

4U Network Cabinet Weight Overview



AI Overview

A typical 4U wall-mount network cabinet weighs between 20–70 lbs (9–32 kg) and supports equipment loads up to 150 lbs (68 kg), depending on construction and materials. Weight and Load Capacity 4U network cabinets are designed to house standard 19-inch rack equipment such as switches, patch panels, and small servers. The Eaton SmartRack 4U wall-mount cabinet, for example, is constructed from heavy-duty steel and has a maximum load capacity of 150 lbs (68 kg) while the cabinet itself weighs significantly less, typically around 20–40 lbs depending on the model and accessories included. Other manufacturers, such as Avalon and Siemon, offer similar wall-mount 4U cabinets with comparable weight ranges and load capacities, optimized for secure mounting and cable management.

Construction and Material Considerations Most 4U cabinets are made from powder-coated steel, which provides durability while keeping the cabinet relatively lightweight. Wall-mount designs are often low-profile, extending only 8–12 inches from the wall, which reduces overall weight and space requirements. The weight of the cabinet itself is influenced by factors such as:

- Steel gauge and thickness
- Inclusion of doors, locks, and vented panels
- Integrated cable management or mounting brackets

Installation Implications Because 4U cabinets are wall-mounted, the combined weight of the cabinet and installed equipment must be considered when selecting wall anchors and mounting hardware. Overloading a cabinet beyond its rated capacity can lead to structural failure or instability. Lightweight cabinets are easier to install and reposition, while heavier-duty models provide higher load capacity for more demanding applications.

Summary

Parameter	Value
Cabinet weight	Typically 20–70 lbs (9–32 kg)
Maximum equipment load	Up to 150 lbs (68 kg) for heavy-duty steel models
Height	4U = 7 inches (177.8 mm)
Depth	Varies by model, commonly 12–20 inches
Material	Powder-coated steel for durability and moderate weight
Mounting	W...

Article Content

4U Server Rack Cabinet, Low-Profile, Side-Mount, Wall-Mount | Eaton

Features Space-Saving 4U Wall-Mount Enclosure Houses 19 in. Rack Equipment up to 29.4 in. Deep This SmartRack® cabinet is designed to house 4U of equipment, such as network switches and

SmartRack 4U Low-Profile Side-Mount Wall

Square and 12-24 threaded mounting holes and numbered rack spaces make equipment installation easy. The vertical mounting rails adjust in 7/8-inch increments to accommodate equipment up to 29.4

6kVA Double-Conversion UPS System, 4U, Network Card Slot, USB

Tripp Lite series SmartOnline 208/240 & 120V 6kVA 4.2kW Double-Conversion UPS, 4U Rack/Tower, Extended Run, Network Card Options, USB, DB9 Serial, Bypass Switch

4U Server Rack Cabinet, Vertical-Mount, Switch-Depth,

Overview The SRWF4U SmartRack 4U Low-Profile Vertical-Mount Switch-Depth Wall-Mount Rack Enclosure Cabinet is designed to house EIA-standard 19-inch

TECHNICAL DATA SHEET SERVER CABINET

els, routers and storage equipment. The cabinets are used to bring together IT equipment and the corresponding cables neatly in one place. The server cabinets have everything to facilitate this in the be t

4U Server Rack Cabinet, Vertical-Mount, Server-Depth, Wall-Mount

Overview The SRWF4U36 SmartRack 4U Low-Profile Vertical-Mount Server-Depth Wall-Mount Rack Enclosure Cabinet is designed to house EIA-standard 19-inch rack equipment in network wiring

StarTech 4U Blank Panel for 19 inch Rack

Tech overview 4U blank panel will fit 19 inch network/server racks/cabinets - Incl. 2 sets of M6 cagenuts/screws to mount spacer/filler - Width: 19in - Height: 4U (7in) - Blanking panel made with

4U Wall Mount Network Rack Cabinet 2026

Find reliable 4u wall mount network rack cabinets with steel construction, cooling fans, and electronic locks. Click to explore verified suppliers, customizable options, and competitive pricing for

Vatrer Server Rack Network Cabinet with

With a 4U rack space and dimensions of 25"Lx25"Wx37.8"H, it provides sufficient room for your battery packs and networking gear. Weighing 106.92 LB, it

