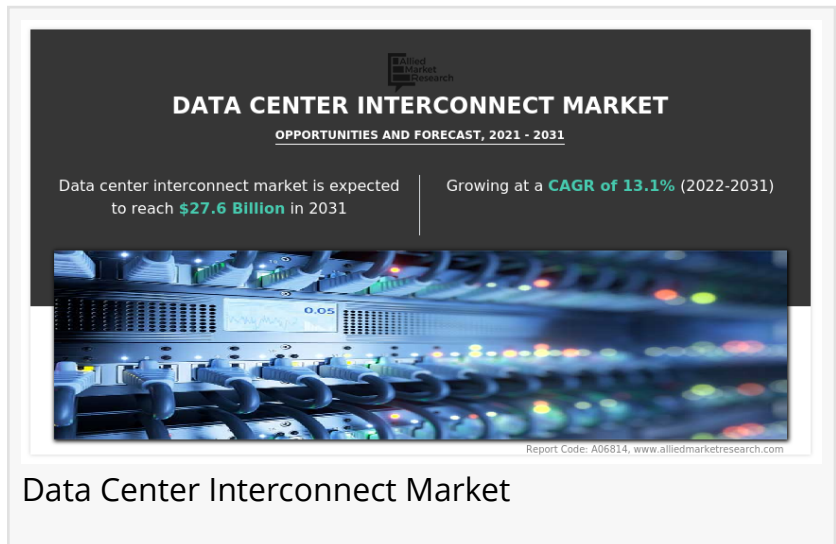


# Assessing the Changing Landscape of the Global Data Center Interconnect Market from 2022 to 2031

*The market is growing due to rising adoption of cloud-based solutions and increased use of cloud storage for enhanced efficiency and scalability.*

WILMINGTON, DE, UNITED STATES, March 17, 2025 /EINPresswire.com/ -- Allied Market Research published a report on the [data center interconnect market](#), which highlights that the industry accounted for \$8.2 billion in 2021 and is predicted to gather a revenue of \$27.6 billion by 2031, rising at a CAGR of 13.1% during 2022-2031. The report provides an in-depth study of the various segments of the market, classified on the basis of type, application, and end user. The main of this segmental analysis is to help businesses make the right investment decisions in the long run.



Data Center Interconnect Market

Data Center Interconnect (DCI) technology uses high-speed packet-optical communication to connect two or more data centers over brief, medium-term, or long-term distances. Data, applications, and content are stored and processed in data centers. Access to that data is a major problem in today's cloud-based, application-centric world. Data centers must communicate with one another to share information and content and to offer backups for redundancy. Fortunately, DCI technology makes it possible for vital assets to be transported over any distance, including short local distances as well as extremely lengthy trans-Pacific links.

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Simple point-to-point connections, more durable ROADM-based networks, or open line systems that accept transport interfaces from many vendors can all be used to carry data. Moreover, the emphasis by the data center providers on latency, throughput, streamlined operations, intelligence, security, and maintenance is expected to drive the growth of the industry during the

forecast period. In addition, the surge in demand for higher bandwidth in line with the continued advances in the latest technologies, such as the Internet of Things (IoT), has triggered the need for linking data centers reliably and cost-effectively, thereby driving the adoption of Data Center Interconnect (DCI) solutions.

### A Sneak Peek into the Evolving Nature of the Industry

The AMR report on the data center interconnect market also offers a comprehensive overview of the growth drivers, restraints, and investment opportunities in the sector to aid companies in formulating their expansion strategies accordingly. As per the study, rise in adoption of cloud-based storage solutions by IT firms across the globe has impacted the industry positively. Furthermore, the cost-efficiency associated with the use of data center interconnect solutions has increased the preference for this technology, creating favorable conditions for the growth of the market.

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On the other hand, high upfront expenditure required to establish data centers is anticipated to restrict the growth of the industry. Nonetheless, rise in need for business continuity and disaster recovery is predicted to open new avenues for growth in the industry. Moreover, rise in use of data center interconnect by various end-use sectors such as healthcare, retail, banking, and manufacturing is anticipated to generate numerous investment opportunities in the market.

### Industry Updates and Upcoming Trends

Rise in technological advancements is expected to play an important role in the growth of the data center interconnect industry in the coming period. For instance, adoption of optical interconnects has enabled IT companies to transmit data at higher speeds, thus reducing network latency. Also, emergence of software-defined networking has simplified the processes associated with data center interconnect installation and infrastructure development. Furthermore, SDN has helped IT firms reduce their cost of operations and scale their networks easily, thereby improving their profitability in the long run. Furthermore, the advent of AI and machine learning has enhanced the overall efficiency and productivity of data center interconnect systems.

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### Leading Companies in the Data center interconnect market

The AMR study also covers the competitive scenario of the industry using scientific analytical tools such as Porter's five forces. For this, the profiles of the leading players in the market are

provided in the report. The top companies analyzed in the data center interconnect sector report are:

Cisco Systems Inc.

Ciena Corporation

Huawei Technologies Co., Ltd.

Colt Technology Services Group Limited

Extreme Networks, Inc.

ADVA Optical Networking

Juniper Networks Inc.

Fujitsu Ltd.

Nokia Corporation

Infinera Corporation

In conclusion, the AMR report on the data center interconnect market provides a thorough analysis of the major factors influencing the growth of the industry during the forecast period. Furthermore, the segmental analysis and the competitive scenario presented in the study enable companies to understand the evolving nature of the industry and realign their operations to expand their footprint in the sector in the long run.

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