

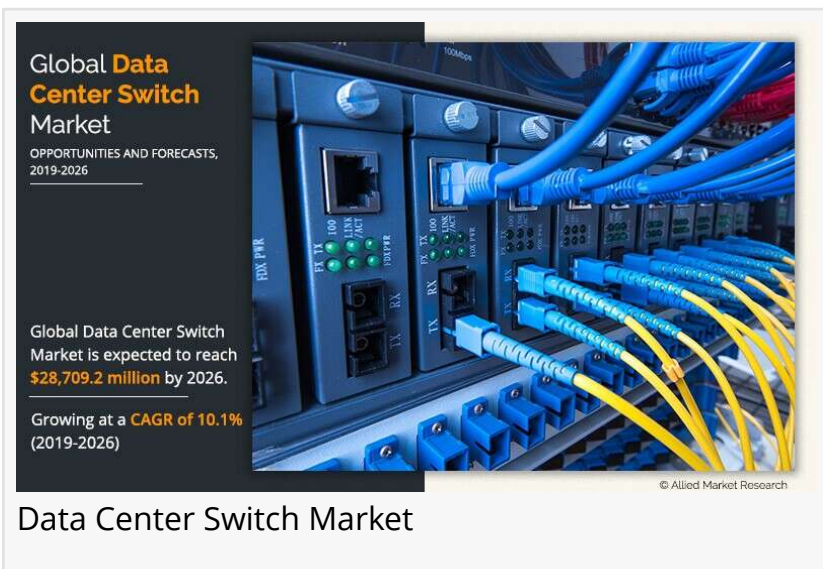
Data Center Switch Market Demand, In-depth Analysis and Estimated Revenue Forecast by 2031

Development in cloud computing & edge computing and government regulations regarding localization of data centers propel the growth of the global market.

WILMINGTON, DELAWARE , UNITED STATES, February 28, 2024

/EINPresswire.com/ -- Data Center Switch Market (□□□□□□□□□□□□□□)

Analysis Report by End User (Retail, BFSI, IT and Telecom, Government and Defense, Manufacturing, Media and Entertainment, Others), by Product Type (Ethernet, InfiniBand, Others), by Port Speed (10G, 25G, 40G, 100G, 400G, Others), by Switch Type (Core, ToR Switch, Others): Global Opportunity Analysis and Industry Forecast, 2021-2031



Global Data Center Switch Market
OPPORTUNITIES AND FORECASTS, 2019-2026

Global Data Center Switch Market is expected to reach **\$28,709.2 million** by 2026.

Growing at a **CAGR of 10.1%** (2019-2026)

Data Center Switch Market

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The data center switch market size was valued at \$13.8 billion in 2021, and is estimated to reach \$24.6 billion by 2031, growing at a CAGR of 5.9% from 2021 to 2031.

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Data center switch is an emerging technology with a new class of switch and networking infrastructure. Data center switch is a high-performance switch mainly for large enterprises and cloud providers who rely heavily on virtualization. It can be deployed throughout data center or to anchor a two-tier (leaf-spine) or one-tier flat mesh or fabric architecture. Key factors that drive growth of the global data center switch industry include rise in cloud computing, growth in edge computing, and increase in government regulations regarding localization of data centers. However, high data center operational cost restricts growth up to a certain level.

Key data center switch market trends that is helping the world of data center is the cloud and its connection to billions of connected devices such as PCs, autonomous vehicles, virtual reality

systems, and others. When smart devices are connected to the cloud, the data generated can be analyzed real-time enabling these devices to be more useful data center ethernet switch products. Emergence of artificial intelligence, virtual reality systems, and 5G network has given rise to the number of data centers, which drives growth of the data center switch market.

Several countries globally have passed data localization laws. This is primarily due to the regulatory and security reasons. Industry verticals especially BFSI are stringent regarding hosting its data in a data center out of the country resulting into setting up a local data center. For instance, Oracle, a U.S. technology giant proposed to set up a local data center in India for expanding its cloud services. Also, IBM and NTT Communications already has two and three data centers respectively in India. Similarly, Chinese regulatory, Ministry of Industry and Information Technology (MIIT), has also largely favored the issuance of Internet data center (IDC) licenses to local vendors. Furthermore, the Indonesian government Regulation No. 82 mandates Indonesian businesses conducting electronic transactions to store personal data in data centers in the country. Hence, favorable government initiatives to setup local data centers in turn drives the global data center switch market growth.

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According to data center switch market analysis, the 100G segment was the highest revenue contributor to the market, in 2021, 100G data center switches offer high performance environment that combines scalable L2 & L3 resources and high density with extensive automation and programmatic capabilities. This type of switch data center security switches is widely used in huge scale data center applications and large enterprise & business. Additionally, the infiniband segment dominated the market, in terms of revenue, in 2021, and is expected to follow the same trend during the forecast period, InfiniBand switch delivers an ideal combination of price and performance. These switches also provide high performance computing to data centers at competitive pricing with maximized results. Mobile smartphones amongst these are poised to generate significant returns for market. Such varied benefits offered by OLED technology is expected to drive growth of the global OLED displays market during the forecast period.

The outbreak of COVID-19 has significantly impacted the growth of the data center switch sector in 2020, owing to significant impact on prime players operating in the supply chain. On the contrary, the market was principally hit by several obstacles amid the COVID-19 pandemic, such as lack of skilled workforce availability and delay or cancelation of projects due to partial or complete lockdown, globally.

Country wise, U.S. holds a significant data center switch market ([0000 00 0000 00](#)) share, owing to the presence of prime players. Major organizations and government institutions in the country are intensely putting resources into these data center switch these prime sectors has strengthened the growth of the display market in the region.

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The key players profiled in this report include Arista Networks, Jupiter Networks, Huawei, Dell EMC, Mellanox, Cisco, Extreme Networks, Hewlett Packard Enterprise, Ericsson, and ZTE. These key players have adopted strategies, such as product portfolio expansion, mergers & acquisitions, agreements, regional expansion, and collaborations to enhance their market penetration.

The Report Provides:

- Assessment of market share at both regional and country levels.
- Analysis of market share for key industry players.
- Strategic recommendations tailored for new entrants.
- Forecasts for all mentioned segments and regional markets over the next decade.
- Exploration of market trends, including drivers, challenges, opportunities, threats, investment opportunities, and recommendations.
- Strategic recommendations specifically focused on the primary business segment within the market forecast.
- Overview of major general trends through competitive landscaping.
- Company profiling with detailed insights into strategy, financials, and recent developments.

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