

The Global Mainframe Market Size Reach USD 5.6 Billion by 2032, Growing with 7.3% of CAGR

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.

WILMINGTON, DE, UNITED STATES, October 18, 2024 /EINPresswire.com/ -- Allied Market Research published a new report, titled, "The [Global Mainframe Market Size](#) Reach USD 5.6 Billion by 2032, Growing with 7.3% of CAGR." The report offers an extensive

analysis of key growth strategies, drivers, opportunities, key segment, Porter's Five Forces analysis, and competitive landscape. This study is a helpful source of information for market players, investors, VPs, stakeholders, and new entrants to gain thorough understanding of the industry and determine steps to be taken to gain competitive advantage.

The global mainframe market was valued at \$2.9 billion in 2022, and is projected to reach \$5.6 billion by 2032, growing at a CAGR of 7.3% from 2023 to 2032.

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The growth of the global mainframe market is driven by 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.

The mainframe market is segmented on the basis of type, end user, and region. By type, it is divided into Z systems, GS series, and others. By end user, it is classified into BFSI, IT and telecom, government and public sector, retail and e-commerce, travel and transportation,



Mainframe Market Size

manufacturing, and others. By region, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

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Based on type, the Z Systems segment held the highest market share in 2022, accounting for nearly two-thirds of the mainframe market revenue and is estimated to maintain its leadership status throughout the forecast period, owing to its exceptional benefits such as lower costs, 99.999% availability, enhanced security, and higher performance. The IBM Z mainframes consist of proprietary ASIC on-chip hardware dedicated for cryptographic processes, and keeps data always encrypted during its processing. However, the GS Series segment is projected to manifest the highest CAGR of 9.4% from 2023 to 2032, owing to the reduction of deployment, operating through server and storage consolidation into datacenters with the rise in challenges in business environment.

Based on the end user, the BFSI segment accounted for the largest share in 2022, owing to enormous amounts of data, including information about market activity, consumer transactions, and regulatory requirements. These data-intensive workloads are well suited for mainframes, which offer high-speed processing, scalability, and reliable storage capabilities. However, the retail and e-commerce segment is expected to portray the largest CAGR of 10.5% from 2023 to 2032 and is projected to maintain its lead position during the forecast period, owing to upsurge among online retailers for different tasks such as handling enormous volumes of transactions.

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Based on region, the North America segment held the highest market share in terms of revenue in 2022, accounting for more than one-third of the mainframe market revenue, 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. The Asia-Pacific region is expected to witness the fastest CAGR of 10.3% from 2023 to 2032, 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 global mainframe industry is dominated by key players such as International Business Machines Corporation, Broadcom, DXC Technology Company, Fujitsu, Hewlett Packard Enterprise Development LP, Atos Se, Dell Inc., HCL Technologies Limited, BMC Software, Inc., Cognizant. These players have adopted various strategies to increase their market penetration and strengthen their position in the mainframe industry.

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□ 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.

□ Organizations needed to make sure that their mainframe infrastructure could handle the unexpected surge in remote work and support secure remote access.

□ Organizations were able to quickly adapt their processing capability to suit these changing needs because to mainframes intrinsic scalability, enabling effective and unbroken operations.

Thanks for reading this article, you can also get an individual chapter-wise section or region-wise report versions like North America, Europe, or Asia.

If you have any special requirements, please let us know and we will offer you the report as per your requirements.

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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1. SOC as a Service Market : <https://www.alliedmarketresearch.com/soc-as-a-service-market-A14544>
2. Payment as a Service Market : <https://www.alliedmarketresearch.com/payment-as-a-service-market-A15430>
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with skilled analysts and experts and have a wide experience of working with many Fortune 500 companies and small & medium enterprises.

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