Network Rack Top Cover Dimensions



Overview

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.

Key Takeaways

Network rack top covers are typically designed to match standard rack widths of 19 inches, with depths ranging from 600mm to 1200mm, and are made from high-quality steel to support airflow and equipment safety.

Standard Dimensions

Width: Most network racks, including the top cover, conform to the 19-inch EIA-310 standard for mounting rails, with the external width of the cover varying by manufacturer. Common external widths are 600mm (23. 6 inches) for standard racks and 750mm (29.

5 inches) for wide racks. Depth: Top covers are designed to match the rack depth, which typically ranges from 1070mm to 1200mm, depending on whether the rack is standard or deep form factor. Height: The top cover itself is usually low-profile, often 1U to 2U in height, sufficient to enclose the top of the rack while allowing for ventilation and cable entry.

Material and Construction

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Material: High-quality SPCC steel or aluminum is commonly used for durability and load-bearing capacity. Finish: Powder-coated finishes in black (RAL 9011) or white are standard, providing corrosion resistance and aesthetic consistency. Load Capacity: While the top cover is not typically load-bearing for heavy equipment, it is designed to support light accessories such as cable management trays or small PDUs.

Features and Specifications

Ventilation: Many top covers include perforations or louvers to enhance airflow and maintain proper cooling within the rack. Cable Management: Some designs allow for cable entry points or knockouts to route network and power cables neatly. Compatibility: Top covers are compatible with 42U, 45U, and 48U racks, and can be used with both standard and wide/deep form factors.

Security: Lockable top covers are available for racks requiring restricted access to internal cabling.

Summary

When selecting a network rack top cover, ensure it matches the rack width and depth, supports adequate airflow, and is made from durable steel or aluminum. Standard options accommodate 19-inch mounting rails, with depths from 600mm to 1200mm, and are compatible with common rack heights such as 42U and 48U. Additional features like ventilation, cable management, and lockable access enhance functionality and security.

Article Content

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 Rack Sizes: The Complete Guide to Standard,

Below is a comprehensive, fully detailed guide covering all standard server rack sizes, form factors, height considerations, depth classifications, and

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

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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!

19-inch rack

Each module has a front panel that is 19 inches (482.6 mm) wide. The 19-inch dimension includes the edges or ears that protrude from each side of the equipment, allowing the module to be fastened to

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.

RackSolutions Rack Top for Open Frame Rack-111

Enhance your Open Frame Rack-111 with a top that allows you to fight debris and dust while maintaining the ability to pass through cables. The closed top is particularly useful for short racks as it allows for

APC NetShelter SX, Server Rack Enclosure, 42U,

Ready for medium to high density environments. An industry standard server rack with height designed to easily fit through standard doorways.

Space requirements and system cabinet dimensions

The following illustrations show top and bottom views of the system cabinet, and identify the openings through which you can run cable bundles from the floor of your data center into the system cabinet.

Server Rack Buying Guide | Eaton

Top Server Rack Features Provide organization and security for critical equipment Server racks have sturdy steel frames and locking cabinets to secure and

A Guide to Selecting the Right Server Rack Size

Server racks are essential in administration, and operation departments, server rooms, and even in our homes. Choosing the appropriate

APC NetShelter SX, Server Rack Enclosure, 42U, Black, 1991H x

Schneider Electric USA. AR3100 - APC NetShelter SX, Server Rack Enclosure, 42U, Black, 1991H x 600W x 1070D mm .

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Server Rack Sizes: Understanding the Differences

Which Server Rack Size is right for me? Now that we have covered all the different elements that make up the size of your server rack, you must consider your overall set-up and your

Network Rack Cabinets

Network Rack Cabinets are frame structures used for housing standard 19 inch rack-mount equipment servers. Other devices such as routers, UPS'' and audio/video gear can also be housed. They allow

Product Summary

Product Summary D-Link Wall Mount Enclosures specially designed for small networking, domestic applications, Audio Video, Telecom and Lab applications.

Understanding Rack Units (U) in Server Racks [July 2026]

A “Rack Unit” (U) is a standard height measure for mounting equipment in a server rack. One U = 1.75 in (44.45 mm). This article explains

4U Wall Mount Rack Patch Panel Bracket with Top Cover

TOP COVER: Besides foldable as other brackets, this 12“ Deep Shallow Server and IT Equipment Rack is with top cover like an open wall mount cabinet for dustproof and holding small objects on the top. 12" DEEP: This 4U Wall Mount Network Rack is 12" depth, t at is suitable for shallow server and IT equipment,

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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