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Global AI Server CPU and GPU Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

The CPU is one of the main devices of an electronic computer and the core component of a computer. The CPU interprets computer instructions and processes data in computer software. GPU, or Graphics Processing Unit, is a microprocessor that specializes in graphics and image-related operations. It has become a core component in the field of high-performance computing and artificial intelligence.

According to our (Global Info Research) latest study, the global AI Server CPU and GPU market size was valued at US$ million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of %during review period.

This report is a detailed and comprehensive analysis for global AI Server CPU and GPU market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2024, are provided.

Key Features:

Global AI Server CPU and GPU market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2019-2030

Global AI Server CPU and GPU market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices

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(US$/Unit), 2019-2030

Global AI Server CPU and GPU market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2019-2030

Global AI Server CPU and GPU market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2019-2024

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for AI Server CPU and GPU

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global AI Server CPU and GPU market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Intel, Qualcomm Technologies, NXP Semiconductors, Samsung Electronics, Advanced Micro Devices, Apple, MediaTek, Nvidia, UNISOC, Hisilicon, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

AI Server CPU and GPU market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

CPU

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GPU

Market segment by Application

Industry

Medical

Finance

Aerospace

Others

Major players covered

Intel

Qualcomm Technologies

NXP Semiconductors

Samsung Electronics

Advanced Micro Devices

Apple

MediaTek

Nvidia

UNISOC

Hisilicon

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ARM Limited

Imagination Technologies Group

VeriSilicon (Vivante)

Allwinner Technology

Iluvatar CoreX

Biren Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe AI Server CPU and GPU product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of AI Server CPU and GPU, with price, sales quantity, revenue, and global market share of AI Server CPU and GPU from 2019 to 2024.

Chapter 3, the AI Server CPU and GPU competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

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Chapter 4, the AI Server CPU and GPU breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2019 to 2024.and AI Server CPU and GPU market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of AI Server CPU and GPU.

Chapter 14 and 15, to describe AI Server CPU and GPU sales channel, distributors, customers, research findings and conclusion.

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