



## SmartRack Floor-Standing Rack Enclosures



- Sizes from 12U to 48U
- EIA-standard mounting rails
- Variety of depths and widths
- Sturdy steel frame supports up to 3,000 lb. (varies by model)
- Toolless mounting for vertical PDUs
- Airflow exceeding OEM requirements
- Over 70 different ready-to-ship models

### House Critical Equipment

SmartRack enclosures have sturdy steel frames and locking cabinets to secure and organize up to 3,000 lb. of 19" rack equipment. They provide safe homes for servers, storage, network hardware and all the indispensable devices that keep your organization efficient and productive.

### Provide Efficient Cooling

Front-to-rear airflow supports efficient hot-aisle/cold-aisle configurations and exceeds server manufacturer requirements to keep equipment operating reliably.

### Support Diverse Applications

Many heights, widths, depths and other variations are available, with a wide range of configuration options.

### Make Your Job Easier

SmartRack enclosures have been designed from the perspective of the installer, and that philosophy shows in the little details that make small tasks quicker and easier, adding up to big benefits over the workday. Enclosures arrive ready for rapid deployment and roll into place on sturdy casters. Features like quick-adjust mounting rails, modular side panels and toolless mounting slots for vertical PDUs and cable managers facilitate installation and configuration. Seamless compatibility with all EIA-standard 19" rack equipment ensures trouble-free setup.



Toolless Mounting Slots



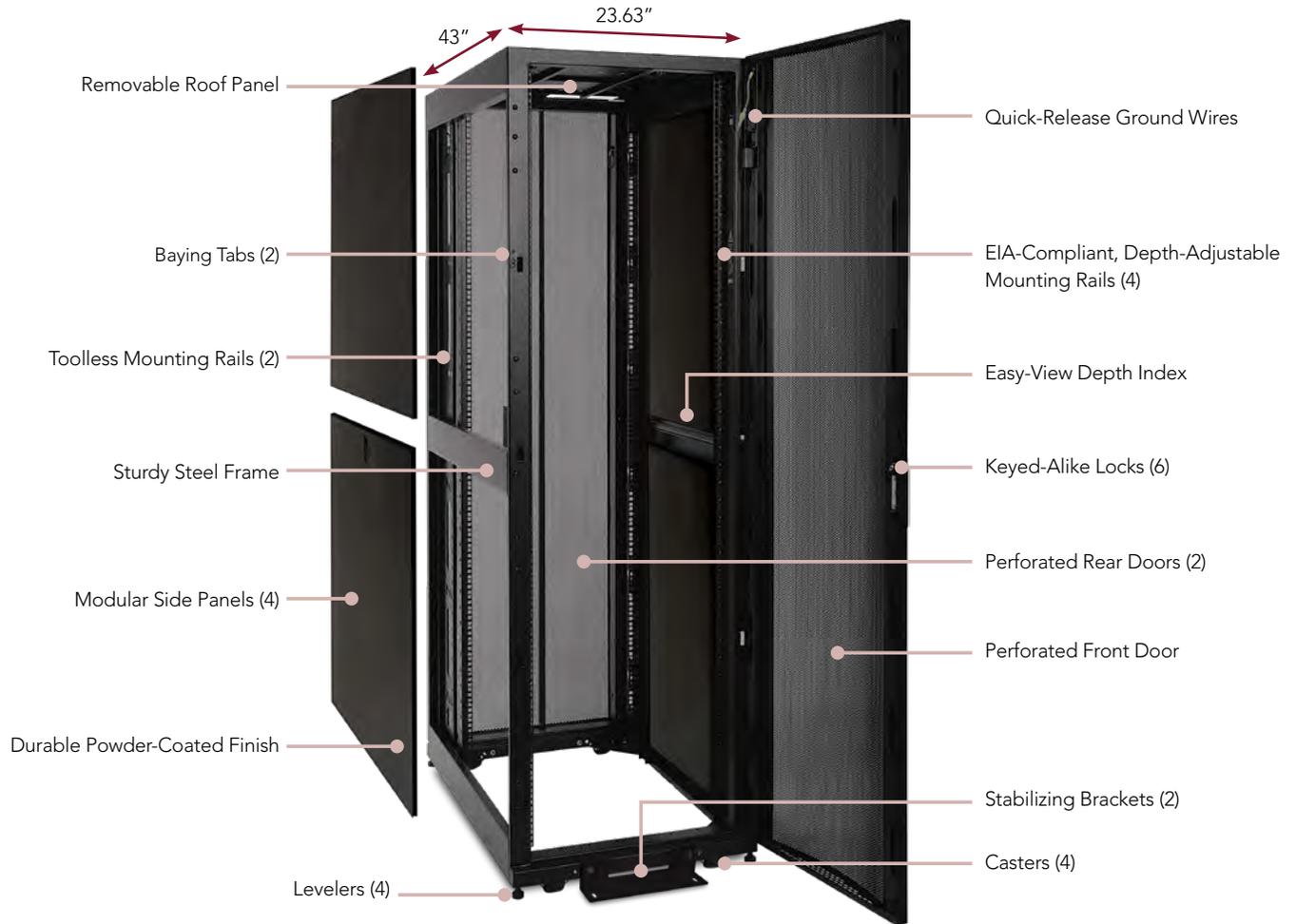
*I honestly did not expect it to be such a quality product, but everything about this rack is quality. I definitely have a different outlook on Tripp Lite and will always consider them in the future after this purchase. – Online Reviewer*



