

Global GPU Chips For AI Market Growth 2023-2029

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Abstracts

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The global GPU Chips For AI market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for GPU Chips For AI is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for GPU Chips For AI is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for GPU Chips For AI is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key GPU Chips For AI players cover NVIDIA, AMD, Intel, Qualcomm, Imagination Technologies, Changsha Jingjia Microelectronics, Hangjintechology, VeriSilicon Microelectronics and Shanghai Biren Intelligent Technolog, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

The three key basic elements of AI are data, algorithms, and computing power. With the widespread application of cloud computing, especially deep learning has become the mainstream method of current AI research and application, AI's requirements for computing power continue to increase rapidly. According to the type of chips, AI computing power chips mainly include GPU, FPGA, and ASIC chips represented by TPU and VPU. Among them, GPU is the most used, and the market growth is strong.

LPI (LP Information)' newest research report, the "GPU Chips For AI Industry Forecast" looks at past sales and reviews total world GPU Chips For AI sales in 2022, providing a

comprehensive analysis by region and market sector of projected GPU Chips For AI sales for 2023 through 2029. With GPU Chips For AI sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world GPU Chips For AI industry.

This Insight Report provides a comprehensive analysis of the global GPU Chips For AI landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on GPU Chips For AI portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global GPU Chips For AI market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for GPU Chips For AI and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global GPU Chips For AI.

This report presents a comprehensive overview, market shares, and growth opportunities of GPU Chips For AI market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

8G Below

8G-16G

16G-24G

24G Above

Segmentation by application

Artificial Intelligence Reasoning

Artificial Intelligence Training

High Performance Computing

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

NVIDIA

AMD

Intel

Qualcomm

Imagination Technologies

Changsha Jingjia Microelectronics

Hangjintechology

VeriSilicon Microelectronics

Shanghai Biren Intelligent Technolog

Loongson Technology Corporation

Shanghai Megacore Integrated Circuit

MetaX

Sietium

Enflame-tech

Beijing Horizon Robotics Technology R&D

Blacksesame

Innosilicon Technology

HiSilicon Technologies

Iluvatar

Vastai Technologies

Key Questions Addressed in this Report

What is the 10-year outlook for the global GPU Chips For AI market?

What factors are driving GPU Chips For AI market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do GPU Chips For AI market opportunities vary by end market size?

How does GPU Chips For AI break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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