

# Global Automotive-Grade Autonomous Driving Computing Chips Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GF35BF9648C2EN.html>

Date: November 2025

Pages: 111

Price: US\$ 3,480.00 (Single User License)

ID: GF35BF9648C2EN

## Abstracts

According to our (Global Info Research) latest study, the global Automotive-Grade Autonomous Driving Computing Chips market size was valued at US\$ 12440 million in 2024 and is forecast to a readjusted size of USD 31750 million by 2031 with a CAGR of 14.5% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Automotive-Grade Autonomous Driving Computing Chips refer to high-performance computing chips designed specifically for autonomous driving systems that meet the strict standards and specifications of the automotive industry. These chips not only have powerful computing capabilities, but also have the characteristics of high reliability, high security and low power consumption to meet the needs of autonomous driving systems for complex tasks such as real-time data processing, environmental perception, decision-making and control.

This report is a detailed and comprehensive analysis for global Automotive-Grade Autonomous Driving Computing Chips 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 Automotive-Grade Autonomous Driving Computing Chips market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Automotive-Grade Autonomous Driving Computing Chips market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Automotive-Grade Autonomous Driving Computing Chips market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Automotive-Grade Autonomous Driving Computing Chips market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

**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 Automotive-Grade Autonomous Driving Computing Chips

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 Automotive-Grade Autonomous Driving Computing Chips 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 Nvidia, Huawei, Tesla, TI, Qualcomm, Mobileye (Intel), AMD, Renesas, Beijing Horizon Information Technology, Desay SV Automotive, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

## **Market Segmentation**

Automotive-Grade Autonomous Driving Computing Chips market is split by Type and by Application. For the period 2020-2031, 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

100TOPS Below

100-200TOPS

200TOPS Above

### Market segment by Application

BEV

PHEV

Others

### Major players covered

Nvidia

Huawei

Tesla

TI

Qualcomm

Mobileye (Intel)

AMD

Renesas

Beijing Horizon Information Technology

Desay SV Automotive

Black Sesame Intelligent Technology

Semidrive Technology

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 Automotive-Grade Autonomous Driving Computing Chips product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive-Grade Autonomous Driving Computing Chips, with price, sales quantity, revenue, and global market share of Automotive-Grade Autonomous Driving Computing Chips from 2020 to 2025.

Chapter 3, the Automotive-Grade Autonomous Driving Computing Chips competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automotive-Grade Autonomous Driving Computing Chips breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and Automotive-Grade Autonomous Driving Computing Chips market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Automotive-Grade Autonomous Driving Computing Chips.

Chapter 14 and 15, to describe Automotive-Grade Autonomous Driving Computing Chips sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 100TOPS Below

1.3.3 100-200TOPS

1.3.4 200TOPS Above

1.4 Market Analysis by Application

1.4.1 Overview: Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 BEV

1.4.3 PHEV

1.4.4 Others

1.5 Global Automotive-Grade Autonomous Driving Computing Chips Market Size & Forecast

1.5.1 Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity (2020-2031)

1.5.3 Global Automotive-Grade Autonomous Driving Computing Chips Average Price (2020-2031)

### 2 MANUFACTURERS PROFILES

2.1 Nvidia

2.1.1 Nvidia Details

2.1.2 Nvidia Major Business

2.1.3 Nvidia Automotive-Grade Autonomous Driving Computing Chips Product and Services

2.1.4 Nvidia Automotive-Grade Autonomous Driving Computing Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Nvidia Recent Developments/Updates