Find it fast! Try our interactive rack selector at [www.tripplite.com/rack](http://www.tripplite.com/rack) or contact our application team at [773.869.1236](tel:773.869.1236) or [solutions@tripplite.com](mailto:solutions@tripplite.com).

## Over 70 Different Ready-to-Ship Models Support Diverse Applications

42U Standard-Width, Standard-Depth Cabinet with Side Panels



White Finish



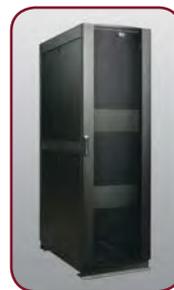
Without Side Panels



Colocation



Shock Pallet  
(Ships with 1,250 lb.)



Seismic-Certified



NEMA-Rated



Clear Acrylic  
"Glass" Door



Extra-Wide



Extra-Deep



Deep & Wide



Mid-Depth



Shallow-Depth

## Hold Deeper Devices & More Cabling

Deep, wide and deep/wide rack enclosures accommodate deeper servers, blade server chassis, large network switches and high-density installations while providing ample space for PDUs, cables and cable managers. Enclosures with extra width have side channels for accessory mounting, cable routing and airflow—ideal for network switches that have side-to-side airflow and forward-facing ports.



Standard Rack Enclosure



Extra-Wide Rack Enclosure

## Ship with Pre-Installed Equipment

Shock pallet rack enclosures ship with special packaging, including a reinforced pallet and loading ramps. This packaging allows you to install equipment and then ship the pre-configured rack enclosure to the final installation site. The pallet supports up to 1,250 lb. during shipment.



Extra-Deep Rack Enclosure



Extra-Deep & Extra-Wide Rack Enclosure

## Support Colocation

Colocation enclosures are divided into secure upper and lower compartments, each with separate, lockable doors and side panels. Divided compartments allow you to maintain the physical security of installed equipment for multiple tenants within a single enclosure footprint. They can also be used to subdivide equipment by security level or department.



Shock Pallet Rack Enclosure



Colocation Rack Enclosure



## Install in Smaller Spaces

Compact rack enclosures are perfect for branch-office and back-office applications where space is limited. They store 12U to 25U of equipment in locations where larger enclosures won't fit.

Mid-depth and shallow-depth rack enclosures are suitable for space-limited server applications and audio/video equipment.

Some of the most difficult installations involve older buildings that weren't designed for IT equipment. Cramped rooms, low doorways, narrow halls and steep staircases all make transporting and installing rack enclosures difficult, if not impossible. Knockdown rack enclosures ship flat, allowing convenient transport and quick reassembly. The detail work is already finished, so a knockdown enclosure can be assembled in 45 minutes or less.

## Withstand Harsh Conditions

NEMA-rated rack enclosures are suitable for harsh commercial/industrial environments, such as factories, construction areas, warehouses and other areas high in environmental moisture and debris. Available in 12U, 24U and 42U sizes, they help protect sensitive electronic equipment from harmful environmental conditions, including falling dirt, dust, drips and splashes.

