



Vertiv™ Rack

Easy installation and integration
of components and devices

Supports high-density
weight loads



Rapid Deployments Everywhere You Operate

Standardize your deployments around the world and bring them online faster with the Vertiv™ Rack. The Vertiv Rack supports a wide variety of equipment, including: servers, storage, switches, routers, PDUs, UPSs, console port servers and KVM switches.

The Vertiv Rack is delivered ready for high density environments to serve your mission critical needs — even as they evolve and change. This rack gives you the flexibility you need with easy installation.

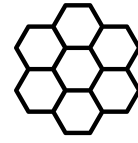
The Vertiv™ Rack offers these advantages:

- Available in 10 standard sizes.
- Full depth adjustability of the 19" rails.
- Frame design allow for more than 2.5" more usable depth than similar sized racks.
- Doors that have 77% perforation and can be hinged on either side.
- Tool-less removable top panel has four cable entry holes allowing for up to 2000 Cat6 cables, or 60A PDU plugs.
- Two dual purpose full height depth adjustable PDU / cable management brackets mounted in the zero U space with tool-less button mounting of rack PDUs, accessory mounting holes for tool-less cable management accessories, and integrated cable tie off positions.
- 42U frame height that allows for the rack to pass through standard doors on casters.
- Simple external baying, allows for metric baying or on 24" centers.
- Split side panels with single locking slam latch allows for easy single person removal / installation.



High Density Cable Entry Top Panel

Removable openings for cable entry — ready for front / rear cabling. Can accommodate over 2000 Cat 6 cables.



Doors

Single and split 77% perforated doors providing maximum airflow. Lift off hinges for easy removal, and field reversibility.

Frame

More usable depth compared to similar sized rack.



Tool-less Cable Management

Requires just inserting and twisting the tool-less accessories on 19" vertical mounting rail, or the PDU / cable management brackets.



Integrated 19" Rail Alignment

Allows 19" rails to be positioned correctly without measuring.



Split Locking Side Panels

For quick and easy installation and maintenance. Locks provide security.



Leveling Feet

Accessible from the top of the frame for easy adjustment.

Part Number	U	Height Mm (Inches)*	Width Mm (Inches)*	Depth Mm (Inches)*
VR3100	42	2000 (78.6")	600 (23.6")	1100 (43.3")
VR3100SP	42	2000 (78.6")	600 (23.6")	1100 (43.3")
VR3100TAA	42	2000 (78.6")	600 (23.6")	1100 (43.3")
VR3300	42	2000 (78.6")	600 (23.6")	1200 (47.8")
VR3300SP	42	2000 (78.6")	600 (23.6")	1200 (47.8")
VR3300TAA	42	2000 (78.6")	600 (23.6")	1200 (47.8")
VR3150	42	2000 (78.6")	800 (31.5")	1100 (43.3")
VR3150SP	42	2000 (78.6")	800 (31.5")	1100 (43.3")
VR3150TAA	42	2000 (78.6")	800 (31.5")	1100 (43.3")
VR3350	42	2000 (78.6")	800 (31.5")	1200 (47.8")
VR3350SP	42	2000 (78.6")	800 (31.5")	1200 (47.8")
VR3350TAA	42	2000 (78.6")	800 (31.5")	1200 (47.8")
VR3105	45	2132 (83.9")	600 (23.6")	1100 (43.3")
VR3107	48	2265 (89.2")	600 (23.6")	1100 (43.3")
VR3107SP	48	2265 (89.2")	600 (23.6")	1100 (43.3")
VR3107TAA	48	2265 (89.2")	600 (23.6")	1100 (43.3")
VR3305	45	2132 (83.9")	600 (23.6")	1200 (47.8")
VR3307	48	2265 (89.2")	600 (23.6")	1200 (47.8")
VR3307SP	48	2265 (89.2")	600 (23.6")	1200 (47.8")
VR3307TAA	48	2265 (89.2")	600 (23.6")	1200 (47.8")
VR3157	48	2265 (89.2")	800 (31.5")	1100 (43.3")
VR3157SP	48	2265 (89.2")	800 (31.5")	1100 (43.3")
VR3157TAA	48	2265 (89.2")	800 (31.5")	1100 (43.3")
VR3357	48	2265 (89.2")	800 (31.5")	1200 (47.8")
VR3357SP	48	2265 (89.2")	800 (31.5")	1200 (47.8")
VR3357TAA	48	2265 (89.2")	800 (31.5")	1200 (47.8")

*Nominal dimensions, reference submittal drawings for exact dimensions
VRXXXXSP ship with 2000 lb. rated shock packaging VRXXXXTAA are TAA Compliant

Complete rack includes:

- Single 77% perforated locking front door.
- Split 77% perforated locking rear doors.
- 2 pair split locking side panels.
- High density cable entry top cover (2000 Cat 6 cables).
- 2 sets of 19" EIA Rails.
- 2 full height rack PDU Mounting / cable management brackets (one per side).
- Low profile casters and leveling feet.
- Baying brackets.
- Bolt down brackets.
- Hardware includes (50 each M6 cage nuts and screws), Cage nut installation tool, edge protection for top panel cable entry, T30 / Phillips L key, T30 extension driver.
- Keys.

