Data Center Rack Server Market by Solution (Form Factor: 1U, 2U, 4U), Service, Tier Type (Tier 1, Tier 2, Tier 3, and Tier 4), Data Center Type (Mid-Sized, Enterprise, and Large), Industry, and Region - Global Forecast to 2021

Description: Growing need for efficient server solutions for high density facilities is one of the factors driving the data center rack server market

The global data center rack server market size is estimated to grow from USD 36.47 billion in 2016 to USD 90.56 billion by 2021, at a Compound Annual Growth Rate (CAGR) of 19.95%. There is an increasing need for rack server solutions that can be effectively set up for high density data centers. This requires the adoption of rack server solutions that are both scalable and economical to operate acting as one of the drivers for the data center rack server market. These rack server solutions require supportive infrastructure such as individual power and cooling infrastructure for every component. This incurs additional investments which may hinder end users to adopt these solutions.

2U form factor rack server solutions market accounts for the largest market share during the forecast period

The 2U form factor rack server solutions are estimated to grow with the largest market share during the forecast period. 2U rack server solutions can be easily adopted by small and mid-sized organization which further contributes to the growth of this market.

The installation and deployment services market is expected to gain traction during the forecast period

The data center rack server services market includes design & consulting, installation & deployment, and support & maintenance services, in which the installation and deployment services market holds the largest market share during the forecast period. Installation and deployment services facilitate assembling, installation, retrofitting, and deployment of the rack server solutions for data centers which is further driving the market.

APAC is projected to grow at the highest rate during the forecast period

North America has captured the largest market share in 2016 and the trend is expected to continue in the coming years. This region is growing owing to the presence of large number of data centers and has witnessed rapid adoption due to the availability of comprehensive solutions. On the other hand, APAC's data center rack server solutions are expected to witness exponential growth and projected to be the fastest-growing region for the global data center rack server. This is mainly attributed to the growing requirement of data centers that can be scaled according to increasing demand.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews were conducted with key people. The break-up of profiles of primary participants is given below:

- By Company Type: Tier 1: 25%, Tier 2: 25%, and Tier 3: 50%
- By Designation: C level: 50%, Director level: 25%, and Others: 25%
- By Region: North America: 50%, Europe: 25%, APAC: 25%

The various key vendors profiled in the report are as follows:

- HPE (U.S.)
- Oracle Corporation (U.S.)
- Lenovo Group Ltd. (U.S.),
- Dell, Inc. (U.S.)
- Cisco Systems, Inc. (U.S.)
- Fujitsu Ltd. (Japan)
- Huawei Technologies Co. (China)
- NEC Corporation (China)
Quanta Computer, Inc. (Taiwan)
- Iron Systems, Inc. (U.S.)

Research Coverage:
The total data center rack server market contains rack server solutions and services. The rack server solutions market is segmented on the basis of form factor that include 1U, 2U, 4U, and others. The services market includes design & consulting, installation & deployment, and support & maintenance services. The market is segmented on the basis of tier type which includes tier 1, tier 2, tier 3, and tier 4. Further, the market is segmented on the basis of data center type which includes mid-sized data centers, enterprise data centers, and large data centers. Moreover, the market is also segmented on various industries that include BFSI, IT & telecom, government & defense, healthcare, research & academic, retail, energy, manufacturing, and others (media & entertainment and transportation & logistics). The entire market is segmented based on five major global regions such as North America, Europe, APAC, MEA, and Latin America.

The report will help the market leaders/new entrants in this market in the following ways:

- This report segments the data center rack server comprehensively and provides the closest approximations of the revenue numbers for the overall market and subsegments across different verticals and regions.
- The report helps stakeholders understand the pulse of the market and provides them information on key market drivers, restraints, challenges, and opportunities.
- This report will help stakeholders to better understand the competitor and gain more insights to better their position in the business. The competitive landscape section includes new product launches, partnerships, agreements & collaborations, mergers & acquisitions, and expansions.

