

42u network cabinet weight



AI Overview

A standard 42U network cabinet typically weighs between 133 kg (293 lbs) and 164 kg (361 lbs), depending on model, materials, and whether casters or panels are included. Typical Weight Ranges UniFi 42U Rack Cabinet: 164 kg (361 lbs) for the rack itself; packaged weight 209 kg (460 lbs) including shipping materials and accessories. All-Rack 42U Floor Standing Cabinet: 133 kg (293 lbs) net weight, including castors and standard panels. Eaton 42U SmartRack: Weight varies with configuration, but the cabinet can support up to 1,360 kg (3,000 lbs) stationary; rolling weight capacity is 1,020 kg (2,250 lbs), indicating the cabinet itself is significantly lighter than its load capacity. Factors Affecting Weight Material: Most 42U cabinets are made from SPCC or cold-rolled steel, with thicknesses ranging from 1.2 mm for doors/panels to 2 mm for main posts. Casters: Cabinets with lockable casters are slightly taller and heavier than fixed-base models. For example, UniFi's 42U rack with casters is 2,135 mm tall versus 2,000 mm without casters. Doors and Panels: Lockable, removable steel or glass doors add weight. Some models have half-size side panels to reduce handling weight. Accessories: Built-in fans, vertical PDUs, and cable management rails can add additional weight, though typically minor compared to the cabinet frame. Summary For planning purposes, a 42U network cabinet generally weighs between 130-165 kg (290-360 lbs) when empty. Fully loaded with equipment, the total weight can exceed 1,000 kg (2,200 lbs) depending on the installed hardware. Always consider the weight when moving cabinets, using elevators, or installing on raised floors.

Article Content

Size and weight specifications

IBM® PureFlex® System 42U Rack and Expansion Rack weights. Learn about the size and weight specifications for your racks.

42U Server Rack, Euro-Series – Expandable Cabinet, Standard Depth ...

Constructed from heavy-duty steel with a durable black powder-coated finish, the SRX42UB has a maximum stationary load capacity of 1360 kilograms and a maximum rolling load capacity of 1020

42U SmartRack Wide Standard-Depth Rack Enclosure Cabinet with

Weight ratings of 3000 lbs (1360.8 kgs) stationary and 2250 lbs (1020.6 kgs) rolling. Front door is locking, reversible and removable. Rear doors are locking and reversible. Split rear door design

Data Center Cabinets and Server Rack Cabinets

Servers and Network Cabinets Server cabinets provide secure housing for IT equipment in data centers, telecom rooms, and enterprise networks. These cabinets support airflow management, cable routing,

UniFi 42U Rack Cabinet

Overview Dimensions Packaging: 850 x 1,200 x 2,320 mm (33.5 x 47.2 x 91.3") Rack with caster: 600 x 1,000 x 2,135 mm (23.6 x 39.8 x 84") Rack without

IP66 Rated Weatherproof Outdoor Network Cabinets

Discover IP rated (NEMA) outdoor network cabinets designed for superior protection and durability for your network infrastructure in harsh environments.

Rack cabinet ALLNET ALL-SNB6142BDGRAU 42U | AiO.lv

Description Floor-mounted 42U rack cabinet ALLNET ALL-SNB6142BDGRAU in grey provides an enclosed, secure mounting space for network and server equipment in data centers, server rooms

42u racks | Newegg

StarTech RK4236BKB 42U Server Rack Cabinet - 36 in Deep - Network Rack - Server Cabinet - Computer Rack - Server Enclosure - Equipment Rack Type: Rack Enclosure Color: Black Weight

STANDING RACK CABINET EPRADO-R19-42U/800X800

The EPRADO-R19-42U/800X800 cabinet is suitable for mounting all sorts of devices in standard 19" rack housings. Ideal solution for installing DVRs, power units,

Server Racks & Cabinets

RackSolutions has been manufacturing high quality server racks and cabinets for over 20 years. Whether you need a single rack at home or a thousand in a data

Server Racks | Server Management | StarTech

StarTech Server Racks offer durable construction that ensures a stable platform for valuable network and server equipment. Our wide range of server racks includes unique wallmount and small

Rittal 42U Server Cabinet Datasheet | PDF | Door | Sheet Metal

The Rittal 42U Server Cabinet features a perforated transparent door, universal rails, and a multi-piece roof panel for cable entry, designed for server and network applications. It has dimensions of 2000

How to Choose AI-Ready Network Server Cabinets

Learn how to select high-density, liquid-cooling-ready server cabinets—covering thermal management, SPCC steel specs, 42U/48U modularity, and weight capacity for AI workloads.

