

Global GPU Computing Chip Market Growth 2024-2030

<https://marketpublishers.com/r/GDFADD671043EN.html>

Date: June 2024

Pages: 109

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

ID: GDFADD671043EN

Abstracts

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

GPU Computing Chips usually refer to chips that integrate high-performance computing functions on the graphics processing unit (GPU). This chip combines graphics processing and general computing capabilities and can be used to accelerate various computing-intensive tasks, such as scientific computing, deep learning, artificial intelligence, etc. GPU Computing Chips usually have a large number of computing cores and high memory bandwidth, and can process large-scale data and complex computing tasks in parallel. Compared with traditional central processing units (CPUs), GPU Computing Chips have greater advantages in parallel computing and can process large amounts of data in a short time and achieve efficient calculations. GPU Computing Chips are widely used in various fields, including scientific research, financial analysis, game development, data analysis, etc.

The global GPU Computing Chip market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "GPU Computing Chip Industry Forecast" looks at past sales and reviews total world GPU Computing Chip sales in 2023, providing a comprehensive analysis by region and market sector of projected GPU Computing Chip sales for 2024 through 2030. With GPU Computing Chip sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world GPU Computing Chip industry.

This Insight Report provides a comprehensive analysis of the global GPU Computing Chip 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

Computing Chip portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global GPU Computing Chip market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for GPU Computing Chip 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 Computing Chip.

United States market for GPU Computing Chip is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for GPU Computing Chip is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for GPU Computing Chip is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key GPU Computing Chip players cover NVIDIA, AMD, Intel, ARM, Imagination Technologies, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

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

Segmentation by Type:

Consumer-grade GPUs

Professional-grade GPUs

Datacenter-grade GPUs

Segmentation by Application:

Scientific Research

Financial Analysis

Game Development

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 analysing the company's coverage, product portfolio, its market penetration.

NVIDIA

AMD

Intel

ARM

Imagination Technologies

Qualcomm

Vivante

SambaNova

TSMC

Cambricon

HiSilicon

VeriSilicon Microelectronics

Key Questions Addressed in this Report

What is the 10-year outlook for the global GPU Computing Chip market?

What factors are driving GPU Computing Chip market growth, globally and by region?

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

How do GPU Computing Chip market opportunities vary by end market size?

How does GPU Computing Chip break out by Type, by Application?

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