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Model #: SR42UBTD

42U SmartRack with Thermal Duct Premium Enclosure (includes doors and side panels)



Highlights

- 42U SmartRack enclosure with doors and side panels
- Thermal Duct on Rack roof
- 4 interior vertical posts with unthreaded square hole openings
- Standard 24" width for optimizing floor space
- Ships assembled
- Massive front to rear ventilation capacity
- 3000 lb stationary / 2250 lb rolling load capacity
- Locking, removable, reversible front and rear doors
- Locking, removable side panels keyed alike with doors
- Meets all enclosure requirements towards PCI DSS (Payment Card Industry Data Security Standard) Compliance

Description

SmartRack enclosures are designed for secure, high density server and networking applications in IT environments. Designed with provisions to integrate cooling, power distribution and cable management, SmartRack enclosures make ideal homes for mission-critical equipment. Thermal duct on the roof allows hot exhaust from mounted equipment to not only exit the enclosure but also remove the heat from the entire room so it doesn't mix with, and contaminate the cool air in the room. Vendor-neutral square hole/cage nut mounting for guaranteed compatibility with all EIA-310-D compliant 19" equipment. Enclosures ship fully assembled with duct just needing to be attached for rapid deployment and roll into place on heavy duty casters. Toolless mounting slots allow quick installation of PDUs and vertical cable managers. Adjustable mounting rails include an easy-view depth index to eliminate time-consuming measurements. Lightweight modular doors and side panels provide safe, convenient service access. Integrated baying tabs facilitate combining enclosures in rows for standard data center baying applications. SmartRack enclosures hold up to 3000 lbs and support cooling, cable management, power distribution and monitoring features that keep critical servers and network equipment operating nonstop. Perforated doors permit massive front to rear airflow that exceeds servers manufacturer requirements. Enclosures are fully compatible with hot-aisle / cold-aisle data center configurations.

Package Includes

- SR42UBTD Rack Enclosure
- (4) Side panels
- (4) Side panel locks
- (2) door and side panel keys
- (1) SR THERM DUCT kit
- (1) Allen Wrench
- (50) M6 screws
- (50) M6 cage nuts
- (50) M6 washers
- Owner's Manual

Features

- Thermal duct on roof allows hot exhaust from mounted equipment to not only exit the enclosure but the entire room
- Ships fully assembled for rapid deployment and roll into place on heavy-duty pre-installed casters.
- Front and rear sets of equipment mounting rails adjust in 1/4" increments. Adjustment is quick and convenient. The easy-view depth index ensures consistent rail placement without requiring time-consuming measurements.
- Toolless accessory mounting rails (2 rails per enclosure) include slots for quick installation of compatible PDUs and vertical cable managers. Mounting slots are arranged in an industry-standard pattern compatible with a wide variety of accessories. Each rail can accommodate two vertical PDUs or cable managers side-by-side (four items per enclosure).

- Textured powder coat finish for tough resistance to environmental concerns such as deployment in warehouses.
- Solid rear doors are standard to help direct the heat up through the roof mounted duct
- Maximum usable internal depth of 37 inches/94 cm (front to rear rail).
- Weight ratings of 3000 lb stationary and 2250 lb rolling.
- Front door is locking, reversible and removable.
- Rear doors are locking and reversible. Split rear door design reduces clearance requirements for service entry allowing the enclosure to be placed closer to a wall.
- Locking removable side panels are 'half size' to make them smaller and lighter improving ease of installation and servicing. Two side panels per side (4 panels total). Side panels are keyed alike to the front and rear doors.
- Built in baying tabs allow enclosures to be combined securely in rows. Center-to-center width can be set at 600mm or 24" to match standard data center floor tiles.
- Casters are pre-installed and support a rolling load capacity of 2250 lbs, allowing the enclosures to be pre-configured and rolled to the final installation location. Casters are removable.
- Leveling feet extend to allow enclosure to be positioned on uneven floors. Levelers are removable.
- Compact design allows the enclosure to roll through standard height commercial doorways.
- Convenient grounding system. All components are grounded to the enclosure frame which includes multiple connections for facility ground. Front and rear doors include quick-release ground wires.
- Open bottom for cable access.
- Top panel has generous cable access holes. Panel can be removed toollessly in seconds without having to disconnect cables first.
- Included stabilizing brackets are used for shipment and can be reattached at the bottom of the enclosure frame on the inside or outside of the rack.
- Meets all enclosure requirements towards PCI DSS (Payment Card Industry Data Security Standard) Compliance
- Compatibility with airflow optimization accessories as well as cable management accessories.