Our 10 Best 42u Rack in the US

StarTech 42U Enterprise-Grade Server Rack Cabinet, Alloy Steel, 19in Enclosed 4-Post Rack with 36in (91cm) Mounting Depth and 2000lb (900kg) Weight Capacity, Black

9 Best 42U Server Rack | 42U Racks That Won't Sag Under Load

Stacking a fully loaded 42U rack only to watch the frame bow under the weight of your UPS, switches, and patch panels is a costly mistake that IT admins and homelab builders make exactly once.

Network cabinet placement and wiring tips

Network cabinet placement and wiring tips Many network devices are stored in the cabinets. In order to meet the normal operation of these devices in the cabinets, when the computer

42U Server Rack Cabinet: Dimensions, Features & Selection Guide

Empty enclosed 42U rack cabinets: 275-350 lbs depending on construction, door style, and if it is shipped w removable side panels. Loaded total weight can be anywhere from 1,000 to 1800 lbs for a

42U Server Rack Cabinet

42U Enterprise-Grade Server Rack Cabinet, 19in Enclosed 4-Post Rack with 36in (91cm) Mounting Depth and 2000lb (900kg) Weight Capacity Securely store servers, network and telecommunications

Server Cabinets, Server Racks & Data Center Solutions | Tecmojo

Manufacturer of enterprise server cabinets, server racks & network cabinet solutions for data centers and IT infrastructure. Custom configurations, U.S. inventory and dedicated support.

Network cabinet Digitus DN-19 42U-6/6-D

What is the weight capacity of the DN-19 42U-6/6-D? The static load capacity is up to 800 kg (1764 lbs) when properly installed on a level floor.

42U Network Cabinet Buying Guide 2026

The 42U network cabinet remains the industry standard, holding a 54.2% market share in 2026. Current trends show a rapid pivot toward AI-ready cabinets that support heavy loads (>1,500 kg) and

24U Server Rack Buying Guide 2026

42U 19inch Metal Server Network Cabinet Factory Supply Standing Enclosure 18U 24U 32U 37U 600x1000 \$137.50-139 5.0(931) MOQ: 2 units 24U

Data Center Server Rack Guide (2026): Types, Design,

Learn everything about data center server racks—definitions, rack types, airflow design, power integration, cable management, and a full buying guide for 2026.

SR42UB | Eaton Tripp Lite series SmartRack rack enclosure | Eaton

SmartRack 42U Standard-Depth Rack Enclosure Cabinet with Doors and Side Panels 42U rack constructed from powder-coated steel that stands up to tough environments

Server Rack Sizes & Dimensions Guide 2026

Common server rack sizes are 19-inch width, heights like 42U or 48U, and depths from ~24" to 48". Choose size based on equipment type, cooling, space, and future growth.

Server Racks

Store your server or networking equipment in these server racks and cabinets in free-standing and wall-mount options and open and closed designs.

12 Best Equipment Racks (July 2026) Hi-Fi, AV, Server & Studio Picks

Find the best equipment racks in 2026. We tested 12 models for hi-fi, home theater, server rooms, and studios. Compare top brands and find your perfect rack.

42U Rack Dimensions & Specifications | AZE

Rack dimensions, weight capacities, rack height and rack features of the most popular 42U server rack enclosures from the leading manufacturers. Almost all data centers have

ROLINE 26.21.0211 rack cabinet

ROLINE 19-inch network cabinet Basic 42 U, 600x600 WxD glass door black. Type: Freestanding rack, Rack capacity: 42U, Maximum weight capacity: 600 kg, Adjustable feet, Rack rails, International

Contact Us

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