

# Global Data Center Interconnect (DCI) Technology Market 2024 by Company, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Data Center Interconnect (DCI) Technology market size was valued at USD 4816 million in 2023 and is forecast to a readjusted size of USD 9587.3 million by 2030 with a CAGR of 10.3% during review period.

Global Data Center Interconnect (DCI) Technology includes Ciena, Nokia, etc. Global top 3 companies hold a share over 50%. Asia Pacific is the largest market, with a share about 40%, followed by North America and Europe with the share about 40% and 20%. In terms of product, optical transmission type is the largest segment, with a share over 50%. And in terms of application, the largest end user is CSP, with a share about 50%.

The Global Info Research report includes an overview of the development of the Data Center Interconnect (DCI) Technology industry chain, the market status of CSP (Optical Transmission, Data Center Core), ICP and CNP (Optical Transmission, Data Center Core), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Data Center Interconnect (DCI) Technology.

Regionally, the report analyzes the Data Center Interconnect (DCI) Technology markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Data Center Interconnect (DCI) Technology market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Data Center Interconnect (DCI) Technology market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Data Center Interconnect (DCI) Technology industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., Optical Transmission, Data Center Core).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Data Center Interconnect (DCI) Technology market.

**Regional Analysis:** The report involves examining the Data Center Interconnect (DCI) Technology market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Data Center Interconnect (DCI) Technology market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Data Center Interconnect (DCI) Technology:

**Company Analysis:** Report covers individual Data Center Interconnect (DCI) Technology players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Data Center Interconnect (DCI) Technology This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by End User

(CSP, ICP and CNP).

**Technology Analysis:** Report covers specific technologies relevant to Data Center Interconnect (DCI) Technology. It assesses the current state, advancements, and potential future developments in Data Center Interconnect (DCI) Technology areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Data Center Interconnect (DCI) Technology market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Data Center Interconnect (DCI) Technology market is split by Type and by End User. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by End User in terms of value.

### Market segment by Type

Optical Transmission

Data Center Core

Wide Area Network

### Market segment by End User

CSP

ICP and CNP

Others

Market segment by players, this report covers

Ciena

Nokia

Huawei Technologies Co., Ltd

Juniper Networks, Inc

Infinera Corporation

ADVA

Cisco

Extreme Networks

FUJITSU

FiberHome Telecommunication Technologies

ZTE Corporation

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Data Center Interconnect (DCI) Technology product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Data Center Interconnect (DCI) Technology, with revenue, gross margin and global market share of Data Center Interconnect (DCI) Technology from 2019 to 2024.

Chapter 3, the Data Center Interconnect (DCI) Technology competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and Data Center Interconnect (DCI) Technology market forecast, by regions, type and end user, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Data Center Interconnect (DCI) Technology.

Chapter 13, to describe Data Center Interconnect (DCI) Technology research findings and conclusion.

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