

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

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Report description:

The Ireland data center networking market reached a value of USD 196.61 million in the previous year, and it is further projected to register a CAGR of 16.3% 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 Ireland market is expected to reach 230 MW by 2029. The country's construction of raised floor area is expected to increase more than 2.8 million sq. ft by 2029.
- The country's total number of racks to be installed is expected to reach 144,000 units by 2029. Dublin is expected to house the maximum number of racks by 2029. There are close to 16 submarine cable systems connecting Ireland, and many are under construction.

Ireland Data Center Networking Market Trends

IT & Telecommunication Segment to Hold Major Share in the Market

- The strong growth of mega data centers, high penetration of 100GB switch ports, increased broadband development, increasing demand for high-speed internet, and development of internet infrastructure are positively contributing to the market growth.
- The rise in artificial intelligence (AI), Internet of Things (IoT), and big data workloads is driving demand for ingenious data center

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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.

- In Ireland, accessing social media is by far the most popular activity people use their phones for, with an average of 64 minutes spent on various platforms over the course of a typical day. After social media, streaming video is the next most popular activity people use their devices for, with an average of 53 minutes spent on platforms such as YouTube. These trends, along with the increasing population and 4G and 5G coverage, are expected to maintain the average time spent by people using their smartphones, thereby increasing the demand for data centers and, hence, increasing the value of the data center networking market.

- The growth is driven by an increase in telecom subscribers and an increasing number of 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.

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 segment is growing due to operational flexibility from 10 Mbit/s to 400 Gbit/s. For example, most residential high-speed Internet services currently reach up to around 60 Mbps for copper-based services, while fiber-optic services offer near-gigabit ethernet speeds. This tends to rapidly increase the demand for ethernet technology, further promoting the use of ethernet switches.

- 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.

- Several companies continue to expand their product portfolios and release higher bandwidth switches. For example, Edgecore Networks launched its EPS120 series, a powerful enterprise product family, in May 2023. Ideal for large retail stores, campuses, and corporate offices, these optimized 1Gbps open switches offer robust 1G switching with high data transfer bandwidth and large packet buffers to handle traffic spikes. Performance. The constant innovation is driving the segment growth in the country.

- 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.

Ireland Data Center Networking Industry Overview

The data center industry is undergoing a transformation marked by increased fragmentation as established vendors and newcomers contend with fierce competition. The expansion of cloud computing has drawn the interest of fresh investors looking to leverage the sector's prosperity. Notable participants in this dynamic market encompass Cisco Systems Inc., Arista Networks Inc., Huawei Technologies Co. Ltd., Dell EMC, and HP Development Company, L.P.

In June 2023, Cisco Inc. introduced the Cisco Nexus 9800 Series modular switches, thereby expanding the Cisco Nexus 9000 Series portfolio with a novel chassis designed to accommodate high-speed and high-port-density line cards.

Additional Benefits:

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

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