

Russia Data Center Rack - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2030

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Report description:

The Russian data center rack market reached a volume of over 97,000 units in the previous year, and it is further projected to register a CAGR of 14.2% during the forecast period. The increasing demand for cloud computing among SMEs, government regulations for local data security, and growing investment by domestic players are some of the major factors driving the demand for data centers in the country.

Under Construction IT Load Capacity: The upcoming IT load capacity of the Russia data center rack market is expected to reach 1500 MW by 2029.

Under Construction Raised Floor Space: The country's construction of raised floor area is expected to increase to 4 million sq. ft by 2029.

Planned Racks: The country's total number of racks to be installed is expected to reach 216000 units by 2029. Moscow is expected to house the maximum number of racks by 2029.

Planned Submarine Cables: There are close to ten submarine cable systems connecting Russia, and many are under construction.

Russia Data Center Rack Market Trends

BFSI Sector Expected to Hold a Significant Share

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- Cloud and data centers are the backbone of the BFSI sector, especially in the process of digitization. Competition in the banking and financial sector and increasing demand for online services are expanding the market for data centers, thus increasing the use of data center racks.
- The racks used in the banking sector require additional protection against theft, damage, and other risks. Rack provides banking service providers with a platform to host their systems and protect them from unforeseen physical risks. These racks are modular, so banking service providers can upgrade them as needed.
- The Bank of Russia has approved guidelines for financial technology development from 2018-2020. The Bank of Russia is committed to promoting financial inclusion, improving the quality and diversity of financial services, ensuring safety and stability in the application of financial technologies, and improving the competitiveness of Russian technologies such as big data, artificial intelligence, and machines.
- Due to the global disruption caused by COVID-19, the deployment of digital banking solutions is expected to make greater use of technologies such as cloud computing, blockchain, and others. Therefore, the financial and banking industry is expected to offer multiple growth opportunities for data centers.

Full rack segment to hold major share in the market

- Due to the growing shortage of space in various companies, the data center full rack market occupies a large share in Russia. The demand for complete rack data center infrastructure is increasing to cope with the increasing rack size due to the rapid growth of mobile broadband networks due to the increase in big data analytics combined with cloud computing.
- By 2022, 2G mobile networks covered almost 99% of the Russian population, up from 91% two years ago. By 2022, nearly 89% of the population was to be covered by 3G and 4G networks. The increasing use of data demonstrates more use of data and, thus, increasing use of full rack data centers.
- With large amounts of data generated every day, businesses rely on data centers to efficiently manage data and storage. Therefore, the increasing use of full-rack data centers is the most important factor positively influencing data center rack consumption. Increasing demand for technology services and investments by large companies are also changing the growth of the market.
- Initially, the focus was solely on data center rack infrastructure, with only size and cost considered during deployment. However, the introduction of high-density applications by various end-users, such as online banking, IT and telecommunications, media, and entertainment, creates opportunities for increased usage of full racks of data centers.

Russia Data Center Rack Industry Overview

The Russian Data center racks market is relatively low in terms of competition and has a few players in the market, such as Rittal GMBH & Co.KG, Lepin Network, Takachi Electronics Enclosure Co., Ltd., Verotec Limited, Startech.com Group. These major players focus on expanding their customer base in the country. These companies leverage strategic collaborative initiatives to increase their market share and profitability. The increase in the data center construction corresponds to increasing demand for the number of racks in the data centers.

In October 2022, Rostelecom, a supplier of digital services, was in Murmansk, a port city in Russia's far northwest. The Arctic data center served both local enterprises and government agencies. Customers got access to a high-speed data network, cloud services, and cutting-edge digital services while renting racks or rack spaces for their equipment. Utilizing co-location facilities to centralize, minimize, and improve the dependability of maintaining and servicing proprietary IT systems.

In September 2022, Yandex constructed a 63MW data center in western Russia's Kaluga Oblast. The building is situated in

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Kaluga's Grabtsevo Industrial Park. With a 130,000 square meter footprint and 63 MW of power, the new data center accommodates more than 3,800 server racks with a 15 kW load.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

1 INTRODUCTION

1.1 Study Assumption & Market Definition

1.2 Scope of the Study

2 Research Methodology

3 Executive Summary

4 Market Dynamics

4.1 Market Overview

4.2 Market Drivers

4.2.1 Increased Migration to Cloud-based Business Operations

4.2.2 Internet Adoption and Information Technology Services to Boost Market Progress

4.3 Market Restraints

4.3.1 Low Availability of Resources

4.4 Value Chain / Supply Chain Analysis

4.5 Industry Attractiveness - Porter's Five Forces Analysis

4.5.1 Bargaining Power of Buyers/Consumers

4.5.2 Bargaining Power of Suppliers

4.5.3 Threat of New Entrants

4.5.4 Threat of Substitute Products

4.5.5 Intensity of Competitive Rivalry

4.6 Assessment of COVID-19 Impact

5 MARKET SEGMENTATION

5.1 Rack Size

5.1.1 Quarter Rack

5.1.2 Half Rack

5.1.3 Full Rack

5.2 End-User

5.2.1 IT & Telecommunication

5.2.2 BFSI

5.2.3 Government

5.2.4 Media & Entertainment

5.2.5 Other End-Users

6 COMPETITIVE LANDSCAPE

6.1 Company Profiles

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- 6.1.1 Rittal GMBH & Co.KG
- 6.1.2 Lepin Network
- 6.1.3 Takachi Electronics Enclosure Co., Ltd.
- 6.1.4 AIC Inc.
- 6.1.5 Verotec Limited
- 6.1.6 Startech.com Group
- 6.1.7 Topwell Technology Group Limited
- 6.1.8 Delta Electronics Inc.
- 6.1.9 Yuyao Sunpln Communication Equipment Co. Ltd.
- 6.1.10 Ningbo Gelante Electric Co., Ltd.

7 INVESTMENT ANALYSIS

8 MARKET OPPORTUNITIES AND FUTURE TRENDS

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