

Data Center Rack Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global data center rack market size reached US\$ 3.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 6.3 Billion by 2028, exhibiting a growth rate (CAGR) of 9.84% during 2023-2028.

A data center rack is a form of a physical frame that is usually made of steel and other alloys. It is used to keep electronic servers, cables, networking devices, cooling systems and other data center computing equipment. These racks provide adequate airflow and space to the devices so that they do not get damaged by temperature changes and prevent cords, wires and other expensive components from getting tangled. A basic level rack consists of 3-4 mounting rails and a supporting framework that keeps the rails secured and in place. Each shelf is systematically designed with slots for connecting electrical, internet and networking cables based on their capacity or the number of equipment they can hold.

The growing trend of big data analytics and the modernization of IT infrastructure are the key factors driving the growth of the market. Big data analytics aids in the management of complex and jumbled up organizational data that is processed across multiple data centers. Consequently, the growing requirement of data centers boosts the demand for racks needed to house various IT and networking equipment. Furthermore, the adoption of data center racks is enhanced by the need to store the data generated through smart homes, cities and grids that require systems with wider racks and upgraded designs. Another factor contributing to the increasing adoption rates of these racks is the introduction of low-cost rack solutions which feature corrosion resistance, thermal management, system expandability and compatibility with various verticals in the organization. Moreover, growing investments in data center equipment

across the globe offer immense growth opportunities to the market.

IMARC Group's latest report provides a deep insight into the global data center rack market covering all its essential aspects. This ranges from macro overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the data center rack market in any manner.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global data center rack market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on type, rack units, rack size, frame size, frame design, service, application and end-user.

Breakup by Type:

- Server Rack
- Network Rack

Breakup by Rack Units:

- Small
- Medium
- Large

Breakup by Rack Size:

- 36U
- 42U
- 45U
- 47U
- 48U
- 51U
- Others

Breakup by Frame Size:

19 Inch
Others

Breakup by Frame Design:

Open Frame
Enclosed
Customized

Breakup by Service:

Consulting Services
Installation and Support Services
Professional Services

Breakup by Application:

Small and Medium Size Organization
Large Size Organization

Breakup by End-User:

IT and Telecom
BFSI
Public Sector
Healthcare
Retail
Manufacturing
Media Entertainment
Others

Breakup by Region:

North America
Europe
Asia Pacific
Middle East and Africa
Latin America

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Eaton, Samsung, Schneider Electric, Legrand, Rittal, Vertiv Company, Belkin, nVent Schroff, Black Box Corporation, Panduit, Cheval Electronic Enclosure, Hewlett-Packard, Belden, Chatsworth Products, Great Lakes Case & Cabinet Co., Inc., etc.

Key Questions Answered in This Report:

How has the global data center rack market performed so far and how will it perform in the coming years?

What are the key regional markets in the global data center rack industry?

What has been the impact of COVID-19 on the global data center rack industry?

What is the breakup of the market based on the type?

What is the breakup of the market based on the rack units?

What is the breakup of the market based on the rack size?

What is the breakup of the market based on the frame size?

What is the breakup of the market based on the frame design?

What is the breakup of the market based on the service?

What is the breakup of the market based on the application?

What is the breakup of the market based on the end-user?

What are the various stages in the value chain of the global data center rack industry?

What are the key driving factors and challenges in the global data center rack industry?

What is the structure of the global data center rack industry and who are the key players?

What is the degree of competition in the global data center rack industry?

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