North America Data Center Server Market Report by Product (Rack Servers, Blade Servers, Micro Servers, Tower Servers), Application (Industrial, Commercial), and Country 2024-2032

Market Report | 2024-07-01 | 123 pages | IMARC Group

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Report description:

The North America data center server market size reached US$ 20.7 Billion in 2023. Looking forward, IMARC Group expects the market to reach US$ 29.4 Billion by 2032, exhibiting a growth rate (CAGR) of 3.9% during 2024-2032.

A data center is defined as a physical facility used by organizations to store critical data and applications. Since their inception, data centers have evolved from on-premise physical servers to virtual infrastructure, which provides support to workloads and applications across the multi-cloud environment. Some of the essential components included in a data center are switches, storage systems, application delivery controllers, routers, firewalls, and servers. Together, these components can offer a network and storage infrastructure and computing resources. To perform efficiently, a data center requires an appropriate, designated infrastructure, which typically consists of uninterruptible power supplies (UPS), cooling systems, backup generators, power subsystems, ventilation, fire suppression, and connections to external networks. Data centers are employed mainly for protecting the integrity and performance of the core data center components.

The North America data center server market is being driven by several factors. The large cache memory and storage capacity of servers employed in the data centers are currently fueling market growth in the region. Furthermore, the servers provide data security, integrity and scalability to the data stored in data centers. Thus, declining prices of servers have resulted in the increasing adoption of data centers across the region. Moreover, manufacturers have started conducting wide-scale R&D activities to develop new technologies, such as micro servers and blade servers, for differentiating their products, which has been positively influencing the market growth. Additionally, colocation providers, hyperscale operators, enterprises and government agencies have been investing heavily in improving the overall security of their data, which is also propelling the market growth. Moreover, the demand for data center servers is expected to be propelled by continuous technological innovations in power sources, such as

lithium-ion UOS systems, DRUPS, and fuel cells.

Key Market Segmentation:
IMARC Group provides an analysis of the key trends in each segment of the North America data center server market report, along with forecasts at the regional and country levels from 2024-2032. Our report has categorized the market based on product and application.

Key Regions Analysed
United States
Canada

Analysis for Each Country

Market by Product
Rack Servers
Blade Servers
Micro Servers
Tower Servers

Market by Application
Industrial
Commercial

Value Chain Analysis
Key Drivers and Challenges
Porters Five Forces Analysis
Competitive Landscape
Competitive Structure
Key Player Profiles

Key Questions Answered in This Report:
How has the North America data center server market performed so far and how will it perform in the coming years?
What are the key regions in the North America data center server market?
What has been the impact of COVID-19 on the North America data center server market?
What is the breakup of the North America data center server market on the basis of product?
What is the breakup of the North America data center server market on the basis of application?
What are the various stages in the value chain of the North America data center server industry?
What are the key driving factors and challenges in the North America data center server industry?
What is the structure of the North America data center server industry and who are the key players?
What is the degree of competition in the North America data center server industry?

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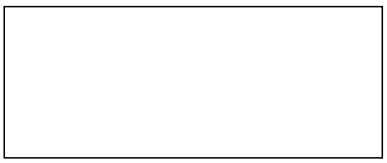
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