

# Global Automotive AI chips Market Growth 2024-2030

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## Abstracts

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Automotive AI chips are chips used for AI technologies applied in the automotive field. These chips usually have high-performance computing power and the ability to perform complex algorithm processing, and are used to implement automated driving, intelligent perception, voice recognition, image recognition, natural language processing, and other functions in vehicles. Automotive AI chips can be used to process data from in-vehicle sensors, execute deep learning algorithms, and perform real-time decision-making and control, thereby realising vehicle intelligence, autonomy, and safety performance. These chips typically feature low power consumption, high reliability, and adaptability to the automotive environment to meet the automotive industry's demand for highly integrated, high performance, and low cost.

The global Automotive AI chips 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 "Automotive AI chips Industry Forecast" looks at past sales and reviews total world Automotive AI chips sales in 2023, providing a comprehensive analysis by region and market sector of projected Automotive AI chips sales for 2024 through 2030. With Automotive AI chips sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Automotive AI chips industry.

This Insight Report provides a comprehensive analysis of the global Automotive AI chips 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 chips portfolios and capabilities, market entry strategies, market positions, and

geographic footprints, to better understand these firms' unique position in an accelerating global Automotive AI chips market.

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

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

Global key Automotive AI chips players cover NVIDIA, Qualcomm, Intel, Advanced Micro Devices, Mobileye, 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 Automotive AI chips market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

CPU

GPU

DSP

NPU

Other

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.

NVIDIA

Qualcomm

Intel

Advanced Micro Devices

Mobileye

IBM

Black Sesame Technologies

SemiDrive

Huawei

SenseTime

Autobrain

SiLC

Brainchip

Hailo

Kinara

Kneron

StradVision

## Key Questions Addressed in this Report

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

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

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

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

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

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