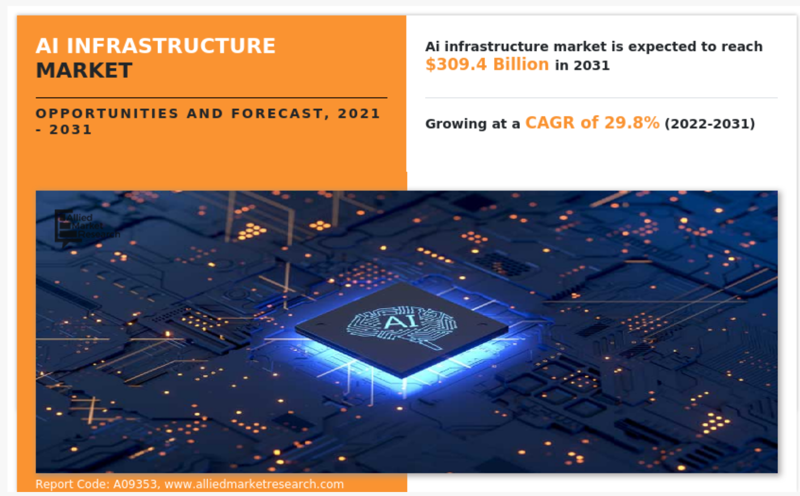
AI Infrastructure Market Expected to Reach USD 309.4 Billion by 2031 | Top Players such as -Oracle, Samsung and Toshiba

Rising penetration of cloud machine learning platforms, growing focus on parallel computing in AI data centers are stimulating the industry demand globally.



AI Infrastructure Market

PORTLAND, PORTLAND, OR, UNITED STATE, February 13, 2023 /EINPresswire.com/ -- Allied Market Research published a new report, titled, "AI Infrastructure Market Expected to Reach USD 309.4 Billion by 2031 | Top Players such as -Oracle, Samsung and Toshiba." 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 AI infrastructure market was valued at USD 23.5 billion in 2021, and is projected to reach USD 309.4 billion by 2031, growing at a CAGR of 29.8% from 2022 to 2031.

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Ability of AI-based technology to enable machines to automate complex tasks such as driving cars, holding conversations, filtering e-mail, and other things, growing demand for improving operational efficiency, and the rising cost of manual labor drive the growth of the global AI infrastructure market. However, a lack of skilled professionals in the industry to develop, manage, and implement AI technology hampers the global market growth. On the other hand, increasing digital dependence and implementation of industry 4.0 trends present new growth opportunities for the global market in the coming years.

Based on component, the hardware segment was the largest market in 2021, contributing to more than half of the global AI infrastructure market, and is expected to maintain its leadership status during the forecast period. This is because advances in hardware technologies are enabling AI to transform industries worldwide, from financial services to manufacturing, healthcare, and many others.

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Based on end-users, the enterprises segment held the largest market share of more than three-fifths of the global AI infrastructure market in 2021 and is expected to maintain its dominance during the forecast period. This is because AI infrastructure solutions make it easier for enterprises to automate customer services and provide a personalized experience to customers. Furthermore, these technologies help business leaders make effective data-driven decisions.

Based on technology, the machine learning segment was the largest market in 2021, contributing to more than two-thirds of the global AI infrastructure market, and is expected to maintain its leadership status during the forecast period. This is because machine learning solutions are utilized to uncover numerous trends and patterns, assisting businesses in improving their decision-making capabilities.

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Based on region, North America was the largest market in 2021, capturing more than one-third of the global AI infrastructure market, owing to high concentration of artificial intelligence solution vendors in the region. However, the market in Asia-Pacific is expected to lead in terms of revenue and manifest the fastest CAGR of 36.0% during the forecast period. This is due to the ongoing rapid digital transformation trends in this region.

The key players that operate in the AI infrastructure market analysis Alphabet Inc., Amazon.com, Inc., IBM Corporation, Intel Corporation, Micron Technology, Inc., Microsoft Corporation, NVIDIA Corporation, Oracle Corporation, Samsung and Toshiba Corporation. These players have adopted various strategies to increase their market penetration and strengthen their position in the AI infrastructure industry.

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Covid-19 Scenario

 The AI infrastructure market exhibited notable growth during the outbreak of the COVID-19 pandemic. This is due to the rise in need for artificial intelligence among enterprises to meet their customers' needs and upsurge their revenue opportunity.

 Many businesses invested in AI-based solutions to ease the increasing complexity of the IT needs of many businesses during the pandemic.

 In addition, surge in investment in AI based technology by various private sectors such as healthcare and medical research to fight the pandemic propelled the growth of the market.

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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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Allied Market Research (AMR) is a market research and business-consulting firm of Allied Analytics LLP, based in Portland, Oregon. AMR offers market research reports, business solutions, consulting services, and insights on markets across 11 industry verticals. Adopting extensive research methodologies, AMR is instrumental in helping its clients to make strategic business decisions and achieve sustainable growth in their market domains. We are equipped with skilled analysts and experts, and have a wide experience of working with many Fortune 500 companies and small & medium enterprises.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies. This helps us dig out market data that helps us generate accurate research data tables and confirm utmost accuracy in our market forecasting. Every data company in the domain is concerned. Our secondary data procurement methodology includes deep presented in the reports published by us is extracted through primary interviews with top officials from leading online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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