Contents:
1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Market Scope
      1.3.1 Markets Covered
      1.3.2 Years Considered in the Report
   1.4 Currency
   1.5 Limitations
   1.6 Stakeholders

2 Research Methodology
   2.1 Research Data
      2.1.1 Secondary Data
         2.1.1.1 Key Data from Secondary Sources
      2.1.2 Primary Data
         2.1.2.1 Key Data from Primary Sources
         2.1.2.2 Key Industry Insights
         2.1.2.3 Breakdown of Primaries
      2.2 Market Size Estimation
         2.2.1 Bottom-Up Approach
         2.2.2 Top-Down Approach
      2.3 Market Breakdown and Data Triangulation
   2.4 Research Assumptions

3 Executive Summary

4 Premium Insights
   4.1 Attractive Market Opportunities in the Data Center Rack Server Market
   4.2 Data Center Rack Server Market, 2016-2021
   4.3 Data Center Rack Server Market, Top Three Industries and Regions, 2016
   4.4 Data Center Rack Server Market Size, 2016-2021, By Region
   4.5 Lifecycle Analysis, By Region

5 Market Overview
   5.1 Introduction
   5.2 Market Segmentation
5.2.1 By Component
5.2.2 By Rack Server Solution
5.2.3 By Tier Type
5.2.4 By Service
5.2.5 By Data Center Type
5.2.6 By Industry
5.2.7 By Region
5.3 Evolution
5.4 Market Dynamics
5.4.1 Drivers
5.4.1.1 Increasing Need for Higher Density Servers
5.4.1.2 Reduced Capex and Opex
5.4.1.3 Growing Need for Scalable Data Centers
5.4.1.4 Easy Migration from Traditional Technologies
5.4.2 Restraints
5.4.2.1 High Requirement of Support Infrastructure
5.4.2.2 Advent of New Technologies
5.4.3 Opportunities
5.4.3.1 Exponential Growth in Data Center Traffic
5.4.3.2 Increase in Data Center and Cloud Related Technology Spending
5.4.4 Challenges
5.4.4.1 Challenges With Heating, Ventilation, and Air Conditioning Systems

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.2.1 Data Center Original Equipment Manufacturers
6.2.2 Software Solution Providers
6.2.3 Connectivity Services Providers
6.2.4 System Integrators
6.2.5 Virtualization Service Providers
6.2.6 End Users
6.3 Strategic Benchmarking
6.3.1 Innovation and Product Enhancements
6.3.2 Collaborations, Partnerships, and Acquisitions
6.4 Technology Trends and Standards
6.4.1 Introduction
6.4.2 Standards and Guidelines for Data Center Rack Server
6.4.2.1 Telecommunications Infrastructure Standard for Data Centers - IEEE
6.4.2.2 Storage Networking Industry Association (SNIA) - Cloud Data Management Interface (CDMI)
6.4.2.3 Distributed Management Task Force (DMTF) Standards
6.4.2.4 Oasis Standards
6.4.2.5 Electronic Industry Association (EIA)
6.4.2.6 Telecommunication Industry Association (TIA)
6.4.2.7 Data Center Site Infrastructure Tier Standard (Uptime Institute)

7 Data Center Rack Server Market Analysis, By Component
7.1 Introduction

8 Data Center Rack Server Solution Market Analysis, By Form Factor
8.1 Introduction
8.2 1U
8.3 2U
8.4 4U
8.5 Others

9 Data Center Rack Server Market Analysis, By Service
9.1 Introduction
9.2 Design and Consulting
9.3 Installation and Deployment
9.4 Support and Maintenance

10 Data Center Rack Server Market Analysis, By Tier Type
16.2.2 Agreements, Partnerships, Collaborations, and Joint Ventures
16.3 Discussion Guide
16.4 Knowledge Store:
16.5 Introducing Rt: Real-Time Market Intelligence
16.6 Available Customizations
16.7 Related Reports
16.8 Author Details

