

Global Processors for AI Acceleration Market Growth 2023-2029

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Abstracts

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An AI Accelerator Is A Class Of Specialized Hardware Accelerator Or Computer System Designed To Accelerate Artificial Intelligence Applications, Especially Artificial Neural Networks, Recurrent Neural Network Machine Vision And Machine Learning.

LPI (LP Information)' newest research report, the "Processors for AI Acceleration Industry Forecast" looks at past sales and reviews total world Processors for AI Acceleration sales in 2022, providing a comprehensive analysis by region and market sector of projected Processors for AI Acceleration sales for 2023 through 2029. With Processors for AI Acceleration sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Processors for AI Acceleration industry.

This Insight Report provides a comprehensive analysis of the global Processors for AI Acceleration 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 Processors for AI Acceleration portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Processors for AI Acceleration market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Processors for AI Acceleration 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 Processors for AI Acceleration.

The global Processors for AI Acceleration 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 Processors for AI Acceleration 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 Processors for AI Acceleration 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 Processors for AI Acceleration is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Processors for AI Acceleration players cover Intel, NXP Semiconductors, XMOS, Texas Instruments, Nvidia, Kneron Inc, Gyrfalcon Technology Inc, Eta Compute Inc and Syntiant Corp, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Processors for AI Acceleration market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Application Processors

Automotive SoC

GPU

Consumer co-processors

Ultra-low-power

Segmentation by application

Autopilot

Military Robot

Agricultural Robot

Voice Control

MT

Industrial Robot

Health Care

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.

Intel

NXP Semiconductors

XMOS

Texas Instruments

Nvidia

Kneron Inc

Gyr Falcon Technology Inc

Eta Compute Inc

Syntiant Corp

GreenWaves Technologies

Key Questions Addressed in this Report

What is the 10-year outlook for the global Processors for AI Acceleration market?

What factors are driving Processors for AI Acceleration market growth, globally and by region?

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

How do Processors for AI Acceleration market opportunities vary by end market size?

How does Processors for AI Acceleration break out type, application?

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

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