ZITHA TECH SPECIALTY CABLES (Pty) Ltd

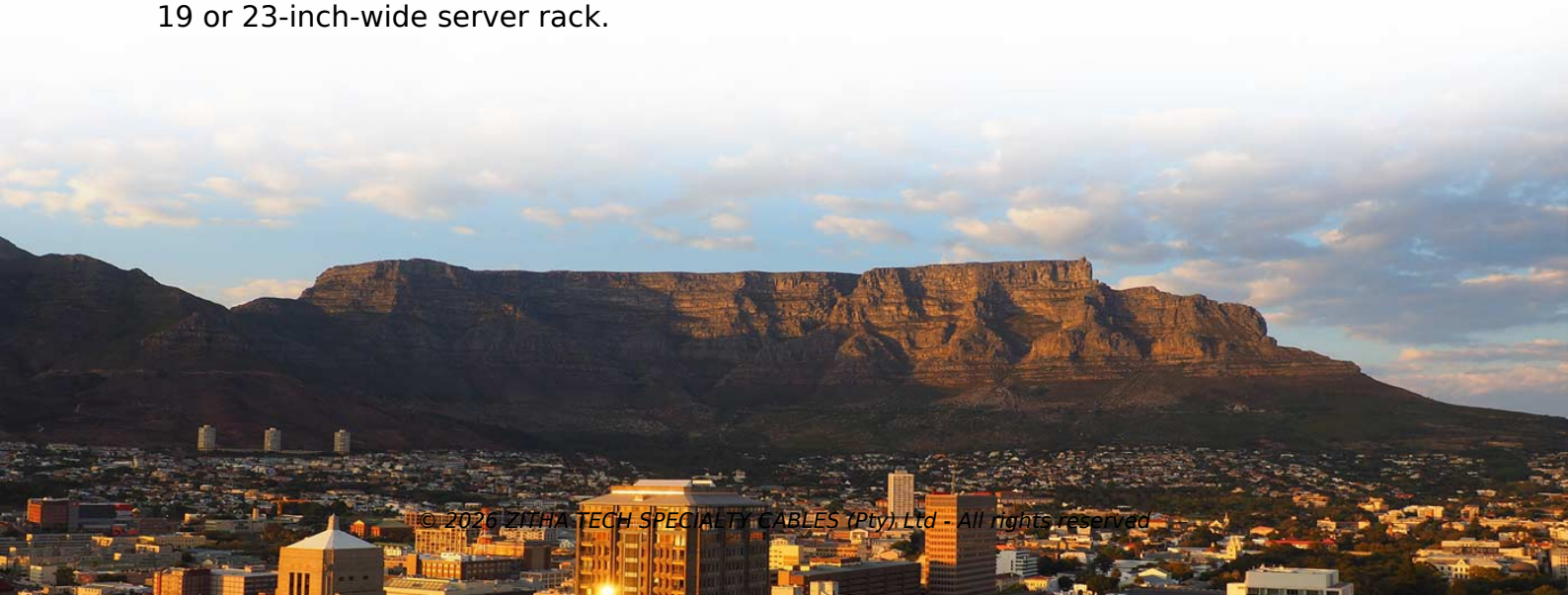
Oil Pipeline Monitoring Server Rack Dimensions



Overview

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. Most IT environments default to 42U, 19-inch width, and 1000–1200 mm depth unless space constraints or special equipment dictate. Understanding server rack sizes is essential for data centers, enterprise IT teams, and businesses deploying high-performance infrastructure. Each dimension influences how well your equipment fits, how efficiently you can manage cables, and how effectively you can maintain airflow and cooling. 45 mm), defined by the EIA-310. While rack height is standardized in rack units (U), external dimensions vary by manufacturer. Industry standards like EIA-310 and IEC 60297 ensure compatibility across racks, cabinets, and equipment. Depth varies between 24-48 inches to accommodate cooling. What Are Rack Units (U)?

A rack unit (abbreviated as U, less often as RU) is a standardized unit of measurement used to describe the height of equipment designed to be mounted in a 19 or 23-inch-wide server rack.



© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Article Content

WHITE PAPER GUIDELINES TO RACK

The floating module dimension is 46.4mm width, 48mm length, and 22mm height for left guide pin type; 30.6mm width, 32mm length, and 38mm height for top guide pin type.

Contact Us

Continue your research online:

Website: https://zithatech.co.za
Technical inquiry: https://zithatech.co.za/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved