

Data Center Rack Server Market Report: Trends, Forecast and Competitive Analysis to 2030

<https://marketpublishers.com/r/D552132DE472EN.html>

Date: July 2024

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: D552132DE472EN

Abstracts

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Data Center Rack Server Trends and Forecast

The future of the global data center rack server market looks promising with opportunities in the banking, financial service and insurance, IT and telecom, government and defense, healthcare and life science, research and academic, retail and ecommerce, media & entertainment, and energy & utility markets. The global data center rack server market is expected to reach an estimated \$103.7 billion by 2030 with a CAGR of 12.5% from 2024 to 2030. The major drivers for this market are increasing demand for high-performance computing and data storage solutions, growing adoption of cloud services and data-intensive applications, and rising emphasis on energy efficiency and space optimization in data center environments.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Data Center Rack Server by Segment

The study includes a forecast for the global data center rack server by type, service, data center type, end use, and region.

Data Center Rack Server Market by Type [Shipment Analysis by Value from 2018 to 2030]:

1U

2U

4U

Others

Data Center Rack Server Market by Service [Shipment Analysis by Value from 2018 to 2030]:

Design and Consulting

Installation and Deployment

Support and Maintenance

Data Center Rack Server Market by Data Center Type [Shipment Analysis by Value from 2018 to 2030]:

Mid-Sized Data Centers

Enterprise Data Centers

Large Data Centers

Data Center Rack Server Market by End Use [Shipment Analysis by Value from 2018 to 2030]:

Banking, Financial Services and Insurance

IT and Telecom

Government and Defense

Healthcare and Life Sciences

Research and Academic

Retail and ecommerce

Media & Entertainment

Energy & Utilities

Others

Data Center Rack Server Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Data Center Rack Server Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies data center rack server companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the data center rack server companies profiled in this report include-

Hewlett Packard Enterprise

Lenovo

Dell

Cisco Systems

Huawei

Oracle

Fujitsu

NEC

Rittal

Vertiv

Data Center Rack Server Market Insights

Lucintel forecasts that mid-sized is expected to witness the highest growth over the forecast period.

Within this market, banking, financial service and insurance is expected to witness the highest growth.

North America will remain the largest region over the forecast period.

Features of the Global Data Center Rack Server Market

Market Size Estimates: Data center rack server market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Data center rack server market size by various segments, such as by type, service, data center type, end use, and region in terms of value (\$B).

Regional Analysis: Data center rack server market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different types, services, data center types, end uses, and regions for the data center rack server market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the data center rack server market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the data center rack server market size?

Answer: The global data center rack server market is expected to reach an estimated \$103.7 billion by 2030.

Q2. What is the growth forecast for data center rack server market?

Answer: The global data center rack server market is expected to grow with a CAGR of 12.5% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the data center rack server market?

Answer: The major drivers for this market are increasing demand for high-performance computing and data storage solutions, growing adoption of cloud services and data-intensive applications, and rising emphasis on energy efficiency and space optimization in data center environments.

Q4. What are the major segments for data center rack server market?

Answer: The future of the data center rack server market looks promising with opportunities in the banking, financial service and insurance, IT and telecom, government and defense, healthcare and life science, research and academic, retail and ecommerce, media & entertainment, and energy & utility markets.

Q5. Who are the key data center rack server market companies?

Answer: Some of the key data center rack server companies are as follows:

Hewlett Packard Enterprise

Lenovo

Dell

Cisco Systems

Huawei

Oracle

Fujitsu

NEC

Rittal

Vertiv

Q6. Which data center rack server market segment will be the largest in future?

Answer: Lucintel forecasts that mid-sized is expected to witness the highest growth over the forecast period.

Q7. In data center rack server market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region over the forecast period.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the data center rack server market by type (1U, 2U, 4U, and others), services (design and consulting,

installation and deployment, and support and maintenance), data center types (mid-sized data centers, enterprise data centers, and large data centers), end use (banking, financial services and insurance, IT and telecom, government and defense, healthcare and life sciences, research and academic, retail and ecommerce, media & entertainment, energy & utilities, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Data Center Rack Server Market, Data Center Rack Server Market Size, Data Center Rack Server Market Growth, Data Center Rack Server Market Analysis, Data Center Rack Server Market Report, Data Center Rack Server Market Share, Data Center Rack Server Market Trends, Data Center Rack Server Market Forecast, Data Center Rack Server Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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7.9: Rittal

7.10: Vertiv

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