

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

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Report description:

The Italy data center server market is projected to register a CAGR of 10.9%.

Key Highlights

- The upcoming IT load capacity of the Italy data center market is expected to reach 805.2 MW by 2029.
- The country's construction of raised floor area is expected to increase to 5.36 million sq. ft by 2029. The country's total number of racks to be installed is expected to reach 268,408 units by 2029. Greater Milan will likely house the maximum number of racks by 2029.
- There are close to 19 submarine cable systems connecting Italy, and many are under construction. One such submarine cable, estimated to be built by the end of 2025, is Unitirreno Cable, which stretches over 890 Kilometers with landing points in Fiumicino, Genoa, and Mazara del Vallo in Italy.

Italy Data Center Server Market Trends

BFSI to Hold Significant Market Share

- Media & entertainment, manufacturing, BFSI, e-commerce, and government services are the end users likely to catalyze growing IT load capacity by increasing data consumption. It is expected that the Italian government will improve its services, leading to a rise in power capacity from 23.8 MW in 2023 to 61.6 MW in 2029.
- The government, an end user, is projected to hold 8% of the market share in 2023 and grow to 9% by 2029. Manufacturing is

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expected to grow by 19.2% during the forecast period. It is expected to reach 95.8 MW in 2029. Manufacturing accounts for 23.6% of GDP. Italy has around 5,000 companies and is known for its machinery. Italy has already introduced Industry 4.0 to its manufacturing companies to cater to surplus demand.

- Automation and technology are expected to catalyze data consumption. Additionally, factors such as online shopping would contribute to the increasing generation of data and processing facilities. As users grow more inclined to online shopping with attractive deals offered, this would lead to a rise in digital payment services and traffic on websites, thus increasing data consumption. All these factors would contribute to a significant increase in consumption, boosting the demand for data centers.

Blade Server To Have The Highest Market Share

- The type of server that's designed to be in a data center is the blade server. These servers share a common chassis or enclosure, making them thinner and more compact. Space efficiency, modularity, reduced cable fragmentation, efficient cooling, centralized management, frequency availability, and energy efficiency are some of the main features and benefits of blade servers.

- Single or multiple server blades can be inserted or removed without distressing another running system. It reduces hardware costs, which is likely to entice industry players to adopt the technology, thereby fueling market growth. Additionally, each server blade does not consist of a distinct infrastructure and chassis, owing to which the product is relatively cheaper as compared to other solutions.

- To cater to end-user needs, the top companies are focusing on blade servers in data centers. The prominent companies that manufacture blade servers in Italy include Dell (PowerEdge M Series), HPE (ProLiant BL Series), Cisco (UCS Blade Servers), and Lenovo (ThinkSystem Blade Servers), among others.

- The growing adoption of technologies such as cloud computing, artificial intelligence (AI), and IT services by businesses is propelling the use of servers in data centers. This sector is driven by the increased demand for streaming solutions and hyperscale data centers. Hyperscale computing, which is considered to be cost-effective in terms of enabling applications for large amounts of data, relies on the highly scalable server architecture and virtual networks that are becoming more and more popular.

- In the future, the growing internet penetration and fiber connectivity will push the country digitally, which could propel Italy's digital economy. For instance, the evolution of healthcare would focus on reengineering clinical care and operations around digital health and the pervasive, real-time use of data and advanced analytics to achieve these goals. Such achievements would require storing a large amount of data, driving the need for data center blade servers over the forecast period.

- Further, the development of smart cities in Milan and Bergamo regions may trigger the increase in smart devices, requiring data centers to process these huge pools of data, simultaneously increasing the IT load capacity over the years. Such developments act as a catalyst for the market studied.

Italy Data Center Server Industry Overview

The Italy data center server market is moderately consolidated, with significant companies such as Dell Inc., International Business Machines (IBM) Corporation, Huawei Technologies Co. Ltd., Cisco Systems Inc. and Lenovo Group Limited.

Additional Benefits:

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

Table of Contents:

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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 Major Initiatives Undertaken by Governments to Promote Digital Economy and Connectivity Infrastructure

4.2.2 Rising Adoption of Hyperscale Data Centers

4.3 Market Restraints

4.3.1 Environmental, Cost, and Workforce-related Challenges

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

6 COMPETITIVE LANDSCAPE

6.1 Company Profiles

6.1.1 Dell Inc.

6.1.2 International Business Machines (IBM) Corporation

6.1.3 Lenovo Group Limited

6.1.4 Cisco Systems Inc.

6.1.5 Kingston Technology Company Inc.

6.1.6 Quanta Computer Inc.

6.1.7 Super Micro Computer Inc.

6.1.8 Huawei Technologies Co. Ltd.

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6.1.9 Inspur Group

7 INVESTMENT ANALYSIS

8 MARKET OPPORTUNITIES AND FUTURE TRENDS

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