

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

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Report description:

The France data center server market reached a value of USD 3.2 billion in the previous year, and it is further projected to register a CAGR of 9.2% 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 in the country.

Under Construction IT Load Capacity: The upcoming IT load capacity of the France data center market is expected to reach 1300 MW by 2029.

Under Construction Raised Floor Space: The country's construction of raised floor area is expected to increase to 6.3 million sq. ft by 2029.

Planned Racks: The country's total number of racks to be installed is expected to reach 316,000 units by 2029. Paris (Ile-De-France) is expected to house the maximum number of racks by 2029.

Planned Submarine Cables: There are close to 28 submarine cable systems connecting France, and many are under construction. In April 2023, French telecom operator Orange announced the construction of a submarine cable linking the city of Bizerte in Tunisia with the city of Marseille in France. Commissioning is scheduled for the end of 2025.

France Data Center Server Market Trends

IT & Telecommunication Segment To Hold A Major Share In The Market

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- Cloud data centers house IT infrastructure resources for shared use by multiple customers via an Internet connection.
- The expansion of its IT infrastructure has been receiving major funding from the French government. The popularity of and investments in cloud computing services are rising in France. The French government set a EUR 1.8 billion (USD 2.1 billion) plan for 2021 to finance research initiatives to expand France's cloud computing business.
- The rising adoption of the cloud across most businesses is being driven by new technologies like artificial intelligence, big data, and blockchain. The share of companies that acquired cloud computing services increased from 17% in 2016 to 27% in 2020, suggesting an upward trend and a growing demand for data processing facilities. Scalable and strong cloud networks are being developed with the help of hyperscale data centers, which can enhance customer satisfaction, increase availability, and cut costs.
- In terms of 5G network services, France saw the deployments of these networks in 2020 for commercial and industrial services from Nokia, Orange Business Services, Free Mobile, Ericsson, and SNCF. According to French government plans, 5G should be available across the country by 2030. All four major operators had planned to install 5G in 3,000 locations by 2022, 8,000 by 2024, and 10,500 by 2025, which will further suggest the exponential generation of raw data in the near future. The 2G and 3G services will be decommissioned by 2026 and 2029, respectively.
- The rising use of smartphones in the French market results in a constant increase in data, necessitating a growing amount of storage space to accommodate this uncontrollable flow of data with the need for real-time processing and analysis. The data centers must manage the sheer amount of data. Thus, the requirement for extra servers in French data centers may increase as the number of smartphone users rises.

Blade Servers To Grow At A Faster Pace In The Coming Years

- Blade servers are designed to save space in data centers. Multiple blade servers can be housed in a single chassis, reducing the physical footprint required for your servers.
- Blade server chassis are typically designed with efficient cooling mechanisms, which can help maintain a consistent temperature in the data center and reduce cooling costs.
- Blade servers often come with integrated management tools that allow for centralized control and monitoring of all servers within the chassis.
- The growing adoption of technologies such as cloud computing, artificial intelligence (AI), IT services, Internet penetration, and social media users by businesses are propelling the use of servers in data centers.
- Blade servers are generally designed with energy efficiency in mind, helping to reduce power consumption and operational costs.

France Data Center Server Industry Overview

The France data center server market is relatively low in terms of competition. It has some players in the market, such as Dell Inc., Cisco Systems Inc., Kingston Technology Company Inc., Hewlett Packard Enterprise, and International Business Machines (IBM) Corporation. These major players focus on expanding their customer base in the country. These companies leverage strategic collaborative initiatives to increase their market share and profitability.

In May 2023, Cisco introduced UCS X servers that cut data center energy use in half. The combination of the Cisco Intersight infrastructure management platform and Unified Computing System (UCS) X-Series servers reduces data center energy consumption by up to 52% at a 4:1 server consolidation rate.

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In July 2023, Dell launched Generative Artificial Intelligence Solutions that offers a modular, full-stack architecture for enterprises seeking a secure, high-performance, proven architecture for deploying large language models (LLM). A paradigm shift in IT planning has taken place due to the rapid demand for GenAI at work, which will continue to ripple through the industry. Thus, there has been a strong demand for graphics processing unit (GPU) accelerator servers that are driving the computational intensive training and inferencing of GenAI workflows.

Additional Benefits:

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

Table of Contents:

1 INTRODUCTION

1.1 Study Assumption & Market Definition

1.2 Scope of the Study

2 Research Methodology

3 Executive Summary

4 Market Dynamics

4.1 Market Overview

4.2 Market Drivers

4.2.1 Increase in construction of new data centers, development of internet infrastructure

4.2.2 Increasing adoption of cloud and IoT services

4.3 Market Restraints

4.3.1 Rising CapEx for data center construction

4.4 Value Chain / Supply Chain Analysis

4.5 Industry Attractiveness - Porter's Five Forces Analysis

4.5.1 Threat of New Entrants

4.5.2 Bargaining Power of Buyers/Consumers

4.5.3 Bargaining Power of Suppliers

4.5.4 Threat of Substitute Products

4.5.5 Intensity of Competitive Rivalry

4.6 Assessment of COVID-19 Impact

5 MARKET SEGMENTATION

5.1 Form Factor

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

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6 COMPETITIVE LANDSCAPE

6.1 Company Profiles

6.1.1 Dell Inc.

6.1.2 Hewlett Packard Enterprise

6.1.3 International Business Machines (IBM) Corporation

6.1.4 Cisco Systems Inc.

6.1.5 Kingston Technology Company Inc.

6.1.6 Huawei Technologies Co. Ltd.

6.1.7 Nvidia Corporation

6.1.8 Fujitsu Limited

6.1.9 NEC Corporation

6.1.10 Oracle Corporation

7 INVESTMENT ANALYSIS

8 MARKET OPPORTUNITIES AND FUTURE TRENDS

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