Weight of a 1 2-meter network cabinet

Overview

Racks and Enclosures Technical Specifications | ServerLTNetwork Enclosures Specifications: Information on size variations, security features, and environme.

Key Takeaways

A standard 1. 2-meter (approximately 42U) network cabinet typically weighs between 50 and 80 kilograms when empty.

Empty Cabinet Weight

Most 1. 2-meter network cabinets, which are commonly 19-inch enclosures, are constructed from welded steel or similar materials. According to Hubbell specifications, network cabinets with full welded steel construction can support static loads up to 2,000 pounds, and empty cabinets of this size generally weigh 50–80 kg depending on the manufacturer and design features such as perforated doors, side panels, and cable management accessories.

Legrand server cabinets of similar height also fall within this weight range.

Populated Cabinet Weight

The total weight increases significantly when equipment is installed. A fully populated 1. 2-meter cabinet with servers, switches, and PDUs can easily exceed 200–300 kg, depending on the number and type of devices.

It is important to consider the floor load capacity and handling equipment when planning installation.

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

Material and Design Considerations

Steel vs Aluminum: Steel cabinets are heavier but more robust, while aluminum cabinets are lighter but may have lower load capacity. Perforated Doors: Cabinets with perforated front and rear doors for airflow may weigh slightly less than solid-door models. Accessories: Cable management trays, casters, and airflow management packages add additional weight.

Practical Implications

When planning installation or transport, always account for the empty cabinet weight plus the expected equipment load. For a 1. 2-meter cabinet, ensure that lifting equipment or trolleys can safely handle up to 300 kg if fully populated.

In summary, a 1. 2-meter network cabinet weighs roughly 50–80 kg empty, with the total weight increasing substantially once IT equipment is installed.

Frequently Asked Questions

What is the width and depth of a server rack?

The standard width for a server rack is 19 inches, the most common size for rack-mounted IT equipment. The depth of server racks can vary, typicall...

What size is a server rack cabinet?

Server rack cabinets come in various sizes, but the standard width is usually 19 inches. The height is measured in rack units (U), typically 24U, 4...

What is the size of a standard rack unit?

A standard rack unit, abbreviated as "U," is 1.75 inches (44.45 mm) tall. This unit of measurement is used to describe the height of equipment inte...

What are the dimensions of a 42U rack?

A 42U rack typically has a height of 73.5 inches (approximately 186.69 cm), as each U is 1.75 inches. The standard width is 19 inches, and the dept...

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

Article Content

Racks and Enclosures Technical Specifications | ServerLT

Network Enclosures Specifications: Information on size variations, security features, and environmental protection for indoor and outdoor network enclosures.

Server Rack Cabinets Sizes: Depth, Width, & Height Explained

Get a comprehensive guide on server rack cabinet sizes and dimensions. Understand the depth, width, and height requirements to fit your IT needs.

TECHNICAL DATA SHEET SERVER CABINET

that the Legrand cabinet provides. They come as a set of 10 pieces and can be mounted either on the frame (top& bottom) or on the roof. Thanks to the use of velcro you can easily put together a set of

Server Racks and Cabinet Sizes | Server Room Environments

Explore server racks and cabinets for network servers in server rooms and data centres. Various sizes available for optimal storage solutions!

SERVER AND NETWORK RACKS 42U & 46U FLATPACK

Where pre-assembled racks can not be mounted due to logistical limitations, flatpack is the ideal solution! Due to slim packaging (500 mm) 2 racks in 1 load meter Easy transportation Fast assembly

A Guide to Server Rack Sizes for Data Centers

Server rack size – also known as cabinet size – refers to the total size of the racks that house servers in a data center or other hosting facility. Rack size is important because it determines

Server Racks and Their Sizes

The size of the rack will depend on several factors, starting with the size and type of business activity of the company, which will determine the real needs regarding the number of devices for networking,

Home Networking Cabinet Size Guide: How to Choose the Right

Standard networking cabinets typically support between 1,000 and 2,500 pounds of equipment, but you must verify this against your actual needs. Here''s how to calculate your weight requirements.

INTELLINET Network Cabinets, Racks, Swing Out

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

Intellinet Network Solutions'' network cabinets and open frame racks present a versatile and all-encompassing solution for your network installation needs.

Network Cabinets Enclosures

Removable top and side panels ty construction and design. Hubbell''s network cabinets combine a static load rating of up to 2,000 pounds with full welded steel construction. The enclosures provide a solid

What Is a Network Cabinet? Rack Units, U Height & Sizes

Learn what a network cabinet is, how rack units and U height work, and how to choose the right cabinet size, depth, airflow, and expansion space.

Latest Videos | CNN

New York officials said they are “confident” that installation of temporary shoring on a high-rise in Midtown Manhattan has stabilized the building after officials warned of a partial collapse ...

12U Wall Mount Network Cabinet

FS wall mount network cabinet consists of convenient cable access openings, top cooling vents, vented glass front door, lockable/removable side panels and 4 vertical posts.

Network Cabinets Enclosures

Hubbell''s H2 network cabinets feature the latest in high quality construction and design. Hubbell''s network cabinets combine a static load rating of up to 2,000 pounds with fully welded steel

12U Server Rack Cabinet, UPS-Depth, Wall-Mount | Eaton

Wall-mount cabinet secures and organizes 12U of 19-inch rack equipment in network closets and other locations with limited floor space. Houses UPS

Product ID: RK12WALHM 4-Post 12U Wall Mount Network Cabinet

Product ID: RK12WALHM This 12U server or network rack cabinet lets you mount your EIA-310 compliant equipment to the wall, in a secure enclosure that has a hinged rear door for easy access to

StarTech 4-Post 12U Wall Mount Network Cabinet with 1U

About this item 4-POST 12U RACK CABINET: Wall-Mount Server Rack w/ adjustable mounting depth 2.4" to 20" (6,0cm to 50,8cm) is ideal for installing network switches, patch panels and other rackmount equipment in your warehouse, home / office, store location or server room EASY ACCESS: Wall

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

Dimensions and specifications of server cabinets

Dimensions and specifications of server cabinets, Gometal is China manufacturer & supplier who mainly produces network cabinet, network rack, Server cabinet, Server rack with 10

Contact Us

Continue your research online:

Website: https://alfa-pro.co.za
Technical inquiry: https://alfa-pro.co.za/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved