+357 96 030922
info@marketpublishers.com

Global ADAS-Cockpit SoC Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

https://marketpublishers.com/r/GB2CEAB97EC7EN.html
Date: June 2026
Pages: 92
Price: US$ 3,480.00 (Single User License)
ID: GB2CEAB97EC7EN

Abstracts

According to our (Global Info Research) latest study, the global ADAS-Cockpit SoC market size was valued at US$ 292 million in 2025 and is forecast to a readjusted size of US$ 1015 million by 2032 with a CAGR of 19.3% during review period.

ADAS-Cockpit SoC is the core One Chip solution that enables true ADAS-cockpit integration, referring to a highly integrated automotive?grade computing chip that runs both intelligent driving domain and intelligent cockpit domain tasks on a single system?on?chip, realizing full connectivity of hardware computing power and software resources. It solves the problems of low computing power utilization of intelligent driving chips, high cockpit GPU load, redundant waste, and high hardware and heat dissipation costs in the dual?chip separate architecture, greatly reducing controller space, component usage, and vehicle cost, serving as a key carrier to promote the upgrading of the vehicle electronic and electrical architecture from domain centralized to central computing architecture. At present, the intelligent driving domain and cockpit domain have achieved intra?domain integration under the domain centralized architecture; manufacturers such as Qualcomm, Horizon Robotics, and Black Sesame Technologies continue to promote the R&D and mass production of ADAS-Cockpit SoC, with Horizon Robotics? XingKong chip scheduled for mass production in the third quarter of 2026. The 2026 Beijing Auto Show has set up a special exhibition area for ADAS-cockpit integration and displayed a number of relevant achievements. Although ADAS-Cockpit SoC faces multiple challenges including chip design, system compatibility, functional safety isolation, heat dissipation, and engineering implementation, and will bring changes to industrial chain structure, R&D processes, and technology iteration, it has become a clear development direction of the industry and is gradually moving from concept to mass production and application. In 2025, global ADAS-Cockpit SoC

+357 96 030922
info@marketpublishers.com

production reached approximately 1.72 million units with an average global market price of around US$165 per unit.

As an architecture that fully integrates the intelligent cockpit and advanced driver assistance systems onto a single chip or central computing platform, the future development of ADAS-Cockpit SoC will profoundly impact enterprise cost structures and profitability. Given that profit margins in the automotive industry are at historical lows, cost reduction has become the primary demand for automakers; cabin-driving integration enables significant reductions in chip component space and vehicle costs through controller fusion, shared components, and computing power, thereby improving corporate financial performance. Major industry trends indicate that electronic electrical architectures are evolving from distributed to central computing models, requiring automakers to adjust internal organizational structures to adapt to new intelligent bases and prompting manufacturers such as NIO, XPeng, and Li Auto to advance the development of cabin-driving integrated central computing platforms. Meanwhile, AI-oriented cockpit SoCs will become the mainstream, with mainstream chip manufacturing processes advancing to 4nm and below, aiming to support the upgrade of edge models from 1B-1.5B to 7B-10B multimodal models. This technological iteration will meet the high-throughput and continuous AI computing tasks, helping enterprises establish a competitive advantage in the high-end intelligent field.

This report is a detailed and comprehensive analysis for global ADAS-Cockpit SoC 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 2025, are provided.

Key Features:

Global ADAS-Cockpit SoC market size and forecasts, in consumption value ($ Million), sales quantity (Million Units), and average selling prices (US$/Unit), 2021-2032

Global ADAS-Cockpit SoC market size and forecasts by region and country, in consumption value ($ Million), sales quantity (Million Units), and average selling prices (US$/Unit), 2021-2032

Global ADAS-Cockpit SoC market size and forecasts, by Type and by Application, in

+357 96 030922
info@marketpublishers.com

consumption value ($ Million), sales quantity (Million Units), and average selling prices (US$/Unit), 2021-2032

Global ADAS-Cockpit SoC market shares of main players, shipments in revenue ($ Million), sales quantity (Million Units), and ASP (US$/Unit), 2021-2026

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 ADAS-Cockpit SoC

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 ADAS-Cockpit SoC 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 Renesas Electronics, NVIDIA, Qualcomm, NXP, Shanghai Black Sesame Technologies, Beijing SemiDrive Technology, Hubei SiEngine Technology, Beijing Horizon Robotics, Rockchip Electronics, etc.

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

Market Segmentation

ADAS-Cockpit SoC market is split by Type and by Application. For the period 2021-2032, 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

Scalable SoC

Others

+357 96 030922
info@marketpublishers.com

Market segment by Process Node

5nm ADAS-Cockpit SoC

7nm ADAS-Cockpit SoC

16nm ADAS-Cockpit SoC

28nm ADAS-Cockpit SoC

Market segment by Power Consumption

Low-power ADAS-Cockpit SoC

Medium-power ADAS-Cockpit SoC

High-power ADAS-Cockpit SoC

Market segment by Application

OEMs

Tier1

Major players covered

Renesas Electronics

NVIDIA

Qualcomm

NXP

+357 96 030922
info@marketpublishers.com

Shanghai Black Sesame Technologies

Beijing SemiDrive Technology

Hubei SiEngine Technology

Beijing Horizon Robotics

Rockchip Electronics

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 ADAS-Cockpit SoC product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of ADAS-Cockpit SoC, with price, sales quantity, revenue, and global market share of ADAS-Cockpit SoC from 2021 to 2026.

Chapter 3, the ADAS-Cockpit SoC competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the ADAS-Cockpit SoC breakdown data are shown at the regional

+357 96 030922
info@marketpublishers.com

level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

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 2021 to 2032.

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 2021 to 2026.and ADAS-Cockpit SoC market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

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 ADAS-Cockpit SoC.

Chapter 14 and 15, to describe ADAS-Cockpit SoC sales channel, distributors, customers, research findings and conclusion.

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

3 COMPETITIVE ENVIRONMENT: ADAS-COCKPIT SOC BY MANUFACTURER

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global ADAS-Cockpit SoC Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: https://marketpublishers.com/r/GB2CEAB97EC7EN.html

Price: US$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GB2CEAB97EC7EN.html