

Global Data Center Interconnect Market Size, Demands, Key Players, Covid-19 Impact Analysis and Forecasts to 2026

PUNE, MAHARASHTRA, INDIA, January 27, 2022 /EINPresswire.com/ -- The [Data Center Interconnect Market](#) smart home market is projected to grow from USD 8.6 billion 84.5 billion in 2021 and is projected to reach USD 17.0 billion 138.9 billion by 2026; it is expected to grow at a CAGR of 14.5 % 10.4% from 2021 to 2026.



The rising migration to cloud-based solutions, growing borderless nature of global economy coupled with surging consumption of OTT services due to nationwide lockdown imposed on account of COVID-19 is expected to fuel the growth of the data center interconnect industry. The factors such as increasing disposable income of people in developing countries, increasing importance of home monitoring in remote locations, expansion of smart home product portfolio by a large number of players are driving the growth of the smart home market. However, concerns associated with breach in security and privacy is the key high initial investments required in setting up data centers is a prominent factor limiting the growth of the data center interconnect market.smart home market.

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“Market for smart furniture is expected shared data and resources/server high-availability clusters (geoclustering) application to grow at the highestst CAGR during the forecast period.”

The Shared Data and Resources/Server High-availability Clusters is expected to exhibit highest growth during the forecast period. Shared data and resources/server high-availability clusters detect hardware/software faults and instantly provide a path to the application on the different system without needing administrative intervention. The need for the deployment of DCI for the shared data and resources/server high-availability clusters application is increasing due to the benefit it provides for the security of workloads over globally distributed data centers.

The market for smart furniture is expected to grow at the highest CAGR during the forecast period. Continual technological advancements has resulted in the incorporation of various features such as wireless smartphone charging, induction beverage warmer, and Bluetooth speakers into single furniture, a factor further expected to bolster the smart furniture market growth. Due to growing consumer shift towards connected devices, smart furniture market expected to witness robust growth over the forecast period. Furthermore, increase in technological advancements and innovations will have a positive impact on the market growth. As a result of increasing discretionary income, people are now more likely to invest in smart furniture.

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“Market for proactive type software and services products type segment to dominate the market to grow at a higher CAGR during the forecast period”

The DCI market for products type held the largest market in the year 2020 and is expected to witness a surge in the coming years due to benefits offered by these products which include enhanced capacity and lower power consumption which is extremely crucial in today's age. These products help meet the bandwidth needs of the most demanding cloud applications and data services, thus leading to their high demand.

The proactive type software and services are expected to grow at a faster rate during the forecast period. The proactive type enables transfer of a higher volume of data than the behavioral type as it can provide the inputs to the end users regarding effective energy usage and required actions on the physical parameters to reduce energy consumption. The algorithms associated with the proactive type can also perform comparative analyses of the energy usage patterns based on the time of the day, historical data, and weather conditions. Proactive solutions are more beneficial than the behavioral type as they send recommendation signals to end users to take necessary actions to reduce energy consumption; further, based on the users' actions, the measures to control the electronic devices can be implemented. Proactive solutions are more beneficial as they can also send recommendation signals to end users for taking necessary energy reduction actions and can then control the electronic devices based on the users' actions. Several proactive solutions are equipped with displays and web software packages, which provide additional information to the consumers, such as trends in energy usage, along with the information pertaining to household baseline energy usage, alarms, and goal tracking. Due to the benefits offered by the proactive type over behavioral, they are likely to be adopted to a larger extent in the smart home products in the coming years.

“Smart home DCI market for lighting control communication service providers (CSP's) to hold the second-largest share by 2021”

The data center interconnect market smart home market for lighting controls communication service providers is expected to account for the second-largest share by 2021. The communication service providers held a significant share of the global DCI market by end-user in

2020 and is expected to retain to hold a significant share throughout the forecast period. DCI solutions are widely being deployed by the communication service providers to meet the increased bandwidth requirements and facilitate seamless service delivery by interconnecting their data centers. The growth of this market can be attributed to the capability of lighting control to reduce electricity consumption in homes as the sensors adjust the intensity of artificial light according to the intensity of natural light. Lighting is one of the largest electrical loads in homes.

