+357 96 030922
info@marketpublishers.com

Global Autonomous Driving GPU Chip Market Growth 2026-2032

https://marketpublishers.com/r/G3AB111BFDD4EN.html
Date: January 2026
Pages: 84
Price: US$ 3,660.00 (Single User License)
ID: G3AB111BFDD4EN

Abstracts

The global Autonomous Driving GPU Chip market size is predicted to grow from US$ 3436 million in 2025 to US$ 7560 million in 2032; it is expected to grow at a CAGR of 12.2% from 2026 to 2032.

An Autonomous Driving GPU Chip is a compute processor designed specifically for autonomous driving systems, meeting automotive-grade requirements for reliability, functional safety, and long-term operation, and serving as a core acceleration engine within ADAS or autonomous driving domain controllers and centralized compute platforms. Its primary purpose is to handle massive, highly parallel workloads?such as sensor data processing, perception, sensor fusion, visualization, and increasingly AI inference?under strict constraints on power consumption, thermal dissipation, real-time determinism, and safety certification. Historically, the technology evolved from early stages where consumer GPUs were used mainly for research and prototyping, to automotive-adapted parallel processors, and ultimately to today?s tightly integrated autonomous driving compute platforms in which the GPU works alongside CPUs, AI accelerators, ISPs, and safety subsystems as part of a unified heterogeneous architecture. Upstream, the supply chain spans semiconductor raw materials (silicon wafers, epitaxial layers, advanced packaging substrates, thermal interface materials), manufacturing and packaging inputs, and essential components and processes such as automotive-grade foundry services, advanced packaging and testing, memory devices, power management components, high-speed interconnects, and qualified passive components, all of which underpin the performance, safety, and production scalability of autonomous driving GPU chips.In 2025, global production capacity for autonomous driving GPU chips is estimated at 15 million units, while sales reached approximately 11.24 million units. The average selling price is about USD 312.4 per chip, and gross margins across suppliers generally range between 50% and 70%.

+357 96 030922
info@marketpublishers.com

The current market is characterized by growing concentration and platform-oriented adoption, with autonomous driving programs increasingly centered on solutions that are production-ready, verifiable, and sustainable over long vehicle lifecycles. OEMs and Tier-1 suppliers place greater emphasis on real-world stability, consistency under multi-sensor concurrency, and alignment with vehicle E/E architectures than on raw peak performance. GPU capabilities are typically evaluated as part of an integrated autonomous driving compute platform, where their value lies in visualization, development and debugging efficiency, model validation, and data replay workflows. As a result, mature solutions with proven ecosystems tend to be reused across programs, while new entrants face extended validation cycles before achieving broad deployment.

Looking ahead, evolution will be driven by changes in workload structure, stronger requirements for system determinism, and deeper software industrialization. Autonomous driving workloads continue to move toward long-running, multi-task operation, raising expectations for sustained performance, memory efficiency, and predictable scheduling, and pushing tighter coordination between GPUs and other heterogeneous compute units. At the vehicle level, increasing safety and real-time constraints will accelerate the adoption of refined isolation, partitioning, and redundancy mechanisms to ensure predictable behavior under complex parallel execution. At the same time, software becomes central to differentiation: robust model deployment pipelines, version control, OTA updates, and traceability are becoming essential capabilities, and the maturity and maintainability of GPU software stacks will strongly influence platform longevity.

Key drivers include the rising complexity of autonomous driving functions, the need for higher development efficiency, and OEM demands for safety assurance and long-term cost control. Advanced driver assistance and automation require powerful parallel computing and effective visualization tools, while regulatory and liability considerations push systems toward verifiable and explainable operation. However, constraints remain significant: automotive-grade functional safety and reliability validation is time-consuming and expensive, real-time predictability under mixed GPU workloads is technically challenging, and long-term supply stability places pressure on both vendors and customers. In addition, ecosystem lock-in and limited tooling transparency can reduce OEM control and flexibility, making platform choices difficult to reverse once vehicles enter production. Together, these factors shape both the pace of adoption and the competitive landscape of the market.

LP Information, Inc. (LPI) ' newest research report, the ?Autonomous Driving GPU Chip

+357 96 030922
info@marketpublishers.com

Industry Forecast? looks at past sales and reviews total world Autonomous Driving GPU Chip sales in 2025, providing a comprehensive analysis by region and market sector of projected Autonomous Driving GPU Chip sales for 2026 through 2032. With Autonomous Driving GPU Chip sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Autonomous Driving GPU Chip industry.

