

# What is the unit of measurement for a network server rack

Server rack height is measured in rack units (U). One rack unit equals 1.75 inches (44.45 mm), defined by the EIA-310.

In this guide, we break down the anatomy of a server rack, explain the mysterious "Rack Unit (U)," and help you decide between an Open Frame, Enclosed Cabinet, or Wall Mount for your 2026 infrastructure.

For this, a special unit of measurement, U, is used. A "U" rack dimension stands for a rack unit and refers to the height of a device that can be mounted in the server rack.

A rack unit is a standardized measurement used to define the vertical space occupied by equipment in a server rack. This setup ensures that servers, switches, and storage devices can be ...

A U is a standard unit of measure for designating the height in computer enclosures and server rack cabinets. A rack unit is abbreviated as U or RU with a number prefix.

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 ...

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U (rack unit, RU) is a unit of equipment height in a 19" rack. 1U = 44.45 mm (1.75"), 2U = 88.9 mm, 4U = 177.8 mm. Important: U describes height only, but a server's real "capabilities" are ...

The Eurocard specifies a standard rack unit as the unit of height; it also defines a similar unit, horizontal pitch (HP), used to measure the width of rack-mounted equipment.

Rack units, otherwise referred to as "U" or "RU" is a standardized measurement of mountable height in a server rack or cabinet.

A "Rack Unit" (U) is a standard height measure for mounting equipment in a server rack. One U = 1.75 in (44.45 mm). This article explains definition, planning, installation tips, and trends.

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