However, lighting appliances and devices consume lesser energy compared to other residential electric appliances, which often leads to negligence toward their energy-saving potential. Over the years, the growing environmental concerns have helped spread awareness regarding the importance of smart homes and home energy management measures. Increasing smart cities projects worldwide and rising modernization and infrastructural development would further contribute to the growth of the market. Moreover, intelligent lighting is gaining popularity and would be adopted widely to save energy in the near future. Hence, lighting controllers, now, play a vital role in reducing electricity consumption within households, along with ensuring comfort and convenience to the users. "

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"Europe to hold a significant share of the data center interconnect smart home market during the forecast period"

Europe is expected to hold a significantly large share for data center interconnect smart home market during the forecast period. Europe has a large selection of colocation data centers and service providers. The European market has various financial companies such as ING, AXA, and Allianz that generate a large amount of data; hence, the highest density of data centers is found in cities such as Frankfurt (Germany), Amsterdam (Netherlands), London (UK), and Paris (France). The major economies in the region, such as the U.K., Germany, France, and other European nations, are increasingly investing in DCI solutions. The European DCI market is expected to witness significant growth opportunities, as the major players in the region are focusing on expanding their presence in various verticals.

A large population of technology enthusiasts in European countries such as the UK and Germany, prominent smart home product-manufacturing companies, growing awareness about residential energy conservation systems, and rising demand for lighting controllers are the key drivers for the growth of the smart home market in Europe. Several major companies operating in the smart home market are based in Europe such as ABB (Switzerland), ASSA ABLOY (Sweden), Legrand (France), Robert Bosch (Germany), Schneider Electric (France), and Siemens (Germany), among others, which are focused towards developing innovative smart home solutions. Moreover, the EU has a high GDP rate, along with a high standard of living, which makes adoption of smart homes and related products affordable to consumers. Consumers in the EU are aware of the benefits of smart homes and the need for power efficiency. These factors have

paved the way for increased adoption of smart home solutions in the region.

In the process of determining and verifying the market size for several segments and sub segments gathered through secondary research, extensive primary interviews have been conducted with key industry experts in the data center interconnect smart home space. The break-up of primary participants for the report has been shown below:

- By Company Type: Tier 1 – 40%, Tier 2 – 40%, and Tier 3 – 20%
- By Designation: C-level Executives – 40%, Directors – 40%, and Others – 20%
- By Region: North America – 40%, APAC – 33%, Europe – 22%, and RoW – 10%

The report profiles key players in the data center interconnect market smart home market with their respective market ranking analysis. Prominent players profiled in this report include Ciena Corporation (US), Nokia Corporation (Finland), Huawei Technologies (China), Juniper Networks, Inc. (US), Infinera Corporation (US), ADVA Optical Networking SE (Germany), Cisco Systems (US), Extreme Networks, Inc. (US), Fujitsu Ltd (Japan), Colt Technology Services Group Limited (UK), Equinix (US), XKL, LLC (US), Ekinops S.A (France), Cologix (US), Pluribus Networks (US), Ranovus (Canada), Innovium (US), ZTE Corporation (China), Megaport (Australia), Brocade Communication Systems (US), Evoque Data Center Solutions (US), CoreSite Realty Corporation (US), Digital Realty Trust, Inc (US), Fiber Mountain (US), Flexential (US) and Cyxtera Technologies (US). Honeywell (US), Siemens (Germany), Johnson Controls (Ireland), Schneider Electric (France), ASSA ABLOY (Sweden), Amazon (US), Apple (US), ADT (US), ABB (Switzerland), Robert Bosch (Germany), Sony (Japan), Samsung Electronics (South Korea), Ooma (US), Delta Controls (Canada), Control4 (US), Axis Communications (Sweden), Comcast (US), Smarthome (US), Crestron Electronics (US), SimpliSafe (US), Armorax (US), Canary (US), LG Electronics (South Korea), Lutron (US), and Legrand (France).

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Research Coverage:

This research report categorizes the data center interconnect smart home market on the basis of type, application, end-user and region. product, software & services sales channel, and geography. The report describes the major drivers, restraints, challenges, and opportunities pertaining to the data center interconnect market smart home market and forecasts the same till 2026 (including analysis of COVID-19 impact on the market). Apart from these, the report also consists of leadership mapping and analysis of all the companies included in the data center interconnect smart home ecosystem.

Key Benefits of Buying the Report:

The report would help leaders/new entrants in this market in the following ways:

- This report segments the data center interconnect market smart home market comprehensively and provides the closest market size projection for all sub segments across different regions.

- The report helps stakeholders understand the pulse of the market and provides them with information on key drivers, restraints, challenges, and opportunities for market growth.
- This report would help stakeholders understand their competitors better and gain more insights to improve their position in the business. The competitive landscape section includes competitor ecosystem, product developments and launches, partnerships, and mergers and acquisitions.
- The analysis of the top 25 companies, based on the market rank as well as the product footprint will help stakeholders visualize the market positioning of these key players.
- Patent analysis, trade data, and technological trends that will shape the market in the coming years has also been covered in this report.

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