This Insight Report provides a comprehensive analysis of the global Autonomous Driving GPU Chip 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 Autonomous Driving GPU Chip portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms? unique position in an accelerating global Autonomous Driving GPU Chip market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Autonomous Driving GPU Chip 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 Autonomous Driving GPU Chip.

This report presents a comprehensive overview, market shares, and growth opportunities of Autonomous Driving GPU Chip market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Discrete GPU

Integrated GPU

Segmentation by Compute Performance Tier:

Entry-Level

Mainstream

+357 96 030922
info@marketpublishers.com

High-Performance

Ultra-High Performance

Segmentation by Workload Focus:

Graphics-Centric

Vision-Centric

AI Inference-Centric

Mixed Workloads

Segmentation by Application:

Commercial Vehicles

Passenger Vehicles

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

+357 96 030922
info@marketpublishers.com

- 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.

+357 96 030922
info@marketpublishers.com

NVIDIA

Qualcomm

Mobileye

Horizon Robotics

Black Sesame Technologies

Key Questions Addressed in this Report

What is the 10-year outlook for the global Autonomous Driving GPU Chip market?
What factors are driving Autonomous Driving GPU Chip market growth, globally and by region?
Which technologies are poised for the fastest growth by market and region?
How do Autonomous Driving GPU Chip market opportunities vary by end market size?
How does Autonomous Driving GPU Chip break out by Type, by Application?

+357 96 030922
info@marketpublishers.com

Contents

1 SCOPE OF THE REPORT

1.1 Market Introduction
1.2 Years Considered
1.3 Research Objectives
1.4 Market Research Methodology
1.5 Research Process and Data Source
1.6 Economic Indicators
1.7 Currency Considered
1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview
  2.1.1 Global Autonomous Driving GPU Chip Annual Sales 2021-2032
  2.1.2 World Current & Future Analysis for Autonomous Driving GPU Chip by Geographic Region, 2021, 2025 & 2032
  2.1.3 World Current & Future Analysis for Autonomous Driving GPU Chip by Country/Region, 2021, 2025 & 2032
2.2 Autonomous Driving GPU Chip Segment by Type
  2.2.1 Discrete GPU
  2.2.2 Integrated GPU
  2.2.3 Autonomous Driving GPU Chip Sales by Type
    2.2.3.1 Global Autonomous Driving GPU Chip Sales Market Share by Type (2021-2026)
    2.2.3.2 Global Autonomous Driving GPU Chip Revenue and Market Share by Type (2021-2026)
    2.2.3.3 Global Autonomous Driving GPU Chip Sale Price by Type (2021-2026)
2.3 Autonomous Driving GPU Chip Segment by Compute Performance Tier
  2.3.1 Entry-Level
  2.3.2 Mainstream
  2.3.3 High-Performance
  2.3.4 Ultra-High Performance
  2.3.5 Autonomous Driving GPU Chip Sales by Compute Performance Tier
    2.3.5.1 Global Autonomous Driving GPU Chip Sales Market Share by Compute Performance Tier (2021-2026)
    2.3.5.2 Global Autonomous Driving GPU Chip Revenue and Market Share by

+357 96 030922
info@marketpublishers.com

Compute Performance Tier (2021-2026)
2.3.5.3 Global Autonomous Driving GPU Chip Sale Price by Compute Performance Tier (2021-2026)
2.4 Autonomous Driving GPU Chip Segment by Workload Focus
2.4.1 Graphics-Centric
2.4.2 Vision-Centric
2.4.3 AI Inference-Centric
2.4.4 Mixed Workloads
2.4.5 Autonomous Driving GPU Chip Sales by Workload Focus
2.4.5.1 Global Autonomous Driving GPU Chip Sales Market Share by Workload Focus (2021-2026)
2.4.5.2 Global Autonomous Driving GPU Chip Revenue and Market Share by Workload Focus (2021-2026)
2.4.5.3 Global Autonomous Driving GPU Chip Sale Price by Workload Focus (2021-2026)
2.5 Autonomous Driving GPU Chip Segment by Application
2.5.1 Commercial Vehicles
2.5.2 Passenger Vehicles
2.5.3 Autonomous Driving GPU Chip Sales by Application
2.5.3.1 Global Autonomous Driving GPU Chip Sale Market Share by Application (2021-2026)
2.5.3.2 Global Autonomous Driving GPU Chip Revenue and Market Share by Application (2021-2026)
2.5.3.3 Global Autonomous Driving GPU Chip Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Autonomous Driving GPU Chip Breakdown Data by Company
3.1.1 Global Autonomous Driving GPU Chip Annual Sales by Company (2021-2026)
3.1.2 Global Autonomous Driving GPU Chip Sales Market Share by Company (2021-2026)
3.2 Global Autonomous Driving GPU Chip Annual Revenue by Company (2021-2026)
3.2.1 Global Autonomous Driving GPU Chip Revenue by Company (2021-2026)
3.2.2 Global Autonomous Driving GPU Chip Revenue Market Share by Company (2021-2026)
3.3 Global Autonomous Driving GPU Chip Sale Price by Company
3.4 Key Manufacturers Autonomous Driving GPU Chip Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers Autonomous Driving GPU Chip Product Location Distribution

