

Standard chassis dimensions of network patch panel



Article Overview

Network patch panels are typically designed to fit a 19-inch rack width, with heights measured in standard rack units (1U = 1.75 inches), and depths varying by panel type and port density.

Width

The standard width for most network patch panels is 19 inches (482.6 mm), which includes the mounting ears used to secure the panel to a rack frame. This width is consistent across both copper and fiber optic panels to ensure compatibility with industry-standard racks and cabinets.

Height

Patch panel heights are measured in rack units (U), where 1U equals 1.75 inches (44.45 mm). Common heights include:

- 1U: Typically accommodates 24 or 48 ports for copper panels or up to 72 ports for fiber panels.
- 2U: Often used for higher-density fiber panels, supporting 96 to 144 ports.
- 4U: Used for very high-density fiber panels, supporting up to 288 ports.

Depth...

Article Content

1U vs 2U vs 4U Servers: What “U” Means & How to Choose in 2026

Learn what a rack unit (U) is, how 1U/2U/4U differ, and how to pick the right chassis height for disks, PCIe/GPU, noise,

Modular Patch Panels

All patch panels mount to standard EIA 19-inch or 23-inch racks with optional extender brackets. A variety of accessories are

LCX Standard Density Panels | Amphenol Network Solutions

The LCX gives you cost-effective patch and splitter capabilities in an industry-standard footprint. The series can host up to 288

Cat 6A UTP Angled 110-Style Patch Panels

Leviton Cat 6A UTP Angled 110-Style Patch Panels are designed for use with industry-standard 19-inch racks and cabinets for

Rack unit

The 19-inch rack format with rack units of 1.75 inches (44.45 mm) was established as a standard by AT& T around 1922 in order to

Standard Panels Technical Data

Our standard configured panels are designed uniquely for the varying needs of process applications. Our preconfigured solutions

Fiber Patch Panel Guide

Fiber Plates Adapters Future Proof with Fiber Optic Patch and Adapter Plates Simplify connections and cable management with our

TECHNICAL REFERENCE TR103 Patch Cord Wiring Guide

When used in traditional fashion, there is no functional difference between patch cords with T568A or T568B wiring schemes. Both

High Density Patch Panel

Description: High density rack-mount patch panel for datacenter space and SAN's. Ideal network solution with great compatibility for

Patch Panel Buying Guide

This guide introduces the patch panel's key features, key questions to ask before selecting a patch panel, to help you make an

Patch panel

A patch panel is a device or unit featuring a number of jacks, usually of the same or similar type, for the use of connecting and

19-inch rack

The 19-inch (482.6 mm) standard rack arrangement is widely used throughout the telecommunications, computing, audio, video,

Patch Panels and Patch Cables Explained

Patch panels A patch panel organizes cables in a structured wiring infrastructure. It is usually a standard 19-inch-wide

Rack unit

The standard was adopted worldwide as IEC 60297 Mechanical structures for electronic equipment – Dimensions of mechanical

19-inch rack

The 19 inch dimension includes the edges or ears that protrude from each side of the equipment, allowing the module to be fastened

Contact Us

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