

# Standard dimensions of a 4U wall-mounted network cabinet

## Article Overview

A standard 4U wall-mounted network cabinet typically measures 600 mm wide x 450 mm deep x 280 mm high, with a 19-inch internal rack width and 7 inches (177.8 mm) of vertical rack space.

## Key Dimensions

- o Height: 4U corresponds to 4 rack units, with each rack unit (U) equal to 1.75 inches (44.45 mm), giving a total vertical mounting space of 7 inches (177.8 mm) between the top and bottom rails .
- o Width: The internal mounting width is standardized at 19 inches (482.6 mm) to accommodate most rack-mount equipment . The external width of the cabinet is typically 600 mm .
- o Depth: Wall-mounted cabinets vary in depth, but a common size is 450 mm externally, with internal depth adjustable depending on the model . Some low-profile models can house equipment up to 20 inches deep while extending only 8 inches from the wall .

## Additional Specifications

- o Load Capacity: Depending on the model, wall-mounted 4U cabinets can support 50-150 kg of equipment .
- o Construction: Most cabinets are made from SPCC steel with powder-coated finishes for durability and security .
- o Doors and Panels: Options include glass or steel front doors, removable side panels, and lockable access for security .
- o Mounting Standards: Cabinets comply with EIA-310-D standards, ensuring proper hole spacing and rail alignment for 19-inch rack equipment .

## Practical Considerations

When selecting a 4U wall-mounted cabinet, consider the depth of your equipment, weight, and airflow requirements. Shallow cabinets may limit cooling and cable management, while deeper cabinets provide more flexibility but require stronger wall anchors. Ensure the cabinet's load rating and mounting hardware are compatible with your installation site. These dimensions and specifications make 4U wall-mounted cabinets ideal for network switches, patch panels, small servers, and other IT equipment in offices, classrooms, or telecommunications closets .

Our offerings include a variety of cabinets and racks with detailed specifications such as server cabinet sizes, comms rack sizes,



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Wall-mount cabinet secures and organizes 4U of 19-inch rack equipment in network wiring closets and other locations with limited

You'll get precise, actionable answers in under 60 seconds: A 4U network rack is exactly 7.0 inches (177.8 mm) tall,

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Confused about 4U rack height, depth, weight capacity, or wall-mount safety? This guide explains exact

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RackMatic SOHORack 19" wall-mounted rack cabinet. This 4U wall-mounted cabinet has external

19" network wall cabinets with front glass doors. The cabinet

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