

Mainframe Market Valued at \$5.6 Billion by 2032: Steady Growth and Resilience Mark Industry's Evolution

Cloud integration, security needs, legacy system reliance, and scalable performance drive the Mainframe market.

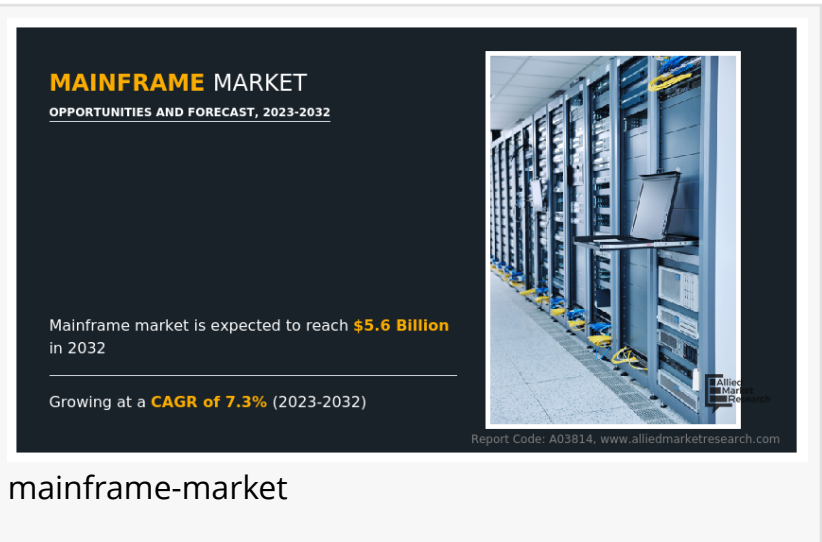
PORTLAND, ORIGIN, UNITED STATES , December 5, 2023 /EINPresswire.com/ -- Mainframes have been continuously evolving for more than 40 years to address many issues associated with data processing. [Mainframes Market](#) guarantee scalability, dependability and availability of processes.

Mainframes systems are reliable owing to their capability of processing billions of transactions with near-perfect accuracy and no downtime. Therefore, despite the development of fresh technologies such as cloud computing, mainframe has been able to maintain its position in the IT infrastructure across a variety of end users. Moreover, mainframes also have self-checking and self-recovery characteristics, which allow these systems to automatically run on failures and choose the appropriate next course of action without requiring human input. With its ability to increase memory, storage, and processors without affecting the volume and accuracy of the data, mainframe provides the maximum level of scalability.

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Moreover, rise in demand of high-performance computing, development of IoT landscape, increase in large data sets, and growth in adoption of mainframe as a service. Furthermore, cost issues associated with mainframe solutions and lack of mainframe skilled professionals are expected to considerably impact the growth of the mainframe market during the forecast period. Moreover, on-going mainframe modernization and the integration of blockchain in mainframe are expected to be opportunistic for the global mainframe market during the forecast period. However, each factor has its definite impact on the market.

Key Finding of the Study:



□ By type, the Z Systems segment accounted for the largest mainframe market share in 2022. However, GS Series is expected to exhibit the highest growth during the forecast period.

□ By end user, the BFSI segment accounted for the largest mainframe market size in 2022. However, retail and e-commerce is expected to exhibit the highest growth during the forecast period.

□ Region wise, North America generated the highest revenue in 2022. Asia-Pacific is expected to exhibit the highest growth during the forecast period.

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On the basis of end user, the BFSI segment dominated the mainframe market forecast in 2022 and is expected to continue this trend during the forecast period, owing variety of developments and possibilities influencing its function in this business, the mainframe is still a major technology in the Banking, Financial Services, and Insurance (BFSI) sector. However, the retail and e-commerce segment is expected to exhibit the highest growth during the forecast period, owing to upsurge among online retailers for different tasks such as handling enormous volumes of transactions.

By region, North America is anticipated to account for the largest share of the mainframe market analysis during the forecast period, owing to high mainframe spending among financial organizations and retail industry supported by rise in number of online transactions and increase in adoption of mainframes to face numerous challenges associated with such extreme complex and dynamic environment. However, Asia-Pacific segment is expected to witness the highest growth, owing to growing finance industry supported by rising mobile and credit card transactions in China and India are the major factors that fuel the growth of the mainframe market.

The mainframe market has been significantly impacted by the COVID-19 pandemic. Mainframes played a significant part in guaranteeing the continuity and reliability of crucial operations as organizations around the world dealt with the difficulties of remote workforces and a rise in reliance on digital processes. The increased demand for dependable and secure computer systems was one of COVID-19's major effects on the mainframe market.

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Organizations needed to make sure that their mainframe infrastructure could handle the unexpected surge in remote work and support secure remote access. Mainframes, which are renowned for their dependability and strong security features, have become even more crucial

for preserving company operations and safeguarding critical data. The pandemic also increased the demand for mainframe systems scalability. Processing needs fluctuated as organizations adjusted to shifting market circumstances and client expectations. Organizations were able to quickly adapt their processing capability to suit these changing needs because to mainframes intrinsic scalability, enabling effective and unbroken operations. The implementation of digital transformation projects was also driven by the COVID-19 pandemic.

Key Market Players:

□ International Business Machines Corporation

□ Broadcom

□ DXC Technology Company

□ Fujitsu

□ Hewlett Packard Enterprise Development LP

□ Atos SE

□ Dell Inc.

□ HCL Technologies Limited

□ BMC Software, Inc

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Lastly, this report provides market intelligence most comprehensively. The report structure has

been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

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