

Article Overview

A 42U network rack typically accommodates standard 19-inch rack equipment, with heavy-duty steel construction, lockable doors, adjustable mounting rails, and ventilation for optimal airflow.

Dimensions and Weight

- o Height: 42U (~2,000-2,320 mm / 78.7-91.3 inches) depending on model and inclusion of casters .
- o Width: Standard 600-800 mm (23.6-31.5 inches), .
- o Depth: 650-1,000 mm (25.6-39.4 inches), .
- o Weight: Ranges from 164 kg (361 lb) for UniFi 42U to up to 1,360 kg maximum stationary load for heavy-duty models like Tripp Lite SRX42UB .

Materials and Construction

- o Frame: Heavy-duty steel (SPCC or CRCA) or aluminum alloy for high-strength models .
- o Panels: Removable side panels, perforated or vented doors for airflow, often lockable .
- o Finish: Powder-coated for durability and corrosion resistance .
- o Mounting Rails: Adjustable 19-inch vertical rails, often with 10 mm square or M6 tapped holes, compatible with DIN 41494 standards .

Load Capacity

- o Stationary Load: Up to 1,360 kg (3,000 lb) for heavy-duty server racks .
- o Rolling Load: Typically around 1,020 kg (2,250 lb) with pre-installed casters .

Ventilation and Cooling

- o Vented Doors: Front and rear perforated doors for airflow .
- o Fan Modules: Optional or built-in fan units, often temperature-controlled to activate above 35°C (95°F), .
- o Cable Management: Top and bottom openings for cable routing, with toolless PDU and vertical cable manager installation .

Mobility and Installation

- o Casters: Lockable and removable for easy positioning .
- o Levelers: Adjustable feet for stability on uneven floors .
- o Baying: Built-in brackets allow multiple racks to be aligned in a row, center-to-center width typically 600 mm to match standard data center tiles .

42u Network Rack Parameters

Additional Features

- o Security: Lockable front, rear, and side panels to prevent tampering .
 - o Access: Quick-release panels and doors for easy equipment installation and maintenance .
 - o Compatibility: Supports standard 19-inch rack-mount equipment, PDUs, and cable management accessories .
- 42U network racks are widely used in data centers, server rooms, and network closets, providing a balance of high-density equipment housing, robust construction, and efficient airflow management. They are available in multiple depth and width configurations to suit different equipment and space requirements .

42U Rack Specification In the realm of data center infrastructure, the physical housing of computing equipment plays a pivotal role in

A practical 42U server rack buying guide: dimensions, width/depth selection, static vs dynamic load rating, and cooling. Includes an

42U 800x1100mm GR800-Series Network & Server Cabinet As a server cabinet, suggesting distance between the front rail and rear

Discover our selection of 42U network racks. ? 19" 42U Enclosed & Open frame

Technical data sheet for Rittal 42U Server Cabinet Front door with perforation in honeycomb structure or made of 3 mm tempered

Our 42U server rack cabinet has a glass front and perforated French rear doors to facilitate airflow. Quick-release, lockable side

42u-network-and-server-cabinet-datasheet - Free download as PDF File (.pdf), Text File (.txt) or read online for free.

Compare the best 42U server racks for data centers, IT rooms, and enterprise deployments. Learn how to choose the

Common server rack sizes are 19-inch width, heights like 42U or 48U, and depths from ~24? to 48?. Choose size

Size and weight specifications Learn about the size and weight specifications for your racks. The 42U racks and 42U

42u Network Rack Parameters

The 42U 19" 2-Post Open Frame Network Rack from Intellinet Network Solutions is your simple, cost-effective way for housing IT

re delivered in the color RAL 9011 (black). The rack is equipped with 2 cable trays which are mounted left and right at the back of the

The 42u rack cabinet is the standard cabinet option that most offices have today to keep their servers safe.

42U Network Cabinet: The Core Carrier for Building Efficient Network Architecture, Gometal is China manufacturer &

This digital data sheet provides detailed information about HPE ARCS 42U 800x1600mm Rack

Eaton RE Series IT Rack 27U & 42U Technical Specifications Eaton RE series IT racks deliver essential protection for critical IT

Web: <https://www.millstraining.co.za>