Both NEMA-rated and seismic-certified enclosures offer heavy-duty, torsion-resistant construction that helps withstand movement and vibrations in harsh working environments. Seismic-certified enclosures are also tested to meet stringent requirements for use in the strongest earthquake zones.



Compact Rack Enclosures



Mid-Depth Rack Enclosure



Shallow-Depth Rack Enclosure



NEMA-Rated Rack Enclosures



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## SmartRack Wall-Mount Rack Enclosure Cabinets & Open Frame Racks



- 2U to 26U cabinets with a variety of depths
- Sturdy steel frame supports up to 500 lb. (varies by model)
- Locking cabinet for secure storage
- Hinged back for easy rear access to equipment and cabling (select models)
- Flow-through ventilation for equipment cooling
- Open frame racks from 2U to 22U
- Over 50 different ready-to-ship models

### Secure Equipment in Minimal Space

SmartRack wall-mount cabinets are perfect for locations with limited floor space. EIA-compliant rails mount standard 19" rack equipment. Sturdy steel construction is rated for loads up to 500 lb. Perforated front, top, bottom and sides keep equipment cool with flow-through ventilation. Locking cabinets secure equipment in general-access areas and support PCI-DSS compliance for payment card processing.

### Provide Convenient Access

Select enclosures include a sturdy hinge between the cabinet and the wall bracket, allowing the cabinet to swing away from the wall for easy rear access to equipment and cabling. Top and bottom panels include ports for cable routing. The front door opens wide and side panels are removable.

### Adapt to Diverse Applications

Cabinets are available in a variety of heights from 2U to 26U and a variety of depths optimized for equipment ranging from shallow patch

Cabinet Type	For Devices
Patch-Depth	Up to 13"
Switch-Depth	Up to 16.5"
Switch-Depth+	Up to 20.5"
UPS-Depth	Up to 24.5"
Server-Depth	Up to 32.5"

panels to deep 1U servers. They're also reversible to allow doors to open in either direction. Mounting rails support both square-hole and round/threaded-hole equipment mounting. Optional casters support floor-standing applications, allowing cabinets to roll under desks, tables or counters.

### Reduce Costs in Secure Areas

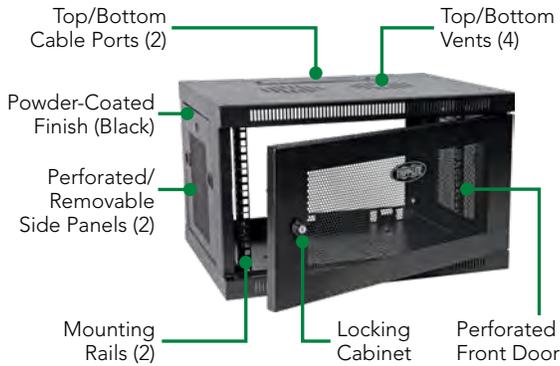
Wall-mount open frame racks provide sturdy, compact and economical equipment organization in secure areas.



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## Over 50 Different Ready-to-Ship Models Support Diverse Applications

6U Cabinet without Hinged Back



12U Cabinet with Hinged Back



### Switch-Depth Cabinets for Devices up to 16.5" Deep

- 6U, 9U, 12U and 21U cabinets with or without acrylic window
- 6U cabinets also available with white power-coated finish



### Switch-Depth+ Cabinets for Devices up to 20.5" Deep

- 10U, 12U, 15U, 18U and 26U cabinets with or without acrylic window
- 6U, 9U and 12U cabinets without hinged back



### Patch-Depth Cabinets for Devices up to 13" Deep

- 12U and 18U cabinets with or without acrylic window



### UPS-Depth Cabinets for Devices up to 24.5" Deep

- 12U, 18U and 26U cabinets with or without acrylic window



### Vertical-Mount Cabinets for Low-Profile Installation

- 2U, 4U, 5U, 6U, 12U and 16U cabinets hold devices up to 36" deep (varies by model)
- Cabinets extend only 4.5" to 24" from wall



