

Global GPU Chips For AI Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global GPU Chips For AI market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

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.

This report studies the global GPU Chips For AI production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for GPU Chips For AI, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of GPU Chips For AI that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global GPU Chips For AI total production and demand, 2018-2029, (K Units)

Global GPU Chips For AI total production value, 2018-2029, (USD Million)

Global GPU Chips For AI production by region & country, production, value, CAGR,

2018-2029, (USD Million) & (K Units)

Global GPU Chips For AI consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: GPU Chips For AI domestic production, consumption, key domestic manufacturers and share

Global GPU Chips For AI production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global GPU Chips For AI production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global GPU Chips For AI production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global GPU Chips For AI market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include NVIDIA, AMD, Intel, Qualcomm, Imagination Technologies, Changsha Jingjia Microelectronics, Hangjintechology, VeriSilicon Microelectronics and Shanghai Biren Intelligent Technolog, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World GPU Chips For AI market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global GPU Chips For AI Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global GPU Chips For AI Market, Segmentation by Type

8G Below

8G-16G

16G-24G

24G Above

Global GPU Chips For AI Market, Segmentation by Application

Artificial Intelligence Reasoning

Artificial Intelligence Training

High Performance Computing

Others

Companies Profiled:

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 Answered

1. How big is the global GPU Chips For AI market?
2. What is the demand of the global GPU Chips For AI market?
3. What is the year over year growth of the global GPU Chips For AI market?
4. What is the production and production value of the global GPU Chips For AI market?
5. Who are the key producers in the global GPU Chips For AI market?
6. What are the growth factors driving the market demand?

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