

Global Data Center Interconnect Market Size study & Forecast, by Type (Hardware, Software, Service), by End User (Communications Service Providers (CSPs), Internet Content Providers and Carrier-Neutral Providers (ICPs/CNPs), Government/Research and Education (Government/R&E), Others) and Regional Analysis, 2023-2030

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Abstracts

Global Data Center Interconnect Market is valued at approximately USD 8.5 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 12.6% over the forecast period 2023-2030. The Data Center Interconnect (DCI) market refers to the industry involved in providing networking solutions and technologies that enable the interconnection of multiple data centers, facilitating seamless data transfer, resource sharing, and workload distribution across geographically dispersed locations. The Data Center Interconnect is being driven by factors such as the growing 5G network and growing cloud computing industry.

DCI solutions typically involve high-capacity network connectivity, such as optical fiber or wavelength services, to facilitate the seamless exchange of data, applications, and workloads across geographically dispersed data centers. Based on CloudScene's data from January 2021, there were approximately 8,000 data centers worldwide across 110 countries. Along with that rising 5G adoption also driving the market, According to Statista the global 5G adoption in 2021 was 536 million and it is rising in 2022 by 1004 million. Thus, the growing adoption of 5G fuels the growth of the market. In addition, the rising investment for development of data networks and rising government support towards digitalization creates a lucrative opportunity for the market. However, high initial

investment and distance and capacity concerns hinder the growth of the market throughout the forecast period of 2023-2030.

The key regions considered for the Global Data Center Interconnect Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the presence of leading companies and entities that are aggressively adopting the latest technologies to improve corporate productivity. Asia Pacific is considered the fastest growing region during the forecasted period due to the adoption and integration of optical transportation networking equipment within data centers.

Major market player included in this report are:

Huawei Technologies Co., Ltd.
Juniper Networks, Inc.
Infinera Corporation
ADVA Optical Networking
Cisco Systems, Inc.
Extreme Networks
Colt Technology Services Group Ltd.
Brocade Communication Systems Inc.
Arista Networks, Inc.
ZTE Corporation.

Recent Developments in the Market:

In November 2020, NTT Communications Corp. enhanced its Data Center Interconnect (DCI) network in collaboration with Ciena Corp. The upgrade involves the deployment of a high-speed single-wave 800G line solution. This enhancement aims to meet the increasing demand for cloud and gaming services, aligning with the ongoing expansion of 5G networks.

Global Data Center Interconnect Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered -Type, End User, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Hardware

Software

Services

By End User:

Communications Service Providers (CSPs)

Internet Content Providers and Carrier-Neutral Providers (ICPs/CNPs)

Government/Research and Education (Government/R&E)

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico

Middle East & Africa
Saudi Arabia
South Africa
Rest of Middle East & Africa

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