Understanding 2U vs 4U Servers: Key Differences and

Explore the differences between 2U and 4U servers, including rack sizes and chassis options, to optimize your server setup for your IT infrastructure

Netrack ECO-Line 19" Rack 4U Cabinet

This document provides details about a Netrack ECO-Line Rack 19-inch, 4U/350mm rack cabinet including product features, description, technical parameters, packaging details, product details, and

NavePoint 4U Vertical Server Rack Enclosure, Low Sri Lanka | Ubuy

Shop NavePoint 4U Vertical Server Rack Enclosure, Low Profile, 27.5 Deep, Max Weight Capacity 132 lbs - 4U Network Cabinet Vertical Wall Mount, Perforated, Black online at a best price in Sri Lanka.

Why Server Rack Size Matters: Choosing the Right Rack for Your

Discover how to select the correct server rack size for your data center or network room. Learn standard dimensions, U-units, depth, weight capacity, airflow, and common mistakes to avoid costly rework.

SmartRack 4U Low-Profile Vertical-Mount Server-Depth Wall-Mount

Description The SRWF4U36 SmartRack 4U Low-Profile Vertical-Mount Server-Depth Wall-Mount Rack Enclosure Cabinet is designed to house EIA-standard 19-inch rack equipment in network wiring

4U 600 x 450

These racks are multi-functional rack enclosures designed to meet current IT market trends and applications ranging from high density computing and networking to broadcast and audio-video.

SmartRack 4U Low-Profile Vertical-Mount Switch-Depth Wall-Mount

Constructed from heavy-duty steel with a durable black powder-coated finish, the cabinet has a maximum load capacity of 150 lbs (68 kgs). Because the low-profile cabinet mounts vertically, it

4U Server Rack Cabinet, Low-Profile, Side-Mount, Wall-Mount | Eaton

Secures and organizes 4U of rack equipment up to 29.4 in. deep in network closets and other locations with limited floor space. This SmartRack® cabinet is designed to house 4U of equipment, such as

Find Great Deals on 4u cabinet

Premiumsun 4U wall mount network cabinet are a great cost-effective solution for smaller networking installations. Due to the smaller size and the cabinet being wall mountable, installers can save the

What Is a 4U Network Rack? Dimensions, Use Cases & Wall-Mount Tips

Confused about 4U rack height, depth, weight capacity, or wall-mount safety? This guide explains exact measurements, real-world mounting requirements, load limits, and how to avoid

4U Server Rack – 19 Inch Data & Network Cabinets

A 4U rack is a server rack that occupies 4 units (U) of vertical space. These racks are commonly used for mounting servers, networking equipment, and other devices in data centers or server rooms.

4U Server Rack Cabinet, Vertical-Mount, Switch-Depth, Wall-Mount

Because the low-profile cabinet mounts vertically, it extends only eight inches from the wall while housing equipment up to 20 inches deep, including network switches and patch panels.

Eaton Tripp Lite Series SmartRack 4U Low-Profile Vertical-Mount

Know your gear The SRWF4U36 SmartRack 4U Low-Profile Vertical-Mount Server-Depth Wall-Mount Rack Enclosure Cabinet is designed to house EIA-standard 19-inch rack equipment in

19-Inch Rack Size and Dimensions Explained: The Complete Guide to ...

Discover the essential guide to 19-inch rack sizes and dimensions for servers and rackmount PCs. Learn about standards, specifications, and best practices today!

24U Server Rack Buying Guide 2026

High Quality 19 Inch 22U 24U Network Cabinets Cold Rolled SPCC Steel 42U 6U 12U 4U 9U 27U 32U Stock Floor Type Server Cabinets \$125.50-159.50 5.0(260) MOQ: 10 sets 24U

4U 600 x 450

4U 600 x 450 - Wall Mount - Single Section Cabinet Avalon Cabinets are feature-rich rack enclosures optimized for easy installation, managing cables, integrating power distribution, and maximizing

DIGITUS 19-Inch Equipment Wall Mounting Bracket, 4U

19-Inch Equipment Wall Mounting Bracket, 4U - The 19-inch mounts from DIGITUS® enable vertical positioning of your equipment on the wall. This is especially ideal for limited spatial conditions.

4U Server Rack – 19 Inch Data & Network Cabinets

What equipment can be stored in a 4U server rack? The 4U cabinet can accommodate a variety of IT equipment, such as servers, network switches,

Contact Us

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