

China Data Center Market, By Solution (IT Infrastructure, General Infrastructure, Electrical Infrastructure, Mechanical Infrastructure and Others), By Type (Corporate and Web Hosting), By End User Industry (IT & Telecom, Government, BFSI, Healthcare and Others), By Region, Competition Forecast & Opportunities, 2027

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Abstracts

The China data center market is anticipated to witness a growth of double-digit CAGR in the forecast period, 2023-2027. Expansion of the IT industry, use of advanced technologies by enterprises to remain competitive in the market, and the rapid construction of data centers are the primary factors driving the growth of the China data center market in the forecast period.

Data center is a physical facility that becomes the central host of IT equipment and operation. They are considered the powerhouse of the industrial world. Organizations are continuously changing how they operate to meet the changing and developing economy's requirements to boost power and data generation. Organizations can generally not handle vast amounts of data internally or with their existing infrastructure, and data centers provide the opportunity to organizations to outsource to meet their power requirements. Data centers actively privatize the power to ensure that each business is connected to each grid to reduce operational and maintenance costs incurred in the process.

Advancement Of IT Infrastructure in Enterprise Drives the Market Growth

The rise in efforts to construct data centers at a large scale to meet the accelerating

demand from enterprises to scale up their data centers operations is influencing the market demand. The application of novel technologies such as the internet of things, artificial intelligence, machine learning, along with the deployment of 5G technology, fuel the demand for reliable data services to meet the enterprises' high computational power needs. The development of the telecommunication industry and rapid growth of internet users in the country is expected to boost the demand for China data center market.

China boasts of one of the largest numbers of supercomputers around the world and witnesses a high demand for fast computational speed for commercial applications. The surge in the efforts made by the leading authorities to make China one of the prominent powerhouses in the world is fueling the construction of data centers in the country.

Leading authorities are encouraging the adoption of internet technology in the private and public business sectors, promoting the country's digital transformation. The proliferation and adoption of online payment gateways, mobile wallets, net banking by the consumers, and the rise in the number of IT players operating in the province are expected to fuel the China data center market growth.

Proliferation Of E-Commerce Sector Fuels Market Growth

An increase in the number of market players availing the online sales channel as a medium to sell the products and expand the consumer base to boost the reach of their products at global levels is expected to influence the market demand. Market players are investing in providing a personalized shopping experience to customers by buying various data analytics tools and software to enhance the services offered to the customers. They store vast amounts of data for processing and generate needful insights to make marketing strategies stay ahead. Customers enter their personal information along with contact and delivery details to facilitate easy delivery of products which is expected to propel the need for data centers to store and manage the data efficiently.

Market Segmentation

The China data center market is segmented on the basis of solution, type, end user industry, regional distribution, and company. Based on the solution, the market is divided into IT infrastructure, general infrastructure, electrical infrastructure, mechanical infrastructure, and others. Based on the type, the market is bifurcated into corporate and web hosting. Based on the payment mode, the market is divided into IT & telecom,

government, BFSI, healthcare and others. To analyze the market based on the region, the China data center market is studied in major regions namely East China, North China, North East China, South Central China, North West China, South West China.

Market Players

21Vianet Group, GDS Holdings Limited, Alibaba Group Holding Limited, China Mobile Limited, Beijing Sinnet Technology Co. Ltd, China Telecommunications Corporation, Shanghai AtHub Co. Ltd., Wangsu Science & Technology Co. Ltd., China United Network Communications Group Co. Ltd., are among the major market players in the China that lead the market growth of the China data center market.

Report Scope:

In this report, China data center market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

China Data Center Market, By Solution:

- IT Infrastructure
- General Infrastructure
- Electrical Infrastructure
- Mechanical Infrastructure
- Others

China Data Center Market, By Type:

- Corporate
- Web Hosting

China Data Center Market, By End User Industry:

- IT & Telecom

Government

BFSI

Healthcare

Others

China Data Center Market, By Region:

East China

North China

North East China

South Central China

North West China

South West China

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in China data center market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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