Features

Frame

Frame capable of supporting up to 3000 lbs (1360kg) Static, 2250 lbs (1022kg) Dynamic, 2000 lbs (907kg) Transport (with Shock Package).

Simple external baying, allows for metric or on 24" centers and leveling feet incorporated into the frame for easy adjustment.

42U frame height that will allow access through standard doors on four swivel casters.

Door & Side Panels

Single perforated front door and split rear doors with tool-less lift off hinges.

Locking handles.

Field reversible doors.

77% perforation exceeds IT manufacturers specifications.

Split side panels with single locking slam latch.

Top Panel

Tool-less removeable top panel.

Integrated hole pattern for easy installation of top panel accessories (cable management, modular busway support brackets, ladder / cable tray support brackets).

Four cable entry holes allowing for up to 2000 Cat6 cables, or 60A PDU plugs.

Top Panel load capacity of 150 lbs.

19" Mounting Rails

(2) Pair of full height 19" EIA mounting rails, accepts cage nuts, U markings on front and rear of each rail.

Depth markings included on frame for easy alignment.

Accessory mounting holes along rails allow for mounting of cable management fingers and tool-less accessories.

Rectangular cutouts for routing cables through 800mm (31.5") wide 19" EIA rails from front to rear or for airflow for side breathing equipment.

Full depth adjustability within the usable space.

PDU / Cable Management Brackets

Two dual purpose full height depth adjustable PDU / Cable Management brackets mounted in the zero U space.

Button mount keyholes throughout to accommodate tool-less button mounting of rack PDUs of various heights.

Accessory mounting holes allow for mounting of tool-less cable management accessories.

Integrated cable tie off positions.

Depth adjustable.

Color

Frame, doors, side panels, top panel, rails and PDU brackets are powder coated RAL 7021 (Black).

Certifications

EIA 310E

UL2416

RoHS

REACH

Vertiv™ Rack Heavy Duty

Available in 12 Standard Models

Heights: 42U, 48U, 52U

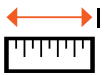
Widths: 600mm, 800mm

Depths: 1100mm, 1200mm



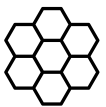
High Density Cable Entry Top Panel

Tool-less removeable top panel and Integrated hole pattern for easy installation of top panel accessories.



Integrated 19" Rail Alignment

Assists in aligning 19" rails without measuring and allows for full depth adjustability within the usable space.



Over 77% perforated doors

Single perforated front door and split rear doors with tool-less lift off hinges provide maximum airflow and can be hinged on either side.



Zero U Channel

Provides Tool-less mounting of rack PDU's, accessory mounting holes for tool-less cable management accessories, and integrated cable tie off positions.



Split Locking Side Panels

Allows for easy single person removal / installation while providing security with single locking slam latch.



Secure locking handles

Secure front and rear door locks with combination, RFID, and biometric lock options.



Heavy Duty Casters

Enables smooth mobility while providing necessary support of integrated rack.



2.5" (63.5 mm) More Usable Depth

Enhanced frame design allocates more space to manage critical cabling.

Vertiv's best-in-class solutions portfolio, including both perimeter and in-row cooling, 1Ph & 3Ph UPS, PowerIT rPDUs, and Aisle Containment offers you a worry-free time-saving solution for rapid deployment.

BEGIN WITH A RACK

Vertiv™ Heavy Duty Rack

The Rack is the foundation of your infrastructure. Vertiv offers a variety of different rack enclosure sizes ranging from 42U-52U.

KEEP THE POWER ON

Vertiv™ Liebert® UPS

Continuous power is vital to keep your critical electronic equipment available. Vertiv offers various flexible UPS systems with scalable battery capacity for extended runtime during outages, and life-cycle services for convenience.

DISTRIBUTE THE POWER

Vertiv™ PowerIT Rack PDU

Whether you are looking for basic rPDU's or the convenience of monitored or remotely managed units, Vertiv offers tested, reliable rack power distribution units.

