

Top view of 42u network rack



Summary of Content

A 42U network rack is a standard 19-inch wide cabinet with 42 rack units (1U = 1.75 inches) of vertical space, typically 600–800mm deep, designed to house servers, networking equipment, and cable management components.

Dimensions and Layout

From a top view, a 42U rack appears as a rectangular enclosure with the following typical dimensions:

- Width: 19 inches (482.6 mm) standard for rack-mountable equipment
- Depth: 600–1200 mm depending on the model (e.g., Vertiv VR3150: 1200 mm depth)
- Height: 42U (73.5 inches or 1.87 m) vertically, though this is not visible from the top view. The top view shows the internal frame with front and rear vertical rails where equipment is mounted. These rails are usually perforated or have square holes for cage nuts, allowing servers, switches, PDUs, and other devices to be secured.

Equipment Arrangement

- Front and Rear Access: Most racks have front and rear doors (mesh, glass, or solid) for airflow and maintenance.
- Mounting Rails: Adjustable rails allow devices to be mounted at varying depths, accommodating different server and switch sizes.
- Cable Management: Top view often reveals cable entry points or trays for structured cabling, keeping power and network cables organized.

Article Content

42U Server Racks & Cabinets, price ✂

A 42U rack refers to a server rack that occupies 42 units of vertical space. These racks are typically used in data centers for

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42U Rack Dimensions, Cabinet Size, & Specifications

The top panel of the 42U Rack is secured with the standard eye-bolts. Whether you require a top panel for cable entry

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

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42U Server Rack Cabinet: Dimensions, Features

A fully loaded 42U server rack cabinet has the capacity for over 3000 lbs of networking equipment,

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Lenovo 42U 1200mm Deep Racks Product Guide

Lenovo 42U 1200 mm Deep Rack offerings are industry-standard 19-inch server cabinets that are designed for high

42u Rack

42u Rack AutoCAD Block AutoCAD DWG format drawing of a 42u rack, 2D top, front, and elevation views, DWG CAD block for

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

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://benniedesignstudio.co.za>

Email: sales@benniedesignstudio.co.za

Phone: +27 82 391 4765

Address: The Towers, 1 St Georges Mall, Cape Town, 8001, South Africa

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