18u Network Rack Specifications and Dimensions

Overview

Find durable 18U network racks built from cold-rolled steel. Perfect for organizing servers, switches, and audio-video equipment.

Key Takeaways

An 18U network rack is approximately 31.5 inches (800 mm) tall, with a standard width of 19 inches and variable depths depending on the model.Height

Each rack unit (U) measures 1.75 inches (44.45 mm) in height, so an 18U rack totals 31.5 inches (800 mm) tall . This makes it a compact option suitable for small to medium-sized businesses, home offices, classrooms, or network closets .

Width

The standard width for most network racks, including 18U models, is 19 inches (482 mm), following the EIA-310 and IEC 60297 standards . This width accommodates most rack-mounted servers, switches, patch panels, and other IT equipment.

Depth

Depth can vary depending on the rack type and intended equipment. Common depths for 18U racks range from 18 inches to 35 inches, with wall-mount or under-desk models typically shallower (around 18–24 inches) and floor-standing racks deeper (up to 35 inches) to accommodate larger servers or UPS units . Adjustable mounting rails allow flexibility for equipment up to 20.5 inches deep in some wall-mount models .

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Weight Capacity and Construction

Many 18U racks are constructed from heavy-duty steel with a durable finish and can support loads up to 250 pounds (113.4 kg) . Wall-mount racks often feature hinged doors, vented panels for airflow, and lockable sides for security.

Applications

18U racks are ideal for environments with limited floor space while still needing to house multiple servers, switches, patch panels, and power distribution units. They provide a balance between compact size and sufficient capacity for small IT deployments .

Summary
• Height: 31.5 inches (800 mm)

• Width: 19 inches (482 mm)

• Depth: 18–35 inches depending on model

• Weight Capacity: Up to 250 lbs (113.4 kg)

• Use Cases: Small to medium businesses, classrooms, network closets, home offices
This makes the 18U rack a versatile and space-efficient solution for organizing and securing network and server equipment.

Article Content

18U Server Rack Cabinets for Data & Network Equipment

The size of an 18U rack is 31.5 inches (800.1 mm) in height and 19 inches (482.6 mm) in width. The depth varies by model but

18U Server Rack Cabinet, Switch-Depth, Wall-Mount | Eaton

Wall-mount cabinet secures and organizes 18U of 19-inch rack equipment in network closets, classrooms and other locations with

SR18UB | Eaton Tripp Lite series SmartRack rack enclosure | Eaton

Ships fully assembled for immediate deployment and equipment mounting Maximum capacity: 1000 lb. (454 kg) stationary and rolling

SmartRack 18U Mid-Depth Half-Height Rack Enclosure Cabinet

This 18U server rack comes fully assembled for quick and easy deployment. Front and rear vertical rails with square mounting holes

ProRack 18U 600*600 Standing Network Rack (PR-FG6618)

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The following table summarizes the primary technical specifications and physical dimensions of the ProRack PR-FG6618 Standing

Amazon : 18u Rack

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18U server rack with perforated door 600x800x1000mm

Home Server racks Server racks and patch racks 18U server rack with perforated door 600x800x1000mm

IT Cabinet | 16” Deep | EIA-310 | 4 Post | Weight Cap. 200 lbs ...

4-POST 18U RACK CABINET: Wall-Mount Server Rack w/ adjustable mounting depth 2.4" to 16" (6.0cm to 40.6cm) is ideal for

Pro Line Network Cabinet with Integrated Fans, 18U

This 18U floor-standing network cabinet provides secure and convenient housing for your IT and server equipment. Its front and rear

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Constructed from heavy-duty steel with a durable black powder-coated finish, the cabinet has a maximum load capacity of 250

18U server rack with perforated door 600x800x1000mm

Buy 18U server rack with perforated door 600x800x1000mm (WxDxH) The server cabinet specialist!

18U 600 x 600

18U 600 x 600 - Wall Mount - Single Section Cabinet Avalon Cabinets are feature-rich rack enclosures optimized for easy

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Discover essential information on server rack sizes and dimensions, including heights, widths, and depths, in our ultimate guide.

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SmartRack 18U Heavy-Duty Low-Profile Server

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Description The SRW18UHD SmartRack 18U Heavy-Duty Low-Profile Server-Depth Side-Mount Wall-Mount Rack Enclosure Cabinet

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

18U 600 x 1000-Floor Standing Rack

18U 600 x 1000-Floor Standing Rack Avalon Cabinets are feature-rich rack enclosures optimized for easy installation, managing

18U 24 inch rack for Wall Mount 19″ Enclosure SRW

18U 24″ Depth Wall Mount 19″ Enclosure SRW 18.600 at Sysracks . 30-day money-back guarantee!

SmartRack 18U Mid-Depth Half-Height Rack Enclosure Cabinet

Description This SmartRack® 18U Mid-Depth Rack Enclosure Cabinet is packed with features designed to simplify rack equipment

SmartRack 18U UPS-Depth Wall-Mount Half-Height Rack

Description The SRW18USDPG SmartRack® 18U UPS-Depth Wall-Mount Rack Enclosure Cabinet is designed to house EIA

19-inch wide Network Cabinet, 18U, 17.7 inch (450mm) depth, Black

The LC-SMA6418 18U network cabinet has a 17.7 inch depth, which can accommodate a wide range of devices. The interior rail

Mount your network and telecommunications equipment with the ...

2-Post 18U Heavy-Duty Wall Mount Network Rack, 19" Open Frame Server Rack with Adjustable Depth, Wall Mount Data Rack for

SmartRack 18U UPS-Depth Wall-Mount Half-Height Rack

Description The SRW18USDP SmartRack® 18U UPS-Depth Wall-Mount Rack Enclosure Cabinet is designed to house EIA-standard

NavePoint 18U Server Rack Enclosure

With dimensions of 23.63"L x 23.5"W x 36"H and a depth of 600mm, it offers 18U of rack space, efficiently accommodating different

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

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Get a comprehensive guide on server rack cabinet sizes and dimensions. Understand the depth, width, and height

18U Server Rack Cabinet, Server-Depth, Side-Mount, Wall-Mount

The SRW18UHD SmartRack 18U Heavy-Duty Low-Profile Server-Depth Side-Mount Wall-Mount Rack Enclosure Cabinet is

18U Rack Cabinets – Server, Network & Wall-Mount Solutions

Explore our range of 18U network racks – from server enclosures to open-frame models for 19-inch equipment. □□ Wall-mount and floor

18U Floor Standing Server Rack

The document describes a wall mount server rack that provides 18U of storage capacity and measures 600mm wide by 600mm deep

18U Server Rack Cabinet, Switch-Depth, Wall-Mount, Window | Eaton

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Wall Mount Rack

Wall Mount Racks For small networking,telecom and CCTV applications Made of high quality metal sheet .8mm 1.2mm mounting

Rack unit

Definition The rack unit size is based on a standard rack specification as defined in EIA -310. The Eurocard specifies a standard rack

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RIVECO 18U Open Frame Server Rack with Brake Casters

Also other heights 6U, 9U, 12U, 15U, 22U, 25U are available. RIVECO portable rolling network rack series is versatile for 19"

18U 600 x 1000-Floor Standing Rack

18U 600 x 1000-Floor Standing Rack Avalon Cabinets are feature-rich rack enclosures optimized for easy installation, managing

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