



# Comparison of 47U Server Rack Footprint





## Overview

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Choosing a 42U server rack might seem straightforward, but there are several factors that can significantly impact deployment, maintenance, and future scalability. Before selecting a rack, IT teams should consider: Eaton's REC Series IT racks deliver essential storage and protection for critical IT equipment in small, medium and large data center applications. A full range of easy-to-use cable management, airflow management and storage accessories are also available. The REC Series can also. The rack unit is the standard unit used to measure rack height. For the data center, according to the Data Center Rack Market 2025-2033, typically used rack heights include 36U, 42U, 45U, 47U, 48U, 51U, and others.

### What Is a Server Rack?

Understanding the Core Structure A server rack is a. Related: Server Market Will Be Worth Nearly \$196bn in 2027 - Omdia Server rack size is determined by three basic dimensions: Height: Since servers are usually stacked on top of each other inside a rack, rack height is the single most important factor in determining how many servers you can fit. Common server rack sizes are 19-inch width, heights like 42U or 48U, and depths from ~24" to 48". Server racks may seem like just metal frames, but choosing the right size can make or break your IT setup.



## Comparison of 47U Server Rack Footprint



### Which 42U Server Rack Is Right for You?

Top 42U Enterprise Server Rack Comparison  
Feature / Rack APC AR3100 Great Lakes L Series  
Rittal TS IT Eaton SRH422454W RMU (Rack Units)  
42U 42U or 47U 42U 42U Height (inches) 78.39&  
Prime; ...

### Server Rack Sizes: Understanding the Differences

Which Server Rack Size is right for me? Now that we have covered all the different elements that make up the size of your server rack, you must consider your overall set-up and your plans for installation.



### Eaton REC Series IT Rack 42U/47U

Eaton REC Series IT Rack 42U & 47U Eaton's REC Series IT racks deliver essential storage and protection for critical IT equipment in small, medium and large data center applications.

### [How to Choose the Right Data Center Server Rack Size](#)

Knowing these variables and following a few general rules can help you land the best data center rack sizes that meet the requirements. Now, we'll start small with the datacenter server rack sizing guide and its implications.

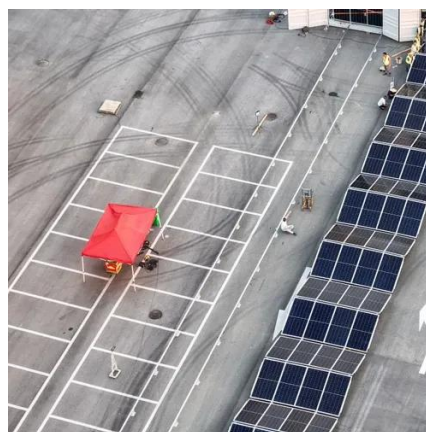


## [Server Rack Sizes: The Complete Guide to Standard, Custom, and](#)

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 ...

## **Data Center Server Rack Size: A Beginner's Guide**

This guide will give you an overview of various server rack dimensions, how to select an appropriate rack size and potential future trends. You can make an informed selection for your data center ...



## [Server Rack Sizes Matter: 3 Critical Rack Server Dimensions](#)

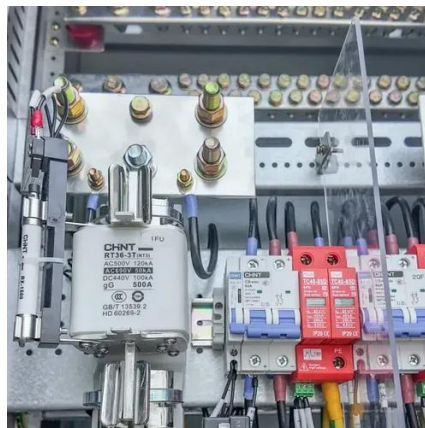
This includes three sets of measurements: server rack height, server rack width, and server rack depth. In large part, the industry has standardized these three measurements to help ensure that components will fit into ...

## [47U Racks , 47U Server Cabinets , Server](#)



## Room Environments

The 47U rack range includes budget and premium models which can be tailored for site applications. With internal depths from 600-1200mm, these 47U racks are designed to house standard 19inch rack mountable ...



## A Guide to Server Rack Sizes for Data Centers

With this reality in mind, keep reading for a guide to server rack sizes, including why server rack size matters, which sizes are available, and how to choose the right rack size for your workloads.

## 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. Server racks may seem like ...





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