



A **19-inch rack** is a standardized frame or enclosure for mounting multiple electronic equipment modules. Each module has a front panel that is 19 inches (482.6 mm) wide. The 19 inch dimension includes the edges or "ears" that protrude from each side of the equipment, allowing the module to be fastened to the rack frame with screws. Common uses include [computer servers](#), [telecommunications](#) equipment and [networking hardware](#), [audiovisual](#) production gear, and [scientific equipment](#).



Equipment designed to be placed in a rack is typically described as **rack-mount**, **rack-mount instrument**, a **rack-mounted system**, a **rack-mount chassis**, **subrack**, **rack-mountable**, or occasionally simply **shelf**. The height of the electronic modules is also standardized as multiples of 1.75 inches (44.45 mm) or one [rack unit](#) or U (less commonly RU). The industry-standard rack cabinet is 42U tall;^[1] however, 45U racks are also common.

What is 19 inch in mm?

In order to show the dimensions of a server cabinet, it is important to know that a server cabinet or **wall mount rack**, regardless of its width, always consists of four 19-inch profiles. 19 inch is a standard distance that is used to mount **19 inch accessories**, provided with mounting profiles, in a 19 inch profile. A 19 inch profile is 19 inch wide. 19 inch is 482.6 mm.

How do I easily determine which size of rack I need?

By making the right planning and knowing which 19 inch accessories and other devices will be mounted in a 19 inch rack, the height and depth can be determined. The width depends on personal preference and the available space. By using the height, width and depth filters on our website, it is easy to determine the correct size of a 19 inch rack or wall mount rack.

ORDERING A

_____19" SERVER- OR PATCH CABINET

A Penn Elcom 19 inch (server) rack enables a concise, safe and efficient way to store your IT-hardware.

A 19 inch patch cabinet (more commonly referred to as wall-mount racks) is most suitable for arranging your network connections and the associated cabling. A server cabinet can also be used for this, but the biggest advantage of a patch cabinet is that its wall-mountable.

A rack cabinets mounting fixture consists of two parallel metal strips (also referred to as "posts" or "panel mounts") standing vertically. The posts are each 0.625 inches (15.88 mm) wide, and are separated by a gap of 17.75 inches (450.85 mm), giving an overall rack width of 19 inches (482.60 mm). The posts have holes in them at regular intervals, with both posts matching, so that each hole is part of a horizontal pair with a center-to-center distance of 18.312 inches (465.12 mm).

Penn Elcom 19 inch server rack cabinets are, by default, equipped with four vertical posts. The holes in the posts are arranged vertically in repeating sets of three, with center-to-center separations of 0.5 inches (12.70 mm), 0.625 inches (15.88 mm). The hole pattern thus repeats every 1.75 inches (44.45 mm).