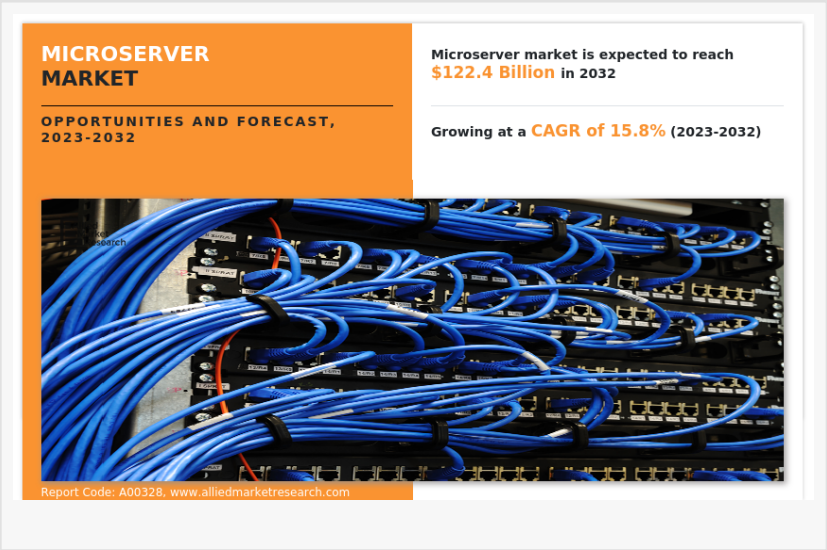
Microserver Market Forecast : Surpass USD 122.4 Billion by 2032, with a CAGR of 15.8%

WILMINGTON, DE, UNITED STATES, September 16, 2024 / EINPresswire.com/ -- Global Microserver market size was valued at $28.8 billion in 2022, and is estimated to reach $122.4 billion by 2032, growing at a CAGR of 15.8% from 2023 to 2032.



The ever-expanding microserver market is driven by the increasing demand for data centers and cloud services, which has led to a surge in the deployment of microservers. These compact and energy-efficient servers are well-suited for tasks like web hosting, content delivery, and edge computing, making them a preferred choice for companies looking to enhance their IT infrastructure.

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The microservice server enables an organization to deliver large, complex applications rapidly, frequently, reliably, and sustainably a necessity for competing and winning in today's world. There is growing business interest in microservers, i.e., Clusters of high-density, low-power servers, which are suited to the growing number of hyperscale workloads found in modern data centers. Although still in their infancy and not yet widely used in production, microservers show promise of allowing the total compute, network, and storage resource capacity of a data center to be utilized with high flexibility and efficiency for a wide range of diverse workloads.

The surging trends of cloud computing and web hosting had a significant impact on the microserver market, driving its growth in recent years. Cloud computing depend on enormous data centers to deliver services and store massive amounts of data, and these data centers require energy-efficient, scalable, and cost-effective computing solutions. Furthermore, major market players have accepted several strategies to increase the competition and offer developed services to their clients. For instance, in May 2023, NVIDIA launched the NVIDIA MGX server specification, which provides system manufacturers with a modular reference architecture to

quickly and cost-effectively build more than 100 server variations to suit a wide range of AI, high-performance computing, and Omniverse applications. In May 2023, NVIDIA announced that Taiwan's leading computer makers are set to release the first wave of systems powered by the NVIDIA Grace CPU Superchip and Grace Hopper Superchip for a wide range of workloads spanning digital twins, AI, high-performance computing, cloud graphics, and gaming.

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By region, the global microserver industry was dominated by North America in 2022 and is expected to maintain this trend during the forecast period, owing to the ongoing emphasis on energy efficiency and sustainability in North America has led to the adoption of microservers in green data centers. These energy-efficient servers help organizations reduce their carbon footprint and operating costs, aligning with environmental regulations and corporate sustainability goals. On the other hand, the Asia-Pacific is expected to grow as the fastest-growing segment during the microserver market forecast period. This is driven by the adoption of edge computing is a notable trend. With the proliferation of IoT devices and the need for low-latency data processing, edge computing is gaining prominence.

Some of the key players profiled in the report include Advanced Micro Devices, Inc., Dell Inc., Fujitsu Ltd., Hewlett Packard Enterprise, Hitachi, Ltd., IBM Corporation, MiTAC Holdings Corp., NVIDIA Corporation, Penguin Computing, and Super Micro Computer, Inc. These players have adopted various strategies to increase their market penetration and strengthen their position in the microserver market.

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