+357 96 030922
info@marketpublishers.com

3.4.2 Players Autonomous Driving GPU Chip Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis
3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR AUTONOMOUS DRIVING GPU CHIP BY GEOGRAPHIC REGION

4.1 World Historic Autonomous Driving GPU Chip Market Size by Geographic Region (2021-2026)
4.1.1 Global Autonomous Driving GPU Chip Annual Sales by Geographic Region (2021-2026)
4.1.2 Global Autonomous Driving GPU Chip Annual Revenue by Geographic Region (2021-2026)
4.2 World Historic Autonomous Driving GPU Chip Market Size by Country/Region (2021-2026)
4.2.1 Global Autonomous Driving GPU Chip Annual Sales by Country/Region (2021-2026)
4.2.2 Global Autonomous Driving GPU Chip Annual Revenue by Country/Region (2021-2026)
4.3 Americas Autonomous Driving GPU Chip Sales Growth
4.4 APAC Autonomous Driving GPU Chip Sales Growth
4.5 Europe Autonomous Driving GPU Chip Sales Growth
4.6 Middle East & Africa Autonomous Driving GPU Chip Sales Growth

5 AMERICAS

5.1 Americas Autonomous Driving GPU Chip Sales by Country
5.1.1 Americas Autonomous Driving GPU Chip Sales by Country (2021-2026)
5.1.2 Americas Autonomous Driving GPU Chip Revenue by Country (2021-2026)
5.2 Americas Autonomous Driving GPU Chip Sales by Type (2021-2026)
5.3 Americas Autonomous Driving GPU Chip Sales by Application (2021-2026)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

+357 96 030922
info@marketpublishers.com

6 APAC

6.1 APAC Autonomous Driving GPU Chip Sales by Region
6.1.1 APAC Autonomous Driving GPU Chip Sales by Region (2021-2026)
6.1.2 APAC Autonomous Driving GPU Chip Revenue by Region (2021-2026)
6.2 APAC Autonomous Driving GPU Chip Sales by Type (2021-2026)
6.3 APAC Autonomous Driving GPU Chip Sales by Application (2021-2026)
6.4 China
6.5 Japan
6.6 South Korea
6.7 Southeast Asia
6.8 India
6.9 Australia
6.10 China Taiwan

7 EUROPE

7.1 Europe Autonomous Driving GPU Chip by Country
7.1.1 Europe Autonomous Driving GPU Chip Sales by Country (2021-2026)
7.1.2 Europe Autonomous Driving GPU Chip Revenue by Country (2021-2026)
7.2 Europe Autonomous Driving GPU Chip Sales by Type (2021-2026)
7.3 Europe Autonomous Driving GPU Chip Sales by Application (2021-2026)
7.4 Germany
7.5 France
7.6 UK
7.7 Italy
7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Autonomous Driving GPU Chip by Country
8.1.1 Middle East & Africa Autonomous Driving GPU Chip Sales by Country (2021-2026)
8.1.2 Middle East & Africa Autonomous Driving GPU Chip Revenue by Country (2021-2026)
8.2 Middle East & Africa Autonomous Driving GPU Chip Sales by Type (2021-2026)
8.3 Middle East & Africa Autonomous Driving GPU Chip Sales by Application (2021-2026)
8.4 Egypt

+357 96 030922
info@marketpublishers.com

8.5 South Africa
8.6 Israel
8.7 Turkey
8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities
9.2 Market Challenges & Risks
9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers
10.2 Manufacturing Cost Structure Analysis of Autonomous Driving GPU Chip
10.3 Manufacturing Process Analysis of Autonomous Driving GPU Chip
10.4 Industry Chain Structure of Autonomous Driving GPU Chip

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 Autonomous Driving GPU Chip Distributors
11.3 Autonomous Driving GPU Chip Customer

