

Sweden Data Center Server - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2030

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Report description:

The Sweden data center server market reached a value of USD 748 million in the previous year, and it is further projected to register a CAGR of 12.4% during the forecast period. The increasing demand for cloud computing among small and medium-sized enterprises (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.

Key Highlights

- IT Load Capacity: The IT load capacity of the Swedish data center market may grow steadily and reach 400 MW by 2029.
- Raised Floor Space: The country's total raised floor area is expected to reach 1.2 million sq. ft by 2029.
- Installed Racks: The country's total number of installed racks is expected to reach 87,000 units by 2029. Stockholm may house the maximum number of racks by 2029.
- Planned Submarine Cables: There are close to 26 submarine cable systems connecting Sweden, and many are under construction.

Sweden Data Center Server Market Trends

IT & Telecommunication Segment To Hold A Major Share In The Market

- Sweden is a connected country with a strong level of digital readiness with a high penetration rate for internet usage, social media engagement, mobile connections, adoption of 5G, online shopping, and digital payments. For instance, according to GSMA,

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in Q2 2022, Sweden had the fastest 5G median download speed in the Nordic region, partially due to the country's digitalization strategy.

- Improved device capabilities, increased data-intensive content, and increased data consumption due to ongoing network performance improvements are the significant causes of the growth in mobile data traffic per smartphone. For instance, the number of Facebook users was 7.9 million in 2021, and it increased to 8.7 million in 2022, which accounted for 84.4% of the population. The number of Instagram users increased from 5.03 million (2021) to 6.06 million (2022). The Swedish Association of Local Authorities and Regions (SALAR) also developed a vision for a Swedish e-health strategy that invests 1.21 billion annually in healthcare IT.
- Operators are focusing on their network investments to expand 5G network coverage across Sweden. A joint venture between Tele2 and Telenor, Net4Mobility, focuses on accelerating the 5G network. Tele2 and Telenor Sweden agreed to extend the reach of Net4Mobility to 90% of the Swedish population by the end of 2023 and the remaining 20% in 2024. By 2025, Telia Sweden plans to have coverage for its 5G network that is equivalent to that of its 4G network by working with longtime partner Ericsson. By 2023, it is intended to have 5G coverage for more than 90% of the population. In the long run, this is expected to be extended to 90% geographic and more than 99% population coverage.
- An increase in demand for data consumption by households and businesses drives the growth of broadband connectivity in Sweden. Owing to the growing demand for broadband connectivity, government initiatives impetus the growth of connectivity.
- Sweden's Mobile traffic was 9% of total IP traffic in 2016, and it raised to 11% of total IP traffic in 2021. Factors such as an increase in data consumption, improved device capabilities, and growth of digitalization across all end users lead to an increase in the number of servers in data centers.

Blade Servers To Grow At A Faster Pace In The Coming Years

- Reduced power consumption and high processing power contribute to the blade servers in data centers.
- Single or multiple server blades can be inserted or removed without distressing another running system. It reduces hardware costs, which is likely to entice industry players to adopt the technology, thereby fueling market growth. Additionally, each server blade does not consist of a distinct infrastructure and chassis, owing to which the product is relatively cheaper as compared to other solutions.
- To cater to end-user needs, top companies such as Cisco and Dell are focusing on blade servers in data centers.
- The growing adoption of technologies such as cloud computing, artificial intelligence (AI), IT services, Internet penetration, and social media users by businesses are propelling the use of servers in data centers.
- Blade servers are generally designed with energy efficiency in mind, helping to reduce power consumption and operational costs.

Sweden Data Center Server Industry Overview

The Sweden data center server market is relatively low in terms of competition and has some players in the market, such as Dell Inc., Cisco Systems Inc., Kingston Technology Company Inc., Hewlett Packard Enterprise, and Fujitsu Limited. 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.

In May 2023, Cisco introduced UCS X servers that cut data center energy use in half; the combination of the Cisco Intersight infrastructure management platform and Unified Computing System (UCS) X-Series servers reduces data center energy consumption by up to 52% at a 4:1 server consolidation rate.

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In July 2023, Dell launched Generative Artificial Intelligence Solutions that offers a modular, full-stack architecture for enterprises seeking a secure, high-performance, proven architecture for deploying large language models (LLM). A paradigm shift in IT planning has taken place due to the rapid demand for GenAI at work, which will continue to ripple through the industry. Thus, there has been a strong demand for graphics processing unit (GPU) accelerator servers that are driving the computational intensive training and inferencing of GenAI workflows.

Additional Benefits:

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

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