

# What are the basic dimensions of the outdoor server rack



## Overview

The three primary dimensions to consider are rack height (measured in rack units or U), rack width (most commonly the industry-standard 19-inch format), and rack depth (typically ranging from 24 inches to 48 inches). 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. Rack height is measured in rack units (U) — 1U = 1. Standard width is 19 inches (EIA-310 compliant), while outer widths vary (e. 5") to allow space for cable management and airflow. Rack depth matters for. AZE's 24U IP65 Outdoor Server Enclosures are designed to protect your sensitive network equipment from harsh environments, with waterproof and dustproof features to safeguard it from the elements, while still keeping the equipment secure outside. Includes: locking door with gaskets and. Below is a comprehensive, fully detailed guide covering all standard server rack sizes, form factors, height considerations, depth classifications, and best-practice configuration approaches for professional environments.



## Article Content

Dec 21, 2025

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The 42U standard rack height, 19-inch mounting width, and 36-42 inch standard server rack depth configuration is a prevalent standard. Deeper racks (42-48 inches) are becoming increasingly ...

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Server rack sizing is measured in three dimensions: height, width, and depth. These dimensions dictate the type and configuration of how equipment can be mounted in the server rack.

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Large Weatherproof Outdoor 19" Network Server Rack Cabinet ...

The main cabinet is a fully welded strong construction, powder coated finish, steel, 19-inch, rack-mounting profiles are fitted at the front and back to fix equipment across the front of the rack and ...

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Being designed to accommodate the weather protection of your choice, the outdoor server rack enclosures are available in NEMA 3R, 4, or 4X configurations.

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Get a comprehensive guide on server rack cabinet sizes and dimensions. Understand the depth, width, and height requirements to fit your IT needs.

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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 based on equipment type, cooling, space, and future growth.

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## Contact Us

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