-piece, 180° hinges |
| Mounting angle design | 482.6 mm (19") mounting angles, standard in the VX IT |
| Base design | Open |
| 482.6 mm (19") level(s) version | front and rear |

© Rittal 2026

# Features

| | |
|---|---|
| Mounting angles position | 482.6 mm (19") level, front and rear |
| Load capacity | 8,000 N |
| Max. load capacity (static) per enclosure to UL 2416 | 8,000 N |
| Note | Depending on how and where it is sited, the door opening angle may vary for selected applications |
| Basic material | Sheet steel |
| Packs of | 1 pc(s). |
| Net weight | 57 kg |
| Gross weight | 67.5 kg |
| PCF per pack (cradle-to-gate) | 166.3 kg CO2 eq (Cat B) |
| Note on PCF category | Category B: PCF value (cradle-to-gate) based on the product weight, approximately calculated and self-declared |
| Customs tariff number | 94032080 |
| ETIM 9 | EC002499 |
| ETIM 8 | EC002499 |
| ECLASS 8.0 | 27180207 |
| Product description | VX IT, 19" mounting angles, standard, front and rear, vented, WHD: 800 x 1200 x 800 mm, 24 U |

# Approvals

| | |
|---|---|
| Approvals | UL + C-UL (listed) |
| Certificates | Surface finish |
| Explanations | Manufacturer's declaration<br>Declaration of conformity<br>Declaration of conformity UK |

# Tender text

VX IT network, server and electronics enclosure, "standard" variant,
IT rack, installation height 24 U, vented aluminium sheet steel door at the front,
one-piece, vented sheet steel door at the rear.
Rack frame:
Pre-configured IT rack, comprising a torsionally rigid, welded and full symmetrical frame of rolled, 9-fold closed hollow profile, with punchin in a 25 mm pitch pattern.
Frame with integrated M6 blind rivet nuts, to enable fittings to be mounted without impairing the degree of protection. All profile edges are chamfered. Horizontal sections with integrated channel above the PU foam seal as protection for the seal.
Same profile on all sides, with two mounting levels accessible from inside and outside, for fast and space-saving interior installation.
Square holes on all sides to enable the use of cage nuts and metric screws up to M8.
Base:
Welded base frame with integrated reinforcement to enable direct boltin to the floor from inside the enclosure. Open base frame, without gland plates, for optional individual configuration with base modules from th range of accessories.
Baying possible on all sides. Static load capacity up to 8,000 N, and u to 8,000 N acc. to UL 2416.
Front and rear door:
Vented aluminium sheet steel front door, with perforated sheet steel panel, 85% free ventilation area, held in a frame of aluminium sections vertical sections silver-grey anodised,
horizontal sections painted, RAL 9005.
Door with two hinges and two-point locking rod. Door hinge can be swapped from right to left, hinge pins with integrated adjustment aid, door opening angle 240° for stand-alone enclosures, 105° with baying.
Sheet steel rear door, one-piece, vented. Perforated surface with 85% free ventilation area.
Rear door with removable tubular door frame with integrated punching in a 25 mm pitch pattern and integrated hammer-head cut-outs for cable clamping, with two hinges
and two-point locking rod.
Door hinge can be swapped from right to left, hinge pins with integrate door opening angle 240° for stand-alone enclosures, 134° with baying.

© Rittal 2026

Baying hinges with 180° opening angle for front and rear doors availabl separately via the range of accessories.
Both doors with comfort handle for semi-cylinder (30/10) mm, with security lock 3524 E.
Roof plate:
Multi-part roof plate with cable entry on both sides via brush strips over the whole enclosure depth. The multi-part design permits removal o the roof plate with the cabling in place, which greatly simplifies late retrofitting or modification. Roof incorporating a concealed cut-out to accommodate a fan unit for active ventilation. To support passive ventilation, the cover plate can be raised on spacer pillars, if required.
Mounting levels:
Enclosure pre-configured with two 482.6 mm (19") mounting levels, front and rear.
The total static load capacity of both mounting levels is 8,000 N.
Dynamic load capacity (moving on transport module) up to 8,000 N.
Mounting level comprising universal mounting angles for server, network and electronics applications, front and rear, depth-variable, 12.5 mm pitch pattern,
screw-fastened to the enclosure frame via cross rails at top and bottom
Imperial mounting levels can be positioned either symmetrically or asymmetrically with an offset to each other. Alternative mounting dimensions for 21", 23" or 24" components can also be realised.
Mounting angles front and rear, material thickness 2.0 mm, with additional pitch pattern in accordance with the standard EIA 310 E. All height units are marked on the mounting angles and numbered in opposite directions. Height unit markings on both mounting levels can be read from both inside and outside for simplified component installation.
Front mounting angles prepared for tool-free mounting of cable routing aids and organisation of structured cabling with maximum packing density.
Rear mounting angles prepared on both sides for mounting of a Power Distribution Unit (PDU) in 1 U form factor for electrical power distribution in the enclosure, avoids occupying component installation space thanks to space-saving side mounting in the zero-U space between mounting level and side panel.
Supply includes:
Practice-proven mounting accessories, such as spacers for optional raising of the cover plate, fixing accessories for 19" components comprising twelve 19" fasteners, 1 U, contacting, and 25 hexagon socket screws, conductive, with washers for thread size M5.

Potential equalisation:
All panel parts with automatic potential equalisation or prepared for the attachment of earthing straps.
482.6 mm (19") assembly parts are supplied loose.
A potential equalisation kit is available as an accessory.
Side panels:
Side panels are not included in the scope of supply.
One-part screw-fastened variant (IP 55) available via the range of accessories.
QR code:
Printed QR codes on all panel parts, the roof, doors and rating plate provide for the unambiguous marking of individual components, simplify access to relevant product information and documentation, and ensure th full traceability of single parts.
Material:
Enclosure frame, roof: Sheet steel 1.5 mm
Rear door: Sheet steel 1.5 mm
Front door: Aluminium, sheet steel 1.5 mm
482.6 mm (19") mounting angles: Sheet steel 2.0 mm
Surface finish (sheet steel):
Triple surface treatment for corrosion protection and resistance to mineral oils, lubricants, machining emulsions and solvents: Nanoceramic coating, electrophoretic dipcoat priming, textured powder coating in RA 7035/9005.
Protection classes:
Protection category according to IEC 60 529 (with mounted side panels o in a bayed suite with seals):
IP 00
Protection category according to NEMA (with mounted side panels or in a bayed suite with seals):
---
Surface finish:
Panel parts, doors, interior installation, painted in RAL 7035/9005
Aluminium front door, vertical, aluminium, silver-grey anodised
Aluminium front door, horizontal, aluminium, painted in RAL 9005
Aluminium front door, sheet steel panel, painted in RAL 9005
Approvals:
UL2416 NWIN (NFPA70, NFPA75)
IEC/EN 60950 (CB Certificate and Report)
IEC/EN 62368 (CB Certificate and Report)
Dimensions (WHD): 800x1200x800 mm
Earthing measures in accordance with the risk assessment

according to DIN EN 62368-1 are not required for VX IT cabinets, therefore an earthing accessory is not included in the scope of deliver
For increased EMC requirements a potential equalization set can be purchased via the accessories programme. (5302.027 and 5302.028)
Model No: VX IT 5303.114
Manufacturer: Rittal GmbH & Co. KG