

Global AI Infrastructure Market 2023

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Abstracts

AI infrastructure refers to the technological foundation required to support the development and deployment of artificial intelligence (AI) applications. It includes the hardware, software, and network infrastructure that enables organizations to build, train, deploy, and run AI models. AI infrastructure is critical for enabling organizations to extract value from data through machine learning and AI applications. The ability to process data at scale and gain useful insights through AI can provide significant competitive advantages in various industries like finance, healthcare, retail and manufacturing. According to the latest data, the market size of the global AI infrastructure sector is expected to rise by USD 110.1 billion with a CAGR of 19.8% by the end of 2029.

This industry report offers market estimates of the global market, followed by a detailed analysis of the component, deployment mode, end user, and region. The global market data on AI infrastructure can be segmented by component: hardware, software. The hardware segment is estimated to account for the largest share of the global AI infrastructure market. AI infrastructure market is further segmented by deployment mode: cloud-based, hybrid, on-premises. The hybrid segment held the largest revenue share in 2022. Based on end user, the AI infrastructure market is segmented into: cloud service providers, enterprises, government, others. Globally, the cloud service providers segment made up the largest share of the AI infrastructure market. On the basis of region, the AI infrastructure market also can be divided into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America. North America was the largest contributor to the global AI infrastructure market in 2022.

The hardware market is further segmented into processor, storage, memory. The processor segment held the largest share of the global AI infrastructure market in 2022 and is anticipated to hold its share during the forecast period.

The global AI infrastructure market is highly competitive. The AI infrastructure market is dominated by key players, which are Advanced Micro Devices Inc., Amazon Web Services Inc., Arm Holdings plc, Cisco Systems Inc., Dell Inc., Google LLC, Hewlett Packard Enterprise Company, IBM Corporation, Intel Corporation, Micron Technology Inc., Microsoft Corporation, Nvidia Corporation, Samsung Electronics Co. Ltd., Synopsys Inc., Xilinx Inc.

The data-centric report focuses on market trends, status and outlook for segments. With comprehensive market assessment across the major geographies, the report is a valuable asset for the existing players, new entrants and the future investors.

Why buy this report?

Get a detailed picture of the Global AI Infrastructure Market

Identify segments/areas to invest in over the forecast period in the Global AI Infrastructure Market

Understand the competitive environment, the market's leading players

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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- Microsoft Corporation
- Nvidia Corporation

- Samsung Electronics Co., Ltd.
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