

## **Norway Data Center Networking - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2030**

Market Report | 2024-02-17 | 90 pages | Mordor Intelligence

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### **Report description:**

The Norway data center networking market reached a value of USD 241.68 million in the previous year, and it is further projected to register a CAGR of 8.9% during the forecast period.

#### Key Highlights

- 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.
- The upcoming IT load capacity of the Norway market is expected to reach 320 MW by 2029. The country's construction of raised floor area is expected to increase more than 1.5 million sq. ft by 2029.
- The country's total number of racks to be installed is expected to reach 81,000 units by 2029. Greater Milan will likely house the maximum number of racks by 2029. There are close to 15 submarine cable systems connecting Norway, and many are under construction.

#### Norway Data Center Networking Market Trends

##### IT & Telecommunication Segment to Hold Major Share in the Market

- Increased adoption of cloud computing services in the country has increased IT infrastructure components. Many technology companies have launched cloud services to support the digital transformation efforts of many enterprises. These instances are increasing the demand for data center networking systems during the forecast period.

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- The increasing demand for 4G services and the continuous expansion of infrastructure to provide 5G services facilitate the use of data centers. As the amount of data generated continues to increase, the need for backup and storage solutions increases. This accommodates the increasing number of network solutions in data centers.
- The growth is driven by an increase in telecom subscribers and an increasing smartphone users to generate more information and increase demand for data center network solutions in the country.
- The growth is being driven by increased adoption of cloud computing technologies, digitization, virtualization, and many storage system services. As the amount of data generated continues to increase, the need for storage and backup solutions increases. More storage arrays have equivalent storage arrays in the cloud that can be easily replicated and failed over if needed. Examples include Hewlett Packard Enterprise Cloud Volumes (Nimble), IBM Spectrum Virtualize, and Oracle Cloud Storage using Oracle ZFS Storage Appliance.
- The rise in artificial intelligence (AI), Internet of Things (IoT), and big data workloads is driving demand for ingenious data center network infrastructure solutions among data facilities. This allows providers to constantly innovate their network portfolio to adapt to the environment and deliver greater efficiency, scalability, and reliability.

#### Ethernet Switches to Hold Significant Share in the Market

- Ethernet is a midrange technology that also provides a practical solution to meet growing data center connectivity requirements. Therefore, data center expansion has increased the demand for high-bandwidth switches.
- The introduction of higher bandwidth, high performance, scalability, and virtualization in data centers contributes to the growth of the data center networking market.
- The use of ethernet switches is expected to increase due to the increased use of power over ethernet (PoE) in various applications, increased internet connectivity, development of cloud networks, and integration of home and business networks.
- Increased investment in the IT industry, increased digitalization, and expansion of many companies, including telecommunications, data centers, and cloud computing, are driving the use of ethernet switches in the country.
- Ethernet switches are used in diverse applications in industrial infrastructure, including smart grids, surveillance and security, smart rail and transportation, and other utilities. These switches play a crucial role in the substation automation in smart grids. This is because integrating the switch into an ethernet-based network reduces the complexity and tension of cabling between power transmission and distribution devices within a substation.

#### Norway Data Center Networking Industry Overview

The data center industry is undergoing a significant transformation marked by increasing fragmentation as both established vendors and newcomers contend with fierce competition. The proliferation of cloud computing has piqued the interest of fresh investors looking to leverage the sector's remarkable growth. Notable contenders in this dynamic market landscape encompass industry leaders such as Cisco Systems Inc., Dell EMC, IBM, HP Development Company, L.P., and NEC Corporation.

In June 2023, Cisco Inc. introduced the Cisco Nexus 9800 Series modular switches. These switches represent a valuable addition to the Cisco Nexus 9000 Series portfolio, offering a new chassis designed to accommodate high-speed and high-port-density line cards.

#### Additional Benefits:

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

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