

# **Asia Pacific Microserver Market Size study, by Component (Hardware, Software) by Function (Intel, AMD, Others) by Organization Size (Large Enterprise, Small and Medium Sized Enterprise) by Application (Data Center, Data Analytics, Cloud Computing, Others) and Country Forecasts 2022-2032**

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## **Abstracts**

Asia Pacific Microserver Market is valued approximately USD 9.37 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 18.80% over the forecast period 2024-2032. Microserver is a specialized type of server designed for lightweight computing tasks within data centers or enterprise environments. These servers are characterized by their compact form factor and energy-efficient design, featuring low-power processors, minimal RAM, and storage capacities. Unlike traditional servers, which are typically large and versatile, microservers are optimized for specific functions or services, often as part of a distributed infrastructure. They excel in scenarios where scalability and redundancy are crucial, offering a balance between performance and efficiency. Microservers provide end-users with several advantages, including reduced energy costs and physical space requirements due to their compact size and power efficiency. Collaboration and partnerships among technology vendors, telecommunications companies, and cloud service providers are driving innovation and market growth in the Asia Pacific Microserver Market. These partnerships aim to develop integrated solutions, expand market reach, and address the unique needs of customers in the region.

Asia Pacific countries, particularly China, Japan, and South Korea, are leading the adoption of smart manufacturing and Industry 4.0 initiatives. Microservers play a crucial role in enabling real-time data analytics, process optimization, and predictive

maintenance in smart manufacturing environments. Moreover, the rollout of 5G networks across Asia Pacific is driving the need for edge computing infrastructure to support low-latency applications and services. Microservers are essential components of edge computing deployments for 5G networks, enabling distributed computing resources closer to end-users. Furthermore, Asia Pacific Microserver Market is driven by rising rapid adoption of edge computing and emergence of ai and ml applications in the region. However, data security concerns, on the other hand, will stifle market growth between 2022 and 2032.

The key Countries considered for the Asia Pacific Microserver market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, Japan was the largest regional market share. Japan has a highly developed and technologically advanced economy, with a strong emphasis on innovation and research and development (R&D). The country is home to numerous technology companies, research institutions, and universities that drive advancements in computing technologies, including microservers. Additionally, Japan has a robust IT infrastructure and a high level of digitalization across various industries. This creates a favorable environment for the adoption of micro servers, particularly in sectors such as manufacturing, finance, telecommunications, and healthcare, where computing demands are high. The market in India, on the other hand, is expected to develop at the fastest rate over the forecast period.

Major market player included in this report are:

Quanta Computer Inc.

AsusTek Computer Inc.

Wiwynn Corporation

Wistron Corporation

Foxconn Technology Group

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Component

Hardware

Software

**By Function**

Intel

AMD

Others

**By Organization:**

Large Enterprise

Small and Medium Sized Enterprise

**By Application:**

Data Center

Data Analytics

Cloud Computing

Others

**By Region:**

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

**Years considered for the study are as follows:**

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

**Key Takeaways:**

Market Estimates &amp; Forecast for 10 years from 2022 to 2032.

Annualized revenues and country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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