

Standard 42u Network Rack Parameters



Overview

Packaging: 850 x 1,200 x 2,320 mm (33. 05") Main body/posts: 2 mm. How to Choose a 42U Server Rack Cabinet for Your Data Center or Server Room Quick Specs - 42U Server Rack Cabinet Overview A fully loaded 42U server rack cabinet has the capacity for over 3000 lbs of networking equipment, averages 5. 7 kW per rail of power while fitting into a modest 78 inch tall. 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. Most IT environments default to 42U, 19-inch width, and 1000-1200 mm depth unless space constraints or special equipment dictate. The 42U Universal Server Rack is compatible with a wide variety of servers and rack mountable networking equipment, including Dell, HP / Compaq IBM, and Sun products. Use the interactive rack selector below to get a recommended spec in seconds.



Article Content

Nov 26, 2025

SmartRack 42U Standard-Depth Standard-Width Heavy-Duty Rack

Heavy-Duty 42U Rack Cabinet Accommodates Servers Used in AI Applications This SmartRack® 42U rack enclosure is constructed from heavy-duty steel 2.5 millimeters thick with reinforced structural

Oct 21, 2025

SmartRack 42U Standard-Depth Rack Enclosure Cabinet with Doors

Constructed from heavy-duty steel with a durable black powder-coated finish, the SR42UB has a maximum stationary load capacity of 3000 pounds (1363 kilograms) and a maximum rolling load

Feb 07, 2026

Standard Rack Size

Discover the standard height of a 42U server rack and understand its importance in data centers and network infrastructure.

May 11, 2026

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

A fully loaded 42U server rack cabinet has the capacity for over 3000 lbs of networking equipment, averages 5.7 kW per rail of power while fitting into a modest 78 inch tall package – and will still allow

Jan 18, 2026

UniFi 42U Rack Cabinet

Fully assembled floor rack with built-in fans, removable panels, and lockable casters, engineered for optimal airflow, heavy-duty stability, and easy equipment

Jan 04, 2026

42U Rack and PDU Specifications Guide

The document describes specifications for 42U racks and PDUs. It outlines requirements for 175 DC racks, 20 network racks, and 14 telco racks of size

Mar 09, 2026

42U Server Racks: Different Racks with Their

42U Rack Mount Internet/Network Server Cabinet: Material: Cold Rolled Steel Self
Dimension: 24.5" W x 39.5" D x 81.5" H Weight Holding

May 02, 2026

StarTech 42U Server Rack Cabinet

Product description This 42U server rack cabinet provides secure storage space for storing EIA-310 compliant 19in rack-mount devices such as Dell, HP and IBM

Sep 01, 2025

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

Dec 13, 2025

Server Rack Sizes & Dimensions Explained: The Ultimate Guide to

Discover essential information on server rack sizes and dimensions, including heights, widths, and depths, in our ultimate guide. Optimize your setup today!

Sep 13, 2025

42U Server Rack Buying Guide: Dimensions, Load Rating & Cooling

Buying a 42U server rack isn't just about height. Choose the right width, depth, static/dynamic load rating, and airflow so your rack runs cool, stays serviceable, and scales for future expansion. Use the

Jan 10, 2026

Network Cabinet Sizes: 42U to 48U Standards Explained

Discover the latest network cabinet sizes, from standard 42U to emerging 48U and deep-rack trends. Learn key dimensions, industry standards, and why 48U is becoming the new baseline for data centers.

Oct 01, 2025

Size and weight specifications

Learn about the size and weight specifications for your racks. The 42U racks and 42U expansion racks conform to the Electronic Industries Association (EIA) standard EIA-310-D Cabinets,

Jan 10, 2026

Network Rack Cabinets

Features & Specifications Standard 19" Network Rack Cabinets. Available heights include: 18U, 22U, 27U, 32U, 37U and 42U. Easy access removable side panels. A surface finish featuring Degrease,

Jul 26, 2025

Server Rack Sizes & Dimensions: Depth, Width, & Height

Server rack size & dimensions are important considerations for implementation. We explore standard server rack sizes, including depth, width, & height.

Jul 05, 2025

42U Rack Dimensions, Cabinet Size, & Specifications

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

Jul 11, 2025

Standard Server Rack Dimensions: Depth, Width,

Discovering the Essentials: Server Rack Dimensions Unraveled! ☐☐ Demystify Server Rack Size & Standard Dimensions ☐☐ Exploring Network Rack

Jul 12, 2025

Server Rack Sizes & Dimensions Guide 2026

For most IT environments, a 42U, 19-inch rack with at least 1000 mm depth provides a reliable baseline. However, ceiling clearance, cable routing space, and weight load must always be

Sep 16, 2025

Understanding 1U, 2U, ... 18U, 42U: What They Mean

Discover the significance of "U" units in network server accessories—from 1U to 42U—and learn the essential technical parameters behind server rack design.

Oct 25, 2025

TS IT Rack Guide Specifications

7.2 universal mounting rails support installation of industry standard 19" rack mount server, network and electronic components, infinitely depth variable attached to depth stays. 7.3 The attachment of the

Jul 13, 2025

SmartRack 42U Standard-Depth Rack Enclosure Cabinet with Doors

Standard-Depth 42U Server Cabinet Accommodates 19 in. Rack Equipment This SmartRack® 42U rack enclosure is designed for server rooms, IT closets, micro data centers, edge computing applications

Nov 16, 2025

42U Wide Server Rack, Euro-Series

SmartRack® 42U server rack is designed for network wiring closets, retail locations, classrooms, back offices and other areas with essential rack-mount IT equipment. It is 800 millimeters wide to allow

Aug 11, 2025

HPE ARCS 42U 800x1600mm Rack Data sheet

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

Contact Us

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