List of Tables:
Table 1 Global Data Center Rack Server Market: Assumptions
Table 2 Data Center Rack Server Market Size and Growth Rate, 2014-2021 (USD Billion, Y-O-Y %)
Table 3 Data Center Rack Server Market Size, By Component, 2014-2021 (USD Billion)
Table 4 Data Center Rack Server Solution Market Size, By Form Factor, 2014-2021 (USD Billion)
Table 5 1U: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 6 2U: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 7 4U: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 8 Others: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 9 Data Center Rack Server Market Size, By Service, 2014-2021 (USD Billion)
Table 10 Design and Consulting Services: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 11 Installation and Deployment Services: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 12 Support and Maintenance Services: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 13 Data Center Rack Server Market Size, By Tier Type, 2014-2021 (USD Billion)
Table 14 Tier 1: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 15 Tier 2: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 16 Tier 3: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 17 Tier 4: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 18 Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 19 Mid-Sized Data Centers: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 20 Enterprise Data Center: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 21 Large Data Centers: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 22 Data Center Rack Server Market Size, By Industry, 2014-2021 (USD Billion)
Table 23 Banking, Financial Services, and Insurance: Data Center Rack Server Market, By Region, 2014-2021 (USD Billion)
Table 24 IT and Telecom: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 25 Government and Defense: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 26 Healthcare: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 27 Research and Academic: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 28 Retail: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 29 Energy: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 30 Manufacturing: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 31 Others: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 32 Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 33 North America: Data Center Rack Server Market Size, By Region, 2014-2021 (USD Billion)
Table 34 North America: Data Center Rack Server Solution Market Size, By Form Factor, 2014-2021 (USD Billion)
Table 35 North America: Data Center Rack Server Market Size, By Service, 2014-2021 (USD Billion)
Table 36 North America: Data Center Rack Server Market Size, By Tier Type, 2014-2021 (USD Billion)
Table 37 North America: Data Center Rack Server Market Size, By Data Center Type, 2014-2021 (USD Billion)
Table 38 North America: Data Center Rack Server Market Size, By Industry, 2014-2021 (USD Billion)
Table 39 North America: Data Center Rack Server Market Size, By Country, 2014-2021 (USD Billion)
Table 40 Europe: Data Center Rack Server Market Size, By Component, 2014-2021 (USD Billion)
Table 41 Europe: Data Center Rack Server Solution Market Size, By Form Factor, 2014-2021 (USD Billion)
Table 42 Europe: Data Center Rack Server Market Size, By Service, 2014-2021 (USD Billion)
Table 43 Europe: Data Center Rack Server Market Size, By Tier Type, 2014-2021 (USD Billion)
Table 44 Europe: Data Center Rack Server Market Size, By Data Center Type, 2014-2021 (USD Billion)
Table 45 Europe: Data Center Rack Server Market Size, By Industry, 2014-2021 (USD Billion)
Table 46 Europe: Data Center Rack Server Market Size, By Country, 2014-2021 (USD Billion)
Table 47 Asia-Pacific: Data Center Rack Server Market Size, By Component, 2014-2021 (USD Billion)
Table 48 Asia-Pacific: Data Center Rack Server Solution Market Size, By Form Factor, 2014-2021 (USD Billion)
Table 49 Asia-Pacific: Data Center Rack Server Market Size, By Service, 2014-2021 (USD Billion)
Figure 31 Evaluation Overview Table: Product Coverage
Figure 32 New Product Launches and Partnerships, Collaborations, & Agreements Are the Key Strategies Used By the Major Market Players from 2014 to 2016
Figure 33 Battle for Market Share: New Product Launches, Partnerships, Collaborations, Agreements, and Mergers & Acquisitions
Figure 34 Geographic Revenues Mix of Top Market Players
Figure 35 Hewlett Packard Enterprise Development LP (HPE): Company Snapshot
Figure 36 Hewlett Packard Enterprises Development LP: SWOT Analysis
Figure 37 Lenovo Group Limited: Company Snapshot
Figure 38 Lenovo Group Limited: SWOT Analysis
Figure 39 Dell, Inc.: SWOT Analysis
Figure 40 Cisco Systems, Inc.: Company Snapshot
Figure 41 Cisco Systems, Inc.: SWOT Analysis
Figure 42 Oracle Corporation: Company Snapshot
Figure 43 Oracle Corporation: SWOT Analysis
Figure 44 Fujitsu Ltd: Company Snapshot
Figure 45 Huawei Technologies Co.: Company Snapshot
Figure 46 Nec Corporation: Company Snapshot
Figure 47 Quanta Computer, Inc.: Company Snapshot

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