STAY COOL

Vertiv™ Rack Cooling

Critical infrastructure in the rack must operate at peak capacity and optimum temperature. Vertiv offers future-proofed rack cooling solutions that not only allow high cooling availability, but increased energy savings.



Easy Integration



Fully Customizable for your IT Needs



Rapid Deployment for Quick Installation

Vertiv™ Rack Heavy Duty

Part Number	U	Height Mm (Inches)*	Width Mm (Inches)*	Depth Mm (Inches)*
VR9100	42	2000 (78.6")	600 (23.6")	1100 (43.3")
VR9300	42	2000 (78.6")	600 (23.6")	1200 (47.8")
VR9150	42	2000 (78.6")	800 (31.5")	1100 (43.3")
VR9350	42	2000 (78.6")	800 (31.5")	1200 (47.8")
VR9107	48	2267 (89.2")	600 (23.6")	1100 (43.3")
VR9307	48	2267 (89.2")	600 (23.6")	1200 (47.8")
VR9157	48	2267 (89.2")	800 (31.5")	1100 (43.3")
VR9357	48	2267 (89.2")	800 (31.5")	1200 (47.8")
VR9109	52	2445 (96.3")	600 (23.6")	1100 (43.3")
VR9309	52	2445 (96.3")	600 (23.6")	1200 (47.8")
VR9159	52	2445 (96.3")	800 (31.5")	1100 (43.3")
VR9359	52	2445 (96.3")	800 (31.5")	1200 (47.8")

*Nominal dimensions, reference submittal drawings for exact dimensions. All Models ship with 3550 lb / 1610 kg rated shock packaging

Vertiv™ Rack Heavy Duty Liquid Cooling

Vertiv Rack Heavy Duty Liquid Cooling edition contains our liquid cooling roof panel and drip tray.

Part Number	U	Height Mm (Inches)*	Width Mm (Inches)*	Depth Mm (Inches)*
VR9100L	42	2000 (78.6")	600 (23.6")	1100 (43.3")
VR9300L	42	2000 (78.6")	600 (23.6")	1200 (47.8")
VR9150L	42	2000 (78.6")	800 (31.5")	1100 (43.3")
VR9350L	42	2000 (78.6")	800 (31.5")	1200 (47.8")
VR9107L	48	2267 (89.2")	600 (23.6")	1100 (43.3")
VR9307L	48	2267 (89.2")	600 (23.6")	1200 (47.8")
VR9157L	48	2267 (89.2")	800 (31.5")	1100 (43.3")
VR9357L	48	2267 (89.2")	800 (31.5")	1200 (47.8")
VR9109L	52	2445 (96.3")	600 (23.6")	1100 (43.3")
VR9309L	52	2445 (96.3")	600 (23.6")	1200 (47.8")
VR9159L	52	2445 (96.3")	800 (31.5")	1100 (43.3")
VR9359L	52	2445 (96.3")	800 (31.5")	1200 (47.8")

Complete rack includes:

- Single 77% perforated locking front door.
- Split 77% perforated locking rear doors.
- 2 pair split locking side panels.
- High density cable entry top cover (2000 Cat 6 cables).
- 2 sets of 19" EIA Rails.
- 2 full height rack PDU Mounting / cable management brackets (one per side).
- Low profile casters and leveling feet.
- Baying brackets.
- Bolt down brackets.
- Hardware includes (50 each M6 cage nuts and screws), Cage nut installation tool, edge protection for top panel cable entry, T30 / Phillips L key, T30 extension driver.
- Keys.

Features

Frame

Frame capable of supporting up to 4250 lbs (1928kg) Static, 3550 lbs (1610kg) Dynamic, 3550 lbs (1610kg) Transport (with Shock Package).

Simple external baying, allows for metric or on 24" centers and leveling feet incorporated into the frame for easy adjustment.

Resilient shock packaging to allow transport of 3550lbs / 1610kg of rack mounted equipment

Leveling Feet & Casters

Easily accessible leveling feet with load rating of 1927 kg/4250 lb

Castors capable of supporting 1610 kg/3550 lb

Simple and convenient rack relocation with casters

Door & Side Panels

Single perforated front door and split rear doors with tool-less lift off hinges.

Locking handles.

Field reversible doors.

Over 77% perforation exceeds IT manufacturers specifications.

Split side panels with single locking slam latch.

Top Panel

Tool-less removeable top panel.

Integrated hole pattern for easy installation of top panel accessories (cable management, modular busway support brackets, ladder / cable tray support brackets).

Four cable entry holes allowing for up to 2000 Cat6 cables, or 60A PDU plugs.

Top Panel load capacity of 150 lbs. / 68kg.