### Server-Depth Cabinets for Devices up to 32.5" Deep

- 12U cabinets with or without acrylic window
- Low-profile side-mount cabinets available in 12U and 18U sizes



### Open Frame Racks for Devices in Secure Areas

- Expandable racks configurable as 8U, 12U or 22U available in several depths
- 12U racks available with pivoting or heavy-duty frame



### NEMA 12 (IP54) Cabinet for Harsh Environments

- 12U cabinet with fans and air filter for devices up to 20.5" deep

## SmartRack Open Frame Racks



- 12U to 45U 2-post racks
- 12U to 58U 4-post racks
- Sturdy metal frame supports up to 3,000 lb. (varies by model)
- Toolless mounting for vertical PDUs
- Simple assembly and self-squaring design
- Over 25 different ready-to-ship models

### Organize Equipment Economically

Open frame racks provide economical organization for servers and network/telecom equipment in secure areas. The open design facilitates cable routing and access for networking applications. Sturdy aluminum (2-post) or steel (4-post) frames include toolless mounting slots for vertical PDUs and cable managers.

**2-Post Open Frame Racks**

- 12U to 45U
- Hold up to 800 lb.

**4-Post Open Frame Racks**

- 12U to 45U
- Hold up to 1,000 lb.
- Optional casters

**Heavy-Duty 4-Post Open Frame Racks**

- 48U to 58U
- Hold up to 3,000 lb.
- Optional casters and side panels

**Premium Heavy-Duty 4-Post Open Frame Racks**

- 42U to 48U
- Hold up to 3,000 lb.
- Fully assembled
- Include casters
- Optional side panels



## SmartRack Custom Racks



- Floor-standing and wall-mount models
- Enclosures and open frame racks
- Customization available for small quantities
- Quick turnaround prevents project delays

### Tailor Solutions to Your Needs

If off-the-shelf models aren't quite right for your application, contact Tripp Lite for custom racks. Our in-house product management and engineering teams will work with you to create solutions to match your technical specifications, cost requirements, facilities, personnel and policies.

### Customize Key Features

Customizable rack features include height, width, depth, doors, roof, rails, side panels, casters, color, airflow, IP/NEMA rating, seismic rating, cable management, partitioning, shelves, locks, power and packaging. Custom racks can also be combined with our custom PDUs, UPS systems and cables.



#### 60U Open Frame Rack Customized for Global E-Commerce Data Center

- Holds 60U (48U of standard space plus 12U of vertical space at sides)
- Heavy-duty casters support rolling fully loaded with 3,500 lb.
- Rear channels house custom multi-input vertical PDUs



#### 60U Rack Enclosure Customized for Large Japanese Data Center

- Holds 60U (48U of standard space plus 12U vertical space at sides)
- Welded steel frame designed to survive an earthquake while loaded with 3,500 lb.



Spec it fast! Try our custom rack form at [www.triplite.com/custom-rack](http://www.triplite.com/custom-rack) or contact our application team at **773.869.1236** or [solutions@triplite.com](mailto:solutions@triplite.com).

## SmartRack Cooling Solutions



- Close-coupled air conditioning units provide highly efficient cooling
- Self-contained units can be installed by IT staff without outside help
- Versatile options provide row-based, rack-based or aisle-based cooling
- Passive and active airflow management solutions help prevent unwanted bypass airflow
- Chilled water cooling solutions cool medium- and high-density rack environments

### Cool Critical Systems

Cooling is essential to modern rack environments, but conventional perimeter and raised-floor cooling systems are expensive to operate and difficult to install, especially when retrofitted to existing facilities and smaller spaces. SmartRack air conditioning units offer an efficient, flexible, manageable alternative that reduces costs and simplifies installation. IT staff can install these plug-and-play units without outside assistance, quickly reconfigure them to respond to new challenges and manage them over the network like other IT resources.

### Manage Airflow

Airflow management prevents warm air recirculation. When warm "bypass" air from equipment exhaust recirculates and mixes with cooler intake air, it reduces cooling efficiency and performance. It can even cause equipment to overheat and shut down. Passive airflow management solutions, such as blanking panels, ducts and brush strips, physically block unwanted bypass airflow. Active airflow management solutions use fans to assist desirable airflow.