2.2 Huawei

2.2.1 Huawei Details

- 2.2.2 Huawei Major Business
- 2.2.3 Huawei Automotive-Grade Autonomous Driving Computing Chips Product and Services
- 2.2.4 Huawei Automotive-Grade Autonomous Driving Computing Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.2.5 Huawei Recent Developments/Updates
- 2.3 Tesla
  - 2.3.1 Tesla Details
  - 2.3.2 Tesla Major Business
  - 2.3.3 Tesla Automotive-Grade Autonomous Driving Computing Chips Product and Services
  - 2.3.4 Tesla Automotive-Grade Autonomous Driving Computing Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.3.5 Tesla Recent Developments/Updates
- 2.4 TI
  - 2.4.1 TI Details
  - 2.4.2 TI Major Business
  - 2.4.3 TI Automotive-Grade Autonomous Driving Computing Chips Product and Services
  - 2.4.4 TI Automotive-Grade Autonomous Driving Computing Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.4.5 TI Recent Developments/Updates
- 2.5 Qualcomm
  - 2.5.1 Qualcomm Details
  - 2.5.2 Qualcomm Major Business
  - 2.5.3 Qualcomm Automotive-Grade Autonomous Driving Computing Chips Product and Services
  - 2.5.4 Qualcomm Automotive-Grade Autonomous Driving Computing Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.5.5 Qualcomm Recent Developments/Updates
- 2.6 Mobily (Intel)
  - 2.6.1 Mobily (Intel) Details
  - 2.6.2 Mobily (Intel) Major Business
  - 2.6.3 Mobily (Intel) Automotive-Grade Autonomous Driving Computing Chips Product and Services
  - 2.6.4 Mobily (Intel) Automotive-Grade Autonomous Driving Computing Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.6.5 Mobily (Intel) Recent Developments/Updates
- 2.7 AMD

- 2.7.1 AMD Details
- 2.7.2 AMD Major Business
- 2.7.3 AMD Automotive-Grade Autonomous Driving Computing Chips Product and Services
- 2.7.4 AMD Automotive-Grade Autonomous Driving Computing Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.7.5 AMD Recent Developments/Updates
- 2.8 Renesas
  - 2.8.1 Renesas Details
  - 2.8.2 Renesas Major Business
  - 2.8.3 Renesas Automotive-Grade Autonomous Driving Computing Chips Product and Services
  - 2.8.4 Renesas Automotive-Grade Autonomous Driving Computing Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.8.5 Renesas Recent Developments/Updates
- 2.9 Beijing Horizon Information Technology
  - 2.9.1 Beijing Horizon Information Technology Details
  - 2.9.2 Beijing Horizon Information Technology Major Business
  - 2.9.3 Beijing Horizon Information Technology Automotive-Grade Autonomous Driving Computing Chips Product and Services
  - 2.9.4 Beijing Horizon Information Technology Automotive-Grade Autonomous Driving Computing Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.9.5 Beijing Horizon Information Technology Recent Developments/Updates
- 2.10 Desay SV Automotive
  - 2.10.1 Desay SV Automotive Details
  - 2.10.2 Desay SV Automotive Major Business
  - 2.10.3 Desay SV Automotive Automotive-Grade Autonomous Driving Computing Chips Product and Services
  - 2.10.4 Desay SV Automotive Automotive-Grade Autonomous Driving Computing Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
  - 2.10.5 Desay SV Automotive Recent Developments/Updates
- 2.11 Black Sesame Intelligent Technology
  - 2.11.1 Black Sesame Intelligent Technology Details
  - 2.11.2 Black Sesame Intelligent Technology Major Business
  - 2.11.3 Black Sesame Intelligent Technology Automotive-Grade Autonomous Driving Computing Chips Product and Services
  - 2.11.4 Black Sesame Intelligent Technology Automotive-Grade Autonomous Driving Computing Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market

Share (2020-2025)

2.11.5 Black Sesame Intelligent Technology Recent Developments/Updates

2.12 Semidrive Technology

2.12.1 Semidrive Technology Details

2.12.2 Semidrive Technology Major Business

2.12.3 Semidrive Technology Automotive-Grade Autonomous Driving Computing Chips Product and Services

2.12.4 Semidrive Technology Automotive-Grade Autonomous Driving Computing Chips Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.12.5 Semidrive Technology Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: AUTOMOTIVE-GRADE AUTONOMOUS DRIVING COMPUTING CHIPS BY MANUFACTURER**

3.1 Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Manufacturer (2020-2025)

3.2 Global Automotive-Grade Autonomous Driving Computing Chips Revenue by Manufacturer (2020-2025)

3.3 Global Automotive-Grade Autonomous Driving Computing Chips Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Automotive-Grade Autonomous Driving Computing Chips by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Automotive-Grade Autonomous Driving Computing Chips Manufacturer Market Share in 2024

