

# Global Automotive AI Chipset Supply, Demand and Key Producers, 2024-2030

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## Abstracts

The global Automotive AI Chipset market size is expected to reach \$ 7412 million by 2030, rising at a market growth of 28.2% CAGR during the forecast period (2024-2030).

The automotive AI chipset market is experiencing significant growth and is expected to continue this trend in the coming years. Here are some key trends in the automotive AI chipset market:

- Increasing adoption of autonomous vehicles:** The development and deployment of autonomous vehicles heavily rely on AI technology. Automotive AI chipsets play a crucial role in enabling advanced driver assistance systems (ADAS) and autonomous driving capabilities. As the demand for autonomous vehicles continues to rise, the automotive AI chipset market is expected to grow significantly.
- Growing demand for AI-powered infotainment systems:** AI chipsets are being used to power advanced infotainment systems in vehicles. These systems offer features such as voice recognition, natural language processing, and personalized user experiences. The integration of AI chipsets in infotainment systems enhances user interaction and provides a more intuitive and convenient driving experience.

This report studies the global Automotive AI Chipset production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Automotive AI Chipset, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Automotive AI Chipset that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Automotive AI Chipset total production and demand, 2019-2030, (K Units)

Global Automotive AI Chipset total production value, 2019-2030, (USD Million)

Global Automotive AI Chipset production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Automotive AI Chipset consumption by region & country, CAGR, 2019-2030 & (K Units)

U.S. VS China: Automotive AI Chipset domestic production, consumption, key domestic manufacturers and share

Global Automotive AI Chipset production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global Automotive AI Chipset production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Automotive AI Chipset production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global Automotive AI Chipset 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 Advanced Micro Devices Inc., Xilinx Inc., Graphcore Ltd, Huawei Technologies Co.Ltd, IBM Corporation, Intel Corporation, NVIDIA Corporation, Micron Technology Inc. and Samsung Semiconductor (Samsung Electronics Co.Ltd), etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Automotive AI Chipset 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 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

#### Global Automotive AI Chipset Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Automotive AI Chipset Market, Segmentation by Type

GPU

ASIC

FGPA

CPU

#### Global Automotive AI Chipset Market, Segmentation by Application

Passenger vehicle

Commercial vehicle

#### Companies Profiled:

Advanced Micro Devices Inc.

Xilinx Inc.

Graphcore Ltd

Huawei Technologies Co.Ltd

IBM Corporation

Intel Corporation

NVIDIA Corporation

Micron Technology Inc.

Samsung Semiconductor (Samsung Electronics Co.Ltd)

Qualcomm

NVIDIA

NXP Semiconductors

Mobileye

#### Key Questions Answered

1. How big is the global Automotive AI Chipset market?
2. What is the demand of the global Automotive AI Chipset market?

3. What is the year over year growth of the global Automotive AI Chipset market?
4. What is the production and production value of the global Automotive AI Chipset market?
5. Who are the key producers in the global Automotive AI Chipset market?

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