

Global Artificial Intelligence (AI) Accelerator Market Growth (Status and Outlook) 2024-2030

<https://marketpublishers.com/r/GD023FD53E62EN.html>

Date: October 2024

Pages: 85

Price: US\$ 3,660.00 (Single User License)

ID: GD023FD53E62EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to this study, the global Artificial Intelligence (AI) Accelerator market size will reach US\$ million by 2030.

An AI accelerator is a class of specialized hardware accelerators or computer systems designed to speed up artificial intelligence applications by using machine learning, machine vision, neural networks etc.

As an important force driving a new round of scientific and technological revolution, artificial intelligence has been of national strategic importance. Many governments introduces polices and increase capital investment to support AI companies. The Digital Europe plan adopted by the European Union will allocate ?9.2 billion on high-tech investments, such as supercomputing, artificial intelligence, and network security. In order to maintain its leading position, the United States will increase its investment in artificial intelligence research and development in non-defense fields, from US\$1.6 billion to US\$1.7 billion in 2022. According to the latest data released by IDC, global artificial intelligence revenue was US\$432.8 billion in 2022, a year-on-year increase of 19.67%, including software, hardware and services.

This report presents a comprehensive overview, market shares, and growth opportunities of Artificial Intelligence (AI) Accelerator market by product type, application, key players and key regions and countries.

Segmentation by product type:

Machine Learning

Deep Learning

Supervised Learning

Unsupervised Learning

Reinforcement Learning

Others

Segmentation by Application:

Automotive

Healthcare

Manufacturing

Agriculture

Cyber Security

Government

Others

This report also splits the market by region:

United States

China

Europe

Other regions:

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

Amazon Web Services, Inc.

Google Cloud

IBM

Intel Corporation

Lattice Semiconductor

Micron Technology, Inc.

Microsoft

NVIDIA Corporation

Qualcomm Technologies, Inc.

Samsung

Xilinx

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