3.4.3 Top 6 Automotive-Grade Autonomous Driving Computing Chips Manufacturer Market Share in 2024

3.5 Automotive-Grade Autonomous Driving Computing Chips Market: Overall Company Footprint Analysis

3.5.1 Automotive-Grade Autonomous Driving Computing Chips Market: Region Footprint

3.5.2 Automotive-Grade Autonomous Driving Computing Chips Market: Company Product Type Footprint

3.5.3 Automotive-Grade Autonomous Driving Computing Chips Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

4.1 Global Automotive-Grade Autonomous Driving Computing Chips Market Size by Region

4.1.1 Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Region (2020-2031)

4.1.2 Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Region (2020-2031)

4.1.3 Global Automotive-Grade Autonomous Driving Computing Chips Average Price by Region (2020-2031)

4.2 North America Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031)

4.3 Europe Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031)

4.4 Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031)

4.5 South America Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031)

4.6 Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031)

## **5 MARKET SEGMENT BY TYPE**

5.1 Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2020-2031)

5.2 Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Type (2020-2031)

5.3 Global Automotive-Grade Autonomous Driving Computing Chips Average Price by Type (2020-2031)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2020-2031)

6.2 Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Application (2020-2031)

6.3 Global Automotive-Grade Autonomous Driving Computing Chips Average Price by Application (2020-2031)

## **7 NORTH AMERICA**

7.1 North America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2020-2031)

7.2 North America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2020-2031)

7.3 North America Automotive-Grade Autonomous Driving Computing Chips Market Size by Country

7.3.1 North America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Country (2020-2031)

7.3.2 North America Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

## **8 EUROPE**

8.1 Europe Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2020-2031)

8.2 Europe Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2020-2031)

8.3 Europe Automotive-Grade Autonomous Driving Computing Chips Market Size by Country

8.3.1 Europe Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Country (2020-2031)

8.3.2 Europe Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Sales

Quantity by Application (2020-2031)

9.3 Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Market Size by Region

9.3.1 Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Sales

Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips

Consumption Value by Region (2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

## **10 SOUTH AMERICA**

10.1 South America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2020-2031)

10.2 South America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2020-2031)

10.3 South America Automotive-Grade Autonomous Driving Computing Chips Market Size by Country

10.3.1 South America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Country (2020-2031)

10.3.2 South America Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Market Size by Country

11.3.1 Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

## **12 MARKET DYNAMICS**

12.1 Automotive-Grade Autonomous Driving Computing Chips Market Drivers

12.2 Automotive-Grade Autonomous Driving Computing Chips Market Restraints

12.3 Automotive-Grade Autonomous Driving Computing Chips Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Automotive-Grade Autonomous Driving Computing Chips and Key Manufacturers

13.2 Manufacturing Costs Percentage of Automotive-Grade Autonomous Driving Computing Chips

13.3 Automotive-Grade Autonomous Driving Computing Chips Production Process

13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Automotive-Grade Autonomous Driving Computing Chips Typical Distributors

14.3 Automotive-Grade Autonomous Driving Computing Chips Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Type, (USD Million), 2020 & 2024 & 2031
- Table 2. Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Table 3. Nvidia Basic Information, Manufacturing Base and Competitors
- Table 4. Nvidia Major Business
- Table 5. Nvidia Automotive-Grade Autonomous Driving Computing Chips Product and Services
- Table 6. Nvidia Automotive-Grade Autonomous Driving Computing Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 7. Nvidia Recent Developments/Updates
- Table 8. Huawei Basic Information, Manufacturing Base and Competitors
- Table 9. Huawei Major Business
- Table 10. Huawei Automotive-Grade Autonomous Driving Computing Chips Product and Services
- Table 11. Huawei Automotive-Grade Autonomous Driving Computing Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 12. Huawei Recent Developments/Updates
- Table 13. Tesla Basic Information, Manufacturing Base and Competitors
- Table 14. Tesla Major Business
- Table 15. Tesla Automotive-Grade Autonomous Driving Computing Chips Product and Services
- Table 16. Tesla Automotive-Grade Autonomous Driving Computing Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
- Table 17. Tesla Recent Developments/Updates
- Table 18. TI Basic Information, Manufacturing Base and Competitors
- Table 19. TI Major Business
- Table 20. TI Automotive-Grade Autonomous Driving Computing Chips Product and Services
- Table 21. TI Automotive-Grade Autonomous Driving Computing Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. TI Recent Developments/Updates