#### Close-Coupled, Self-Contained Air Conditioning Units

- 2K to 33K BTU/hr. cooling capacity
- Rack-mount, wall-mount, portable and row-based models
- All models support network management

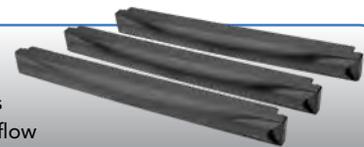


#### Thermal Duct Kit

- Adjustable overhead duct routes exhaust air to HVAC return
- Removes heat from enclosures and keeps equipment cool without using electricity

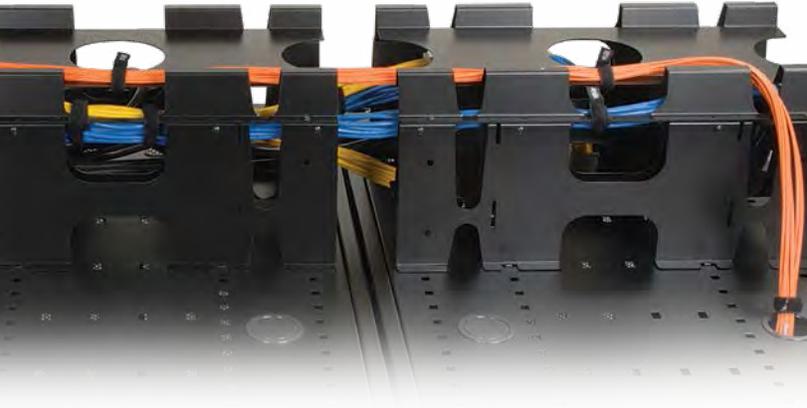
#### Blanking Panels

- Block unused rack spaces and unwanted bypass airflow



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## SmartRack Premium Rack Accessories



- Adapt racks to alternate applications and evolving IT requirements
- Keep cables organized and out of the way
- Store non-rack equipment on shelves
- Stabilize racks and mount various equipment
- Monitor security and environmental conditions

### Cable Managers

Vertical cable managers keep cables organized to help prevent airflow obstructions and facilitate changes. Horizontal cable managers route cables from vertical cable channels across the rack to equipment ports and patch panels. Overhead cable managers route cables between racks, across aisles and over open spaces.

### Shelves

Fixed, sliding and cantilever shelves store up to 250 lb. of non-rack equipment in 2-post and 4-post racks.

### Side Panels

Side panels cover open rack sides to prevent warm air recirculation, restrict access and streamline appearance.

### Configuration

Configuration accessories adapt racks for alternate or additional applications. For example, caster kits adapt wall-mount cabinets to floor-standing applications, allowing them to roll under desks, tables or counters.

### Mounting

Mounting hardware, brackets, rails, adapters and grounding kits help install equipment securely.

### Security & Environmental Monitoring

Network cards and environmental sensors allow intrusion detection and temperature/humidity monitoring through rack-mount UPS systems and PDUs.

#### High-Capacity Cable Managers

- Organize and secure large quantities of network cables



#### Rack Shelves

- Fixed, sliding and cantilever shelves for 2-post and 4-post racks





- Rack PDUs up to 28.8kW
- Rack consoles and KVM switches
- Rack-mount UPS systems up to 20kVA
- Copper and fiber patch panels
- Copper and fiber patch cables
- Large in-stock selection

## UPS Systems

Tripp Lite makes 300+ models of highly efficient UPS systems and battery packs.



## KVM/Console Solutions

Tripp Lite makes 50+ models of KVMs, rack consoles and IP console servers, with or without remote access and a built-in LCD monitor.



## Power Distribution Units (PDUs)

Tripp Lite makes 200+ models of basic, metered, monitored and switched rack PDUs, with or without ATS.



## Patch Panels

Tripp Lite makes 100+ copper and fiber patch panel solutions, including modular patch panels, and 800+ different copper and fiber patch cables.



Tripp Lite manufactures over 3,500 different IT solutions. See the complete line at [www.tripplite.com](http://www.tripplite.com).

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**Tripp Lite World Headquarters**  
 1111 W. 35th Street, Chicago, IL 60609 USA  
 773.869.1236 • [www.tripplite.com](http://www.tripplite.com)