SCOTTS
INTERNATIONAL

Data Center Server - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2030

Market Report | 2024-02-17 | 120 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License $4750.00
- Team License (1-7 Users) $5250.00
- Site License $6500.00
- Corporate License $8750.00

Report description:

The Global data center server market reached the value of USD 88.9 billion in the previous year, and it is further projected to register a CAGR of 15.5% during the forecast period. The increasing demand for cloud computing among small and medium-sized enterprises (SMEs), government regulations for local data security, and growing investment by domestic players are some of the major factors driving the demand for data centers globally.

Key Highlights
-The upcoming IT load capacity of the Global data center server market is expected to reach 71K MW by 2029.
-The region's construction of raised floor area is expected to increase 273.9 million sq. ft by 2029.
-The region's total number of racks to be installed is expected to reach 14.2 million units by 2029. North America is expected to house the maximum number of racks by 2029.
-There are close to 500 submarine cable systems connecting the regions globally, and many are under construction. One such submarine cable that is estimated to start service in 2025 is CAP-1, which stretches over 12,000 Kilometers with a landing point in Grover Beach, United States.

Data Center Server Market Trends

IT & Telecommunication Holds the Major Share.

- Cloud and telecom are expected to drive the major demand growth. The demand for cloud services is promising in North

American, European, and Asian countries. Currently, 10-15% of data in Australia is created and processed outside a centralized data center or cloud, but the number is expected to cross 60-70% by 2025, a global trend that is also reflected in Australia. The need for cloud solutions continues to grow in Denmark, and the demand for cloud-based data protection and backup solutions is expected to get robust.
- The demand for cloud-based services is highly concentrated in regions like Central America and South America (the United States, Canada, Mexico, and Brazil), Middle East & Africa (Nigeria, South Africa, Egypt, Turkey, the United Arab Emirates, and Saudi Arabia), Southeast Asia (Malaysia, Vietnam, Thailand, Indonesia, the Philippines, and Singapore), Asia-Pacific (India, Japan, and China), and parts of Europe.
- In North America, the cloud also offers pay-as-you-go options, which enable businesses to pay for cloud services in accordance with how frequently consumers access them, resulting in lower expenses. Since cloud services are available on demand, large-scale organizations are embracing them quickly. In 2022, American Airlines moved customer-facing applications to VMware HCX on IBM Cloud to offer digital self-service features. The North American market for data centers is expected to grow due to many small and medium-sized businesses adopting cloud-based systems.
- Further, Telecom suppliers are encouraged to invest in the data center business due to the rising adoption of 4G and the impending 5G wave. In October 2022, the 5G high-speed internet network was established by South African telecoms provider "Telkom," supported by Huawei Technologies from China. Huawei continues to assist South Africa in developing its 5G networks. The prominent 5G network on the African continent has more than 2,800 base stations deployed.
- Developments such as increasing adoption of cloud services, expansion of 5G networks, and the ongoing demand for online payments are, in turn, expected to boost the demand for the data center market from the IT and telecom segment, leading to major demand for the servers during the forecast period.

Asia-Pacific Region is the Fastest Growing

- APAC is one of the fastest-developing data center regions in the world. The region's huge population base, which accounts for nearly 50% of the estimated global count, is ultimately the key driver for colocation data center services and facilities.
- China and Australia have the most data center facilities. China is boosting its computing power, and it has become a prominent nation in terms of supercomputer volume. As of June 2022, 173 of the world's 500 most powerful supercomputers were located in China, which is a third more than that of its nearest competitor, the United States.
- In Australia, government initiatives such as the Australia Government Information Management Office (AGIMO) are leading the way in optimizing data center resources with the introduction of the Australia Government Data Centre Strategy 2010-2025. The strategy represents a transition from using government-run data centers to third-party, multi-tenant data centers.
- The appetite for public cloud services in Australia continued to grow in 2019, with 42% of businesses in the country reporting the use of cloud computing compared to 31% in 2015-16. Market vendors are rolling out enhanced product offerings curated for IT industry end users, which is also driving growth in this segment.
- Growing urbanization and greater penetration in emerging markets such as India and Indonesia are expected to drive the next wave of growth. In India, as of July 2022, there were 692 million active internet users, and as of February 2022, there were 467 million active social media users across the country. The growing penetration of mobile internet boosted the power of connectivity through increased over-the-top (OTT) and social media usage. Due to their dense wet cable ecosystem, coastal cities in India, such as Mumbai and Chennai, are leading the race. The proper latencies can be found here, having reliable power sources and landing stations for cable networks.
- The increasing technology developments, the growing adoption of cloud services, e-commerce sales, and the increasing internet population drive the demand for data centers, which is expected to grow significantly, resulting in an increasing need for data center servers in the coming years.

Data Center Server Industry Overview

The upcoming DC construction projects in the region will increase the demand for data center servers in the coming years. The global data center server market is moderately consolidated with a few major players, such as Dell Inc., Hewlett Packard Enterprise, Fujitsu, and Lenovo Group Limited. These major players, with a prominent market share, focus on expanding their regional customer base.

In August 2023, Dell Inc. is transitioning its servers with Next-generation Dell PowerEdge servers from OSA to ESA with PowerEdge R760 powered by 4th-generation Intel Xeon Processors.

In January 2023, Cisco announced the launch of the 7th generation of UCS C-Series and X-Series servers, powered by 4th generation Intel Xeon Scalable processors. With support for the latest Intel processors, Cisco has launched two new blades for the X-Series: the Cisco UCS X210c M7 Compute Node and the Cisco UCS X410c M7 Compute Node.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

5.1.1 Blade Server
5.1.2 Rack Server
5.1.3 Tower Server
5.2 End-User
5.2.1 IT & Telecommunication
5.2.2 BFSI
5.2.3 Government
5.2.4 Media & Entertainment
5.2.5 Other End-User
5.3 Geography
5.3.1 North America
5.3.2 South America
5.3.3 Europe
5.3.4 Middle East
5.3.5 Africa
5.3.6 Asia-Pacific

6 COMPETITIVE LANDSCAPE
6.1 Company Profiles
6.1.1 Dell Inc.
6.1.2 Hewlett Packard Enterprise

6.1.3 Lenovo Group Limited
6.1.4 Fujitsu Limited
6.1.5 Cisco Systems Inc.
6.1.6 Kingston Technology Company Inc.
6.1.7 Huawei Technologies Co. Ltd.

6.1.8 Inspur Group
6.1.9 International Business Machines (IBM) Corporation
6.1.10 Atos SE

7 INVESTMENT ANALYSIS

8 MARKET OPPORTUNITIES AND FUTURE TRENDS

Data Center Server - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2019 - 2030

Market Report | 2024-02-17 | 120 pages | Mordor Intelligence

To place an Order with Scotts International:
- - Print this form
- - Complete the relevant blank fields and sign
- - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	$4750.00
	Team License (1-7 Users)	$5250.00
	Site License	$6500.00
	Corporate License	$8750.00
	VAT	
	Total	

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*		Phone*	
First Name*		Last Name*	
Job title*			
Company Name*		EU Vat / Tax ID / NIP number*	
Address*		City*	
Zip Code*		Country*	
		Date	2026-03-04
		Signature	

Scotts International. EU Vat number: PL 6772247784
tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com