Table 23. Qualcomm Basic Information, Manufacturing Base and Competitors

Table 24. Qualcomm Major Business

Table 25. Qualcomm Automotive-Grade Autonomous Driving Computing Chips Product and Services

Table 26. Qualcomm Automotive-Grade Autonomous Driving Computing Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Qualcomm Recent Developments/Updates

Table 28. Mobileye (Intel) Basic Information, Manufacturing Base and Competitors

Table 29. Mobileye (Intel) Major Business

Table 30. Mobileye (Intel) Automotive-Grade Autonomous Driving Computing Chips Product and Services

Table 31. Mobileye (Intel) Automotive-Grade Autonomous Driving Computing Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. Mobileye (Intel) Recent Developments/Updates

Table 33. AMD Basic Information, Manufacturing Base and Competitors

Table 34. AMD Major Business

Table 35. AMD Automotive-Grade Autonomous Driving Computing Chips Product and Services

Table 36. AMD Automotive-Grade Autonomous Driving Computing Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. AMD Recent Developments/Updates

Table 38. Renesas Basic Information, Manufacturing Base and Competitors

Table 39. Renesas Major Business

Table 40. Renesas Automotive-Grade Autonomous Driving Computing Chips Product and Services

Table 41. Renesas Automotive-Grade Autonomous Driving Computing Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Renesas Recent Developments/Updates

Table 43. Beijing Horizon Information Technology Basic Information, Manufacturing Base and Competitors

Table 44. Beijing Horizon Information Technology Major Business

Table 45. Beijing Horizon Information Technology Automotive-Grade Autonomous Driving Computing Chips Product and Services

Table 46. Beijing Horizon Information Technology Automotive-Grade Autonomous

Driving Computing Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Beijing Horizon Information Technology Recent Developments/Updates

Table 48. Desay SV Automotive Basic Information, Manufacturing Base and Competitors

Table 49. Desay SV Automotive Major Business

Table 50. Desay SV Automotive Automotive-Grade Autonomous Driving Computing Chips Product and Services

Table 51. Desay SV Automotive Automotive-Grade Autonomous Driving Computing Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Desay SV Automotive Recent Developments/Updates

Table 53. Black Sesame Intelligent Technology Basic Information, Manufacturing Base and Competitors

Table 54. Black Sesame Intelligent Technology Major Business

Table 55. Black Sesame Intelligent Technology Automotive-Grade Autonomous Driving Computing Chips Product and Services

Table 56. Black Sesame Intelligent Technology Automotive-Grade Autonomous Driving Computing Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Black Sesame Intelligent Technology Recent Developments/Updates

Table 58. Semidrive Technology Basic Information, Manufacturing Base and Competitors

Table 59. Semidrive Technology Major Business

Table 60. Semidrive Technology Automotive-Grade Autonomous Driving Computing Chips Product and Services

Table 61. Semidrive Technology Automotive-Grade Autonomous Driving Computing Chips Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Semidrive Technology Recent Developments/Updates

Table 63. Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 64. Global Automotive-Grade Autonomous Driving Computing Chips Revenue by Manufacturer (2020-2025) & (USD Million)

Table 65. Global Automotive-Grade Autonomous Driving Computing Chips Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 66. Market Position of Manufacturers in Automotive-Grade Autonomous Driving Computing Chips, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 67. Head Office and Automotive-Grade Autonomous Driving Computing Chips

Production Site of Key Manufacturer

Table 68. Automotive-Grade Autonomous Driving Computing Chips Market: Company Product Type Footprint

Table 69. Automotive-Grade Autonomous Driving Computing Chips Market: Company Product Application Footprint

Table 70. Automotive-Grade Autonomous Driving Computing Chips New Market Entrants and Barriers to Market Entry

