

Containerized Data Center Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global containerized data center market size reached US\$ 8.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 30.7 Billion by 2028, exhibiting a growth rate (CAGR) of 22.4% during 2023-2028.

A containerized data center refers to a modular and portable data center pre-installed inside a shipping container. The containers, or pods, can house all the essential data center components, such as servers, racks, power, heating, cooling, networking, storage and computing devices. In comparison to the traditionally used data centers, they require minimal operational space, aid in managing heavy data traffic and act as a caching and data aggregation point between the users and the servers. As a result, they find extensive applications across various industries, such as banking, financial services and insurance (BFSI), telecommunications, information technology (IT), defense, healthcare and education.

Significant growth in the IT industry across the globe represents one of the key factors creating a positive outlook for the market. With the widespread adoption of cloud computing solutions by organizations, there has been a substantial increase in the demand for portable and energy-efficient data centers with plug-and-play capabilities. In line with this, the increasing demand for edge computing and scalable data computing solutions is also driving the market growth. Furthermore, the sudden outbreak of the coronavirus disease (COVID-19) has further led to the utilization of digital banking solutions that are based on containerized data centers, thereby providing growth opportunities to the market players. Various technological advancements, such as the

integration with the Internet of Things (IoT) and disaster recovery systems, are acting as other growth-inducing factors. Organizations are deploying containerized data centers to secure their data stored in disaster-prone areas and ensuring optimal performance without disturbing the core systems. Other factors, including the increasing demand for these data centers from the defense sectors, along with extensive research and development (R&D) activities, are anticipated to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global containerized data center market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type of container, organization size, application and end use industry.

Breakup by Type of Container:

- 20 FT Container
- 40 FT Container
- Customized Container

Breakup by Organization Size:

- Small Organization
- Midsize Organization
- Large Organization

Breakup by Application:

- Greenfield
- Brownfield
- Upgrade and Consolidation

Breakup by End Use Industry:

- BFSI
- IT and Telecommunications

Government
Education
Healthcare
Defense
Entertainment and Media
Others

Breakup by Region:

North America

United States
Canada

Asia Pacific

China
Japan
India
South Korea
Australia
Indonesia
Others

Europe

Germany
France
United Kingdom
Italy
Spain
Russia
Others

Latin America

Brazil
Mexico

Others

Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Cisco Systems Inc., Dell Technologies Inc., Eaton Corporation plc, Hewlett Packard Enterprise Comp, Huawei Technologies Co. Ltd., International Business Machines Corporation, Johnson Controls, Rittal GmbH & Co. KG (Friedhelm Loh Group), Schneider Electric SE and ZTE Corporation.

Key Questions Answered in This Report:

What was the size of the global containerized data center market in 2022?

What is the expected growth rate of the global containerized data center market during 2023-2028?

What has been the impact of COVID-19 on the global containerized data center market?

What are the key factors driving the global containerized data center market?

What is the breakup of the global containerized data center market based on the type of container?

What is the breakup of the global containerized data center market based on the organization size?

What is the breakup of the global containerized data center market based on the application?

What is the breakup of the global containerized data center market based on the end use industry?

What are the key regions in the global containerized data center market?

Who are the key players/companies in the global containerized data center market?

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