PDU / Cable Management Brackets

Two dual purpose full height depth adjustable PDU / Cable Management brackets mounted in the zero U space.

Button mount keyholes throughout to accommodate tool-less button mounting of rack PDUs of various heights.

Accessory mounting holes allow for mounting of tool-less cable management accessories.

Integrated cable tie off positions.

Depth adjustable.

Color

Frame, doors, side panels, top panel, rails and PDU brackets are powder coated RAL 7021 (Black).

Certifications

EIA 310E ISTA3E with 3550 lbs load

UL2416 TAA/ BABA

RoHS

REACH

EIA 19" Mounting Rails

(2) Pair of full height 19" EIA mounting rails, accepts cage nuts, U markings on front and rear of each rail.

Depth markings included on frame for easy alignment.

Accessory mounting holes along rails allow for mounting of cable management fingers and tool-less accessories.

Rectangular cutouts for routing cables through 800mm (31.5") wide 19" EIA rails from front to rear or for airflow for side breathing equipment.

Full depth adjustability within the usable space.

Vertiv™ Rack Wall Mount Rack

SKU	U	Door	Height, inches (mm)	Width, inches (mm)	Depth, inches (mm)	Weight capacity, lbs
VR1000	12U	Plexi	24" (609.6)	21" (533.4)	24" (609.6)	150
VR1001	12U	Mesh	24" (609.6)	21" (533.4)	24" (609.6)	150
VR1002	12U	Solid	24" (609.6)	21" (533.4)	24" (609.6)	150
VR1003	12U	Plexi	24" (609.6)	24" (609.6)	31" (787.4)	200
VR1004	12U	Mesh	24" (609.6)	24" (609.6)	31" (787.4)	200
VR1005	12U	Solid	24" (609.6)	24" (609.6)	31" (787.4)	200
VR1006	19U	Plexi	36" (914.4)	21" (533.4)	24" (609.6)	250
VR1007	19U	Mesh	36" (914.4)	21" (533.4)	24" (609.6)	250
VR1008	19U	Solid	36" (914.4)	21" (533.4)	24" (609.6)	250
VR1009	19U	Plexi	36" (914.4)	24" (609.6)	31" (787.4)	250
VR1010	19U	Mesh	36" (914.4)	24" (609.6)	31" (787.4)	250
VR1011	19U	Solid	36" (914.4)	24" (609.6)	31" (787.4)	250
VR1012	25U	Plexi	48" (1219.2)	21" (533.4)	24" (609.6)	300
VR1013	25U	Mesh	48" (1219.2)	21" (533.4)	24" (609.6)	300
VR1014	25U	Solid	48" (1219.2)	21" (533.4)	24" (609.6)	300
VR1015	25U	Plexi	48" (1219.2)	24" (609.6)	31" (787.4)	300
VR1016	25U	Mesh	48" (1219.2)	24" (609.6)	31" (787.4)	300
VR1017	25U	Solid	48" (1219.2)	24" (609.6)	31" (787.4)	300
VR1018	12U	N/A	24" (609.6)	21" (533.4)	18" (457.2)	50
VR1019	19U	N/A	36" (914.4)	21" (533.4)	18" (457.2)	50
VR1020	25U	N/A	48" (1219.2)	21" (533.4)	18" (457.2)	50
VR1021	6U	Mesh	12.65" (321)	22.62 (600)	17.12 (450)	132
VR1022	9U	Mesh	17.868 (321)	22.62 (600)	17.12 (450)	132

Wall Mount Offering Scope:

- Various depths to serve multiple channels:
 - Short depth for networking applications.
 - Medium depth for deeper networking/edge server.
 - Full depth for edge compute applications (will support full depth servers and more of our UPS's).
- Swings away from wall on hinge for easy back-door access with lock.
- Reversible mounting for left-hand or right-hand opening.
- Complete rack stability and security –cabinet elevation/pallet brackets.
- Outer protection –Complete outer wrap & protective inserts.



Vertiv™ Rack Wall Mount Rack

Wall Mount Accessories

Part Number	Description
VM15	Double-Sided 19" Horizontal Cable Organizer
VM16	1 RMU 19" Horizontal Cable Organizer
VM17	2 RMU 19" Horizontal Cable Organizer
VRA6300	19' rackmount copper bus bar
VRA2031	Double wall mount fan kit