Table 71. Automotive-Grade Autonomous Driving Computing Chips Mergers, Acquisition, Agreements, and Collaborations

Table 72. Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 73. Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Region (2020-2025) & (K Units)

Table 74. Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Region (2026-2031) & (K Units)

Table 75. Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Region (2020-2025) & (USD Million)

Table 76. Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Region (2026-2031) & (USD Million)

Table 77. Global Automotive-Grade Autonomous Driving Computing Chips Average Price by Region (2020-2025) & (US\$/Unit)

Table 78. Global Automotive-Grade Autonomous Driving Computing Chips Average Price by Region (2026-2031) & (US\$/Unit)

Table 79. Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2020-2025) & (K Units)

Table 80. Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2026-2031) & (K Units)

Table 81. Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Type (2020-2025) & (USD Million)

Table 82. Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Type (2026-2031) & (USD Million)

Table 83. Global Automotive-Grade Autonomous Driving Computing Chips Average Price by Type (2020-2025) & (US\$/Unit)

Table 84. Global Automotive-Grade Autonomous Driving Computing Chips Average Price by Type (2026-2031) & (US\$/Unit)

Table 85. Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2020-2025) & (K Units)

Table 86. Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2026-2031) & (K Units)

- Table 87. Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Application (2020-2025) & (USD Million)
- Table 88. Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Application (2026-2031) & (USD Million)
- Table 89. Global Automotive-Grade Autonomous Driving Computing Chips Average Price by Application (2020-2025) & (US\$/Unit)
- Table 90. Global Automotive-Grade Autonomous Driving Computing Chips Average Price by Application (2026-2031) & (US\$/Unit)
- Table 91. North America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2020-2025) & (K Units)
- Table 92. North America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2026-2031) & (K Units)
- Table 93. North America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2020-2025) & (K Units)
- Table 94. North America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2026-2031) & (K Units)
- Table 95. North America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Country (2020-2025) & (K Units)
- Table 96. North America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Country (2026-2031) & (K Units)
- Table 97. North America Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Country (2020-2025) & (USD Million)
- Table 98. North America Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Country (2026-2031) & (USD Million)
- Table 99. Europe Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2020-2025) & (K Units)
- Table 100. Europe Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2026-2031) & (K Units)
- Table 101. Europe Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2020-2025) & (K Units)
- Table 102. Europe Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2026-2031) & (K Units)
- Table 103. Europe Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Country (2020-2025) & (K Units)
- Table 104. Europe Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Country (2026-2031) & (K Units)
- Table 105. Europe Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Country (2020-2025) & (USD Million)
- Table 106. Europe Automotive-Grade Autonomous Driving Computing Chips

Consumption Value by Country (2026-2031) & (USD Million)

Table 107. Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2020-2025) & (K Units)

Table 108. Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2026-2031) & (K Units)

Table 109. Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2020-2025) & (K Units)

Table 110. Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2026-2031) & (K Units)

Table 111. Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Region (2020-2025) & (K Units)

Table 112. Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Region (2026-2031) & (K Units)

Table 113. Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Region (2020-2025) & (USD Million)

Table 114. Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Region (2026-2031) & (USD Million)

Table 115. South America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2020-2025) & (K Units)

Table 116. South America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2026-2031) & (K Units)

Table 117. South America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2020-2025) & (K Units)

Table 118. South America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2026-2031) & (K Units)

Table 119. South America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Country (2020-2025) & (K Units)

Table 120. South America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Country (2026-2031) & (K Units)

Table 121. South America Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Country (2020-2025) & (USD Million)

Table 122. South America Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Country (2026-2031) & (USD Million)

Table 123. Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2020-2025) & (K Units)

Table 124. Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Type (2026-2031) & (K Units)

Table 125. Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2020-2025) & (K Units)

Table 126. Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Application (2026-2031) & (K Units)

Table 127. Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Country (2020-2025) & (K Units)

Table 128. Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Sales Quantity by Country (2026-2031) & (K Units)

Table 129. Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Country (2020-2025) & (USD Million)

Table 130. Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Country (2026-2031) & (USD Million)

Table 131. Automotive-Grade Autonomous Driving Computing Chips Raw Material

Table 132. Key Manufacturers of Automotive-Grade Autonomous Driving Computing Chips Raw Materials

