

Global Automotive AI Chipset Market Growth 2026-2032

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Abstracts

The global Automotive AI Chipset market size is predicted to grow from US\$ 1799 million in 2025 to US\$ 11300 million in 2032; it is expected to grow at a CAGR of 30.6% from 2026 to 2032.

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.

LP Information, Inc. (LPI) ' newest research report, the "Automotive AI Chipset Industry Forecast" looks at past sales and reviews total world Automotive AI Chipset sales in 2025, providing a comprehensive analysis by region and market sector of projected Automotive AI Chipset sales for 2026 through 2032. With Automotive AI Chipset sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automotive AI Chipset industry.

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

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

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

Segmentation by Type:

GPU

ASIC

FGPA

CPU

Segmentation by Application:

Passenger vehicle

Commercial vehicle

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.

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 Addressed in this Report

What is the 10-year outlook for the global Automotive AI Chipset market?

What factors are driving Automotive AI Chipset market growth, globally and by region?

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

How do Automotive AI Chipset market opportunities vary by end market size?

How does Automotive AI Chipset break out by Type, by Application?

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