



# Technical Support for 1000mm Deep Data Center Racks

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What size rack should a data center have?

Taller racks, beyond the common 47U (2200 mm) are also becoming more popular as data centers with room to expand vertically take advantage of headroom. The depth of rack-mounted equipment is also increasing. For example, the greatest server depth requirements in the past resulted in a rack depth of 1200 mm.

How much power does a data center rack have?

While power density per rack averaged 6 kW in 2006, it climbed to about 8 kW by 2012, and is expected to approach 12 kW per rack by 2014, according to data collected by the Data Center Users Group, sponsored by Vertiv™. The need now exists for taller, wider and deeper racks to accommodate the changes in IT equipment and densities.

What technical specifications are available for each rack & enclosure category?

We provide detailed technical specifications for each rack and enclosure category to help you make informed decisions. Downloadable PDFs are available for the following: Server Racks Specifications: Detailed performance metrics, weight capacities, and cooling options for open frame, enclosed, and seismic racks.

What is a 1000 kg rack capacity?

Given the number of servers, cables, rack power distribution units, overhead cable mounts and containment support points on a typical rack application today, a rack with a 1000 kg capacity should be considered. Racks are available in up to 1500 kg. capacities for heavy-duty applications.

Full solutions include Power Distribution & PDUs, Heat Containment Systems and Cable Management and Pathways options designed to maximize cable density and protection, while simplifying moves, ...

Reduce the required space to route, manage, and protect high-cable capacities by choosing from our comprehensive offering of vertical and horizontal cable management and rack solutions.

We create custom solutions for multiple industries including technology, media, and telecommunication. Online Ordering, Exceptional Customer Service, and Same Day Shipping. We ...

A highly engineered data center cabinet solution that delivers fast, built-to-order configurability, best-in-class

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strength, and scalability regardless of the application.

When evaluating racking systems, data center managers should look for racks that offer the most comprehensive support options, such as cable and airflow management and IT equipment support.

Call, click or chat with our in-house team for a fast quote or help designing a custom rack solution. From cage nuts, to data center design, we do it all at Rackmount Solutions.

Explore high-performance server racks, data center cabinets, and power distribution solutions from CPI. Optimize space, cooling and uptime today.

Whatever your data center size or capacity, your operation requires solutions that drive efficiency and scale easily. We'll work with you to energize your data center for maximum performance, adaptability ...

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