Table 133. Automotive-Grade Autonomous Driving Computing Chips Typical Distributors

Table 134. Automotive-Grade Autonomous Driving Computing Chips Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Automotive-Grade Autonomous Driving Computing Chips Picture
- Figure 2. Global Automotive-Grade Autonomous Driving Computing Chips Revenue by Type, (USD Million), 2020 & 2024 & 2031
- Figure 3. Global Automotive-Grade Autonomous Driving Computing Chips Revenue Market Share by Type in 2024
- Figure 4. 100TOPS Below Examples
- Figure 5. 100-200TOPS Examples
- Figure 6. 200TOPS Above Examples
- Figure 7. Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value by Application, (USD Million), 2020 & 2024 & 2031
- Figure 8. Global Automotive-Grade Autonomous Driving Computing Chips Revenue Market Share by Application in 2024
- Figure 9. BEV Examples
- Figure 10. PHEV Examples
- Figure 11. Others Examples
- Figure 12. Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value, (USD Million): 2020 & 2024 & 2031
- Figure 13. Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value and Forecast (2020-2031) & (USD Million)
- Figure 14. Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity (2020-2031) & (K Units)
- Figure 15. Global Automotive-Grade Autonomous Driving Computing Chips Price (2020-2031) & (US\$/Unit)
- Figure 16. Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity Market Share by Manufacturer in 2024
- Figure 17. Global Automotive-Grade Autonomous Driving Computing Chips Revenue Market Share by Manufacturer in 2024
- Figure 18. Producer Shipments of Automotive-Grade Autonomous Driving Computing Chips by Manufacturer Sales (\$MM) and Market Share (%): 2024
- Figure 19. Top 3 Automotive-Grade Autonomous Driving Computing Chips Manufacturer (Revenue) Market Share in 2024
- Figure 20. Top 6 Automotive-Grade Autonomous Driving Computing Chips Manufacturer (Revenue) Market Share in 2024
- Figure 21. Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity Market Share by Region (2020-2031)

- Figure 22. Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value Market Share by Region (2020-2031)
- Figure 23. North America Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031) & (USD Million)
- Figure 24. Europe Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031) & (USD Million)
- Figure 25. Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031) & (USD Million)
- Figure 26. South America Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031) & (USD Million)
- Figure 27. Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031) & (USD Million)
- Figure 28. Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity Market Share by Type (2020-2031)
- Figure 29. Global Automotive-Grade Autonomous Driving Computing Chips Consumption Value Market Share by Type (2020-2031)
- Figure 30. Global Automotive-Grade Autonomous Driving Computing Chips Average Price by Type (2020-2031) & (US\$/Unit)
- Figure 31. Global Automotive-Grade Autonomous Driving Computing Chips Sales Quantity Market Share by Application (2020-2031)
- Figure 32. Global Automotive-Grade Autonomous Driving Computing Chips Revenue Market Share by Application (2020-2031)
- Figure 33. Global Automotive-Grade Autonomous Driving Computing Chips Average Price by Application (2020-2031) & (US\$/Unit)
- Figure 34. North America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity Market Share by Type (2020-2031)
- Figure 35. North America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity Market Share by Application (2020-2031)
- Figure 36. North America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity Market Share by Country (2020-2031)
- Figure 37. North America Automotive-Grade Autonomous Driving Computing Chips Consumption Value Market Share by Country (2020-2031)
- Figure 38. United States Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031) & (USD Million)
- Figure 39. Canada Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031) & (USD Million)
- Figure 40. Mexico Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031) & (USD Million)
- Figure 41. Europe Automotive-Grade Autonomous Driving Computing Chips Sales

Quantity Market Share by Type (2020-2031)

Figure 42. Europe Automotive-Grade Autonomous Driving Computing Chips Sales

Quantity Market Share by Application (2020-2031)

Figure 43. Europe Automotive-Grade Autonomous Driving Computing Chips Sales

Quantity Market Share by Country (2020-2031)

Figure 44. Europe Automotive-Grade Autonomous Driving Computing Chips

Consumption Value Market Share by Country (2020-2031)

