

# Micro Server IC Market Size, Share & Trends Analysis Report By Component (Hardware, Software), By Processor (Intel, Arm), By Application (Web Hosting & Enterprises, Analytics & Cloud Computing), By End Use, By Region, and Segment Forecasts, 2024 - 2030

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## Abstracts

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### Micro Server IC Market Size & Trends

The global micro server IC market was estimated at USD 1.49 billion in 2023 and is expected to grow at a CAGR of 12.8% from 2024 to 2030. The market is currently experiencing dynamic growth driven by several key trends and drivers including rising demand for energy efficiency, increasing adoption of cloud services, and proliferation of IoT devices.

Micro servers are compact, energy-efficient servers designed for lightweight workloads, and have gained traction due to their ability to support diverse applications such as cloud computing, edge computing, and data analytics in a cost-effective manner. One significant trend shaping the market is the increasing adoption of cloud services and the proliferation of data centers globally. As enterprises and service providers seek scalable and efficient computing solutions, micro servers offer an attractive option due to their low power consumption and high density, which helps in maximizing space utilization within data centers.

Moreover, advancements in technology and the growing demand for computational power are fueling innovation within the micro server IC market. Manufacturers are developing more powerful and energy-efficient ICs that cater specifically to the

needs of microservers, thereby enhancing overall performance while reducing operational costs. This trend is complemented by the rising popularity of hyperscale computing environments, where large-scale data processing and storage requirements necessitate scalable and flexible server solutions.

In addition to these technological advancements, the market benefits from the increasing deployment of edge computing infrastructure. Edge computing, which involves processing data closer to the source of generation, is driving the demand for microservers at the network edge. These servers facilitate real-time data processing and analytics, supporting applications ranging from IoT (Internet of Things) devices to autonomous vehicles and smart cities.

### Global Microserver IC Market Report Segmentation

The report forecasts revenue growth at global, regional, and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2018 to 2030. For this study, Grand View Research has segmented the global microserver IC market based on component, processor, application, end use, and region.

#### Component Outlook (Revenue, USD Million, 2018 - 2030)

Hardware

Software

#### Processor Outlook (Revenue, USD Million, 2018 - 2030)

Intel

Arm

#### Application Outlook (Revenue, USD Million, 2018 - 2030)

Web hosting and enterprises

Analytics and cloud computing

Edge Computing

End Use Outlook (Revenue, USD Million, 2018 - 2030)

Enterprises

Small Scale Enterprises

Medium Scale Enterprises

Large Scale Enterprises

Data Centers

Regional Outlook (Revenue, USD Million, 2018 - 2030)

North America

U.S.

Canada

Mexico

Europe

Germany

UK

France

Asia Pacific

China

India

Japan

Australia

South Korea

Latin America

Brazil

Middle East & Africa

UAE

Kingdom of Saudi Arabia

South Africa

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