

# **Server Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Processor Type (X86 Servers, ARM Servers, SPARC Servers, Power Servers), By Type of Server (Rack Servers, Blade Servers, Tower Servers, Micro Servers, Mainframe Servers), By End-User Industry (Healthcare, IT and Telecom, Hospitality, Retail, Manufacturing), By Region & Competition, 2021-2031F**

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## **Abstracts**

The Global Server Market will grow from USD 103.82 Billion in 2025 to USD 198.64 Billion by 2031 at a 11.42% CAGR. A server is a dedicated computer or system designed to manage network resources and provide data, services, or programs to client devices. The market is primarily supported by the accelerating migration to cloud computing architectures, the extensive digitization of enterprise operations, and the critical demand for computational power to support artificial intelligence workloads.

## **Key Market Drivers**

The Proliferation of Artificial Intelligence and Machine Learning Workloads is acting as a primary catalyst for the Global Server Market, necessitating a fundamental shift towards high-performance computing architectures. As enterprises and research institutions aggressively integrate generative AI models, there is a critical requirement for specialized hardware equipped with advanced GPU accelerators and high-bandwidth memory to handle complex training and inference tasks. This technological pivot has resulted in a surge of orders for accelerated computing units, distinguishing them from traditional general-purpose servers.

## Key Market Challenges

The escalating operational expenditure associated with energy consumption presents a distinct barrier to the expansion of the global server market. As enterprises integrate high-performance computing clusters to manage complex workloads, the electricity required to power and cool these dense configurations rises sharply. This substantial increase in operating costs often erodes profit margins and compels organizations to delay hardware refresh cycles or limit the scale of new infrastructure deployments.

## Key Market Trends

The Accelerated Adoption of Liquid and Immersion Cooling Solutions is becoming a critical requirement as server thermal design power densities surpass the physical limits of traditional air-cooled infrastructure. With next-generation AI processors and high-performance computing clusters generating unprecedented heat loads, data center operators are rapidly standardizing direct-to-chip and immersion cooling technologies to ensure hardware reliability and energy efficiency. This transition is shifting from niche deployments to broad market integration, driven by the need to support dense GPU configurations without incurring prohibitive operational costs.

## Key Market Players

Dell Technologies Inc

Hewlett Packard Enterprise Development LP

Lenovo Group Limited

Inspur Information

Cisco Systems Inc.

Huawei Technologies Co. Ltd.

Inspur

Oracle Corporation.

Fujitsu

Super Micro Computer Inc.

### **Report Scope:**

In this report, the Global Server Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

#### Server Market, By Type of Server:

Rack Servers

Blade Servers

Tower Servers

Micro Servers

Mainframe Servers

#### Server Market, By End-User Industry:

Healthcare

IT and Telecom

Hospitality

Retail

Manufacturing

#### Server Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

## **Competitive Landscape**

Company Profiles: Detailed analysis of the major companies present in the Global Server Market.

## **Available Customizations:**

Global Server Market report 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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