Figure 45. Germany Automotive-Grade Autonomous Driving Computing Chips

Consumption Value (2020-2031) & (USD Million)

Figure 46. France Automotive-Grade Autonomous Driving Computing Chips

Consumption Value (2020-2031) & (USD Million)

Figure 47. United Kingdom Automotive-Grade Autonomous Driving Computing Chips

Consumption Value (2020-2031) & (USD Million)

Figure 48. Russia Automotive-Grade Autonomous Driving Computing Chips

Consumption Value (2020-2031) & (USD Million)

Figure 49. Italy Automotive-Grade Autonomous Driving Computing Chips Consumption

Value (2020-2031) & (USD Million)

Figure 50. Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Sales

Quantity Market Share by Type (2020-2031)

Figure 51. Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Sales

Quantity Market Share by Application (2020-2031)

Figure 52. Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips Sales

Quantity Market Share by Region (2020-2031)

Figure 53. Asia-Pacific Automotive-Grade Autonomous Driving Computing Chips

Consumption Value Market Share by Region (2020-2031)

Figure 54. China Automotive-Grade Autonomous Driving Computing Chips

Consumption Value (2020-2031) & (USD Million)

Figure 55. Japan Automotive-Grade Autonomous Driving Computing Chips

Consumption Value (2020-2031) & (USD Million)

Figure 56. South Korea Automotive-Grade Autonomous Driving Computing Chips

Consumption Value (2020-2031) & (USD Million)

Figure 57. India Automotive-Grade Autonomous Driving Computing Chips Consumption

Value (2020-2031) & (USD Million)

Figure 58. Southeast Asia Automotive-Grade Autonomous Driving Computing Chips

Consumption Value (2020-2031) & (USD Million)

Figure 59. Australia Automotive-Grade Autonomous Driving Computing Chips

Consumption Value (2020-2031) & (USD Million)

Figure 60. South America Automotive-Grade Autonomous Driving Computing Chips

Sales Quantity Market Share by Type (2020-2031)

- Figure 61. South America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity Market Share by Application (2020-2031)
- Figure 62. South America Automotive-Grade Autonomous Driving Computing Chips Sales Quantity Market Share by Country (2020-2031)
- Figure 63. South America Automotive-Grade Autonomous Driving Computing Chips Consumption Value Market Share by Country (2020-2031)
- Figure 64. Brazil Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031) & (USD Million)
- Figure 65. Argentina Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031) & (USD Million)
- Figure 66. Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Sales Quantity Market Share by Type (2020-2031)
- Figure 67. Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Sales Quantity Market Share by Application (2020-2031)
- Figure 68. Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Sales Quantity Market Share by Country (2020-2031)
- Figure 69. Middle East & Africa Automotive-Grade Autonomous Driving Computing Chips Consumption Value Market Share by Country (2020-2031)
- Figure 70. Turkey Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031) & (USD Million)
- Figure 71. Egypt Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031) & (USD Million)
- Figure 72. Saudi Arabia Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031) & (USD Million)
- Figure 73. South Africa Automotive-Grade Autonomous Driving Computing Chips Consumption Value (2020-2031) & (USD Million)
- Figure 74. Automotive-Grade Autonomous Driving Computing Chips Market Drivers
- Figure 75. Automotive-Grade Autonomous Driving Computing Chips Market Restraints
- Figure 76. Automotive-Grade Autonomous Driving Computing Chips Market Trends
- Figure 77. Porters Five Forces Analysis
- Figure 78. Manufacturing Cost Structure Analysis of Automotive-Grade Autonomous Driving Computing Chips in 2024
- Figure 79. Manufacturing Process Analysis of Automotive-Grade Autonomous Driving Computing Chips
- Figure 80. Automotive-Grade Autonomous Driving Computing Chips Industrial Chain
- Figure 81. Sales Channel: Direct to End-User vs Distributors
- Figure 82. Direct Channel Pros & Cons
- Figure 83. Indirect Channel Pros & Cons
- Figure 84. Methodology

Figure 85. Research Process and Data Source

## I would like to order

Product name: Global Automotive-Grade Autonomous Driving Computing Chips Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/GF35BF9648C2EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF35BF9648C2EN.html>