TECHNICAL DATASHEET

VERTIV · SERVER RACKS

Vertiv VR Rack VR3107 48U 600 mm × 1100 mm server rack, with doors and side panels, black

48U server rack, 600 × 1100 mm, 1361 kg static load, 77% perforated doors

SKU VR3107 | 48U | Vertiv

HEIGHT IN U	EXTERNAL DIMENSIONS	MANUFACTURER	PRICE
48U	approx. 2266 × 600 × 1100 mm	Vertiv	On request

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01 Product overview

The Vertiv VR3107 is a 48U floor-standing server rack from the Vertiv VR Rack family, measuring approximately 600 mm wide, 1100 mm deep and 2266 mm high. VR Rack frames are engineered for quick deployment in high-density server rooms and data centres and give roughly 2.5 in. (about 63 mm) more usable depth than comparable 19-inch cabinets, leaving more room behind long servers for power cords and cabling. The 600 mm width matches a standard data-centre floor tile, so rows of servers can be built with no wasted floor space.

Every VR Rack ships with a single 77% perforated locking front door and split 77% perforated locking rear doors - both can be hinged on either side - plus two pairs of split, locking side panels with slam latches for easy removal. A high-density cable entry top cover handles up to about 2,000 Cat 6 cables, and two full-height, depth-adjustable brackets in the zero-U space serve as toolless mounting points for rack PDUs and cable management.

The frame carries 1361 kg (3,000 lb) static and 1134 kg (2,500 lb) dynamic load. Two sets of 19-inch EIA rails are fully depth-adjustable, and accessories such as shelves, blanking panels and cable managers install without tools. The 48U frame maximises rack space per floor tile for dense deployments. Cabinets can be bayed externally on metric spacing or on 24 in. centres.

KEY SPECIFICATIONS

Manufacturer	**Vertiv**
Model	**VR3107**
Series	**Vertiv VR Rack**
Rack type	**Floor-standing server rack**
Height in U	**48U**
External dimensions (H × W × D)	**approx. 2266 × 600 × 1100 mm**
Mounting rails	**Two sets of 19-inch EIA rails, fully depth-adjustable**
Front door	**Single locking perforated door, reversible hinge**
Rear door	**Split locking perforated doors**
Door perforation	**77%**
Side panels	**Two pairs of split locking side panels with slam latch**
Lock	**Locking door handles and side panels**

HIGHLIGHTS

- 48U, 600 × 1100 mm footprint, server rack
- 1361 kg static / 1134 kg dynamic load rating
- 77% perforated locking front door and split rear doors
- Split locking side panels and high-density top cable entry
- About 2.5 in. extra usable depth; toolless 0U PDU brackets
- Simple external baying on metric or 24 in. centres

02 Full specifications

GENERAL	
Manufacturer	Vertiv
Model	VR3107
Series	Vertiv VR Rack
Rack type	Floor-standing server rack

DIMENSIONS

Height in U	48U
External dimensions (H × W × D)	approx. 2266 × 600 × 1100 mm
Usable depth	Approx. 2.5 in. (63 mm) more than standard 19-inch cabinets of the same size

MOUNTING

Mounting rails	Two sets of 19-inch EIA rails, fully depth-adjustable
0U accessory mounting	Two full-height depth-adjustable PDU / cable management brackets, toolless button mounting

DOORS & PANELS

Front door	Single locking perforated door, reversible hinge
Rear door	Split locking perforated doors
Door perforation	77%
Side panels	Two pairs of split locking side panels with slam latch
Lock	Locking door handles and side panels

LOAD

Static load rating	1361 kg (3,000 lb)
Dynamic load rating	1134 kg (2,500 lb)

CONSTRUCTION

Colour	Black (RAL 7021)
Material	Steel
Cable entry	High-density top cover cable entry (up to ~2,000 Cat 6 cables)
Casters	Casters for rolling into position
Baying	External baying, metric or 24 in. centres

COMPLIANCE

Standards	EIA-310 19-inch rack mounting

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