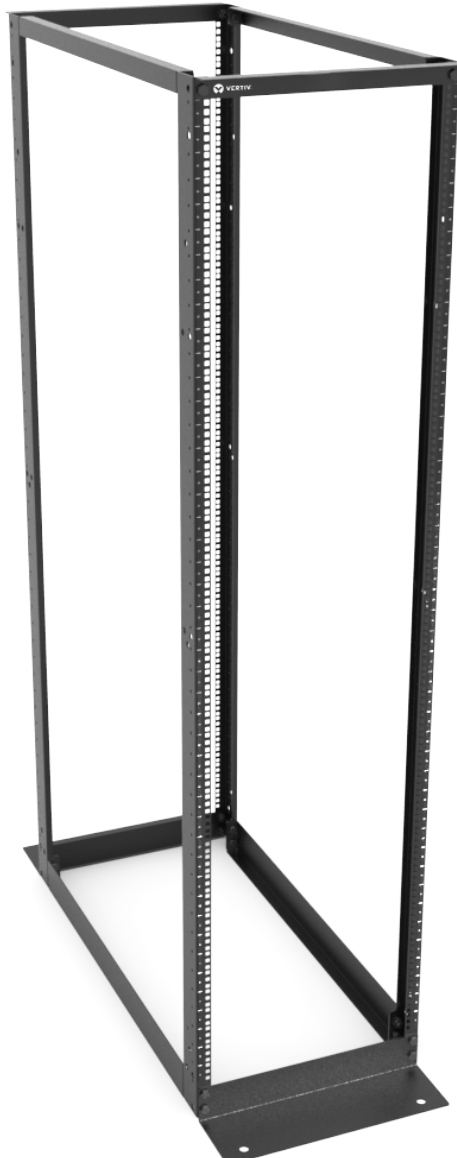
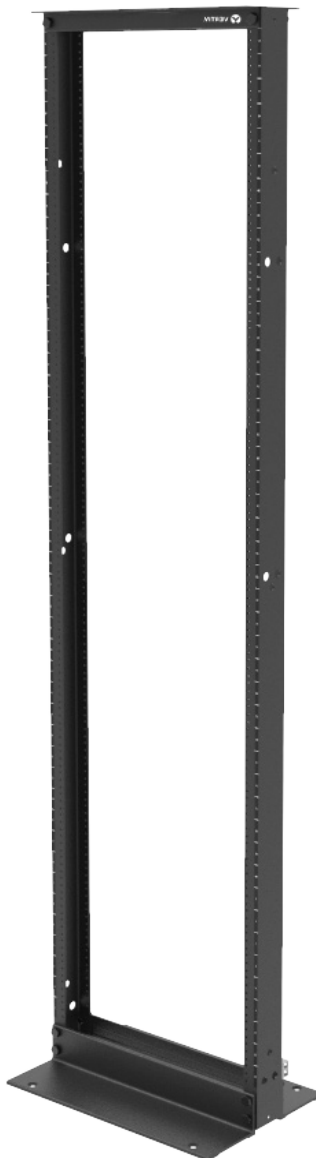
(*) Only compatible with certain wall mount SKUs

Vertiv™ Rack 2-Post and 4-Post

Part Number	Wall Mount	Posts	U	Depth
VR201	No	2-Post	45U	N/A
VR203	No	4-Post	45U	24"
VR204	No	4-Post	45U	29"
VR205	No	4-Post	45U	32"
VR206	No	4-Post	45U	36"

2-Post and 4-Post Accessories

Part Number	Description
VRA1037	6"x9" Finger Cable Management
VRA1038	6"x18" Finger Cable Management
VRA1039	10"x9" Finger Cable Management
VRA1040	10"x18" Finger Cable Management
VRA1041	12"x11" Finger Cable Management
VRA1042	12"x18" Finger Cable Management
VRA1043	6"x12" Finger Cable Management
VRA1044	6"x24" Finger Cable Management
VRA1045	8"x12" Finger Cable Management
VRA1046	8"x24" Finger Cable Management
VRA1047	10"x12" Finger Cable Management
VRA1048	10"x24" Finger Cable Management
VRA1049	12"x12" Finger Cable Management
VRA1050	12"x24" Finger Cable Management
VRA1051	RFID Swing Handle, Multi-frequency, Wiegand Integration
VRA1052	RFID Swing Handle W/ PIN, Multi-frequency, Wiegand Integration
VRA1053	Electromechanical Swing Handle, RFID + PIN, black
VRA1054	Cage Nuts w/ 12-24 X 1/2" Screws, Type 23, Package of 50
VRA1055	Pan Head Phillips #12-24 Screws X 1/2", Type 23, Black, Package of 50
VRA2032	Single wall mount fan kit
VM15	Double-sided 19" Horizontal Cable Organizer
VM16	1 RMU 19" Horizontal Cable Organizer
VM17	2 RMU 19" Horizontal Cable Organizer
VRA6300	19" Rackmount Copper Bus Bar





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