Specifications

PHYSICAL	
Installed whole system maximum rack depth (inches)	37
Installed whole system maximum rack depth (cm)	93.98
Installed whole system total rack space height (rack spaces)	42U
Shipping weight (lbs)	374
Shipping weight (kg)	170
Shipping Dimensions (HWD/in)	84.5 x 27.75 x 47
Shipping Dimensions (HWD/cm)	214 x 70.5 x 119
Unit weight (lbs)	346
Unit weight (kg)	156.94
Unit Dimensions (cm)	EXTERNAL DIMENSIONS: 287 x 60 x 109 (HWD)
Unit Dimensions (in)	EXTERNAL DIMENSIONS: 113 x 23.63 x 43 (HWD)
WARRANTY	
Product Warranty Period (Worldwide)	5-year limited warranty

Related Items

Optional Products

Related Model	Description	Qty.
B020-U08-19-IP	Console KVM Switch - 8-Port NetDirector 1U Rackmount Console IP KVM Switch w/19" LCD	1
B021-000-17	Rackmount Console - 1U Rackmount Console with 17" LCD	1
B021-000-19	Rackmount Console - 1U Rackmount Console with 19" LCD	1
B040-008-19	NetController 19" VGA Console KVM Switch - 8 Port	1
B040-016-19	NetController 19" VGA Console KVM Switch - 16 Port	1
N252-012	12-Port Cat6 Patch Panel 568B, 1U	1
N252-024	24-Port Cat6 Patch Panel 568B, 1U	1
N252-048	48-Port Cat6 Patch Panel 568B	1
SRBOLTDOWN	Bolt-Down Kit (Secures included stabilizing brackets or optional stabilizing plates to facility floor.)	1
SRCABLEDUCTVRT	6-ft. (1.8 m) Vertical Cable Manager (Double finger duct with cover; toolless mounting.)	1
SRCABLEDUCT1U	1U Horizontal Cable Manager (Finger duct with cover.)	1
SRCABLERING1U	1U Horizontal Cable Manager (Flexible ring type.)	1
SRCABLERING2U	2U Horizontal Cable Manager (Flexible ring type.)	1
SRCAGENUTS	Square Hole Hardware Kit (Includes 50 M6 screws and washers.)	1
SRCOMBO	Door Handles with Combination Lock (2-pack for front and rear doors; includes bypass key.)	1
SREXTENDER	Rack Enclosure Extension Frame (Increases external depth of rack enclosures to 51-in. / 1295 mm; increases maximum mounting depth to 43.75-in. / 1111 mm.)	1
SRFAN3U	3U Fan Panel, 120V (3 high-performance fans; 210 CFM; 5-15P plug.)	1
SRSHELF4PHD	Heavy-Duty Fixed Shelf (250 lb / 113 kg capacity; 26 in / 660 mm depth.)	1
SRSHELF4PKYBD	Keyboard Shelf (25 lb / 11 kg capacity; 16-in. / 406 mm depth.)	1
SRSHELF4PSL	Standard Sliding Shelf (100lb / 45 kg capacity; 28 1/4 in/ 660 mm depth.)	1
SRSHELF4PSLHD	Heavy-Duty Sliding Shelf (200 lb / 91 kg capacity; 26 in / 660 mm depth.)	1
SRSTABILIZE	Anti-Tip Stabilizing Plate Kit (Provides extra stability for standalone enclosures.)	1
SRSWITCH	Magnetic Door Switch Kit for front and rear doors; requires ENVIROSENSE	1
SRXFAN3U	3U Fan Panel, 230V (3 high-performance fans; 210 CFM; C14 inlet.)	1
SR1UPANEL10	1U Blanking Panel Kit (10 pieces; toolless mounting.)	1
SR1UPANEL50	1U Blanking Panel Kit (50 pieces; toolless mounting.)	1
UPSHDEARKIT	Heavy-Duty Mounting Ear Kit - Supports 2U cabinets up to 65 lb / 29 kg from front vertical rails in 4-post or 2-post racks and enclosures.)	1
SRCABLEDUCT1UHD	1U High Capacity Horizontal Cable Manager (Finger duct with dual-hinge cover)	1
SRCABLEDUCT2UHD	2U High Capacity Horizontal Cable Manager (Finger duct with dual-hinge cover)	1
SRVRTBAR	Vertical Cable Management Bars	1

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=4647.