12 WORLD FORECAST REVIEW FOR AUTONOMOUS DRIVING GPU CHIP BY GEOGRAPHIC REGION

12.1 Global Autonomous Driving GPU Chip Market Size Forecast by Region
  12.1.1 Global Autonomous Driving GPU Chip Forecast by Region (2027-2032)
  12.1.2 Global Autonomous Driving GPU Chip Annual Revenue Forecast by Region (2027-2032)
12.2 Americas Forecast by Country (2027-2032)
12.3 APAC Forecast by Region (2027-2032)
12.4 Europe Forecast by Country (2027-2032)
12.5 Middle East & Africa Forecast by Country (2027-2032)
12.6 Global Autonomous Driving GPU Chip Forecast by Type (2027-2032)
12.7 Global Autonomous Driving GPU Chip Forecast by Application (2027-2032)

+357 96 030922
info@marketpublishers.com

13 KEY PLAYERS ANALYSIS

13.1 NVIDIA
13.1.1 NVIDIA Company Information
13.1.2 NVIDIA Autonomous Driving GPU Chip Product Portfolios and Specifications
13.1.3 NVIDIA Autonomous Driving GPU Chip Sales, Revenue, Price and Gross Margin (2021-2026)
13.1.4 NVIDIA Main Business Overview
13.1.5 NVIDIA Latest Developments
13.2 Qualcomm
13.2.1 Qualcomm Company Information
13.2.2 Qualcomm Autonomous Driving GPU Chip Product Portfolios and Specifications
13.2.3 Qualcomm Autonomous Driving GPU Chip Sales, Revenue, Price and Gross Margin (2021-2026)
13.2.4 Qualcomm Main Business Overview
13.2.5 Qualcomm Latest Developments
13.3 Mobileye
13.3.1 Mobileye Company Information
13.3.2 Mobileye Autonomous Driving GPU Chip Product Portfolios and Specifications
13.3.3 Mobileye Autonomous Driving GPU Chip Sales, Revenue, Price and Gross Margin (2021-2026)
13.3.4 Mobileye Main Business Overview
13.3.5 Mobileye Latest Developments
13.4 Horizon Robotics
13.4.1 Horizon Robotics Company Information
13.4.2 Horizon Robotics Autonomous Driving GPU Chip Product Portfolios and Specifications
13.4.3 Horizon Robotics Autonomous Driving GPU Chip Sales, Revenue, Price and Gross Margin (2021-2026)
13.4.4 Horizon Robotics Main Business Overview
13.4.5 Horizon Robotics Latest Developments
13.5 Black Sesame Technologies
13.5.1 Black Sesame Technologies Company Information
13.5.2 Black Sesame Technologies Autonomous Driving GPU Chip Product Portfolios and Specifications
13.5.3 Black Sesame Technologies Autonomous Driving GPU Chip Sales, Revenue, Price and Gross Margin (2021-2026)

+357 96 030922
info@marketpublishers.com

13.5.4 Black Sesame Technologies Main Business Overview
13.5.5 Black Sesame Technologies Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Autonomous Driving GPU Chip Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & ($ millions)
Table 2. Autonomous Driving GPU Chip Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & ($ millions)
Table 3. Major Players of Discrete GPU
Table 4. Major Players of Integrated GPU
Table 5. Global Autonomous Driving GPU Chip Sales by Type (2021-2026) & (K Pcs)
Table 6. Global Autonomous Driving GPU Chip Sales Market Share by Type (2021-2026)
Table 7. Global Autonomous Driving GPU Chip Revenue by Type (2021-2026) & ($ million)
Table 8. Global Autonomous Driving GPU Chip Revenue Market Share by Type (2021-2026)
Table 9. Global Autonomous Driving GPU Chip Sale Price by Type (2021-2026) & (US$/Pcs)
Table 10. Major Players of Entry-Level
Table 11. Major Players of Mainstream
Table 12. Major Players of High-Performance
Table 13. Major Players of Ultra-High Performance
Table 14. Global Autonomous Driving GPU Chip Sales by Compute Performance Tier (2021-2026) & (K Pcs)
Table 15. Global Autonomous Driving GPU Chip Sales Market Share by Compute Performance Tier (2021-2026)
Table 16. Global Autonomous Driving GPU Chip Revenue by Compute Performance Tier (2021-2026) & ($ million)
Table 17. Global Autonomous Driving GPU Chip Revenue Market Share by Compute Performance Tier (2021-2026)
Table 18. Global Autonomous Driving GPU Chip Sale Price by Compute Performance Tier (2021-2026) & (US$/Pcs)
Table 19. Major Players of Graphics-Centric
Table 20. Major Players of Vision-Centric
Table 21. Major Players of AI Inference-Centric
Table 22. Major Players of Mixed Workloads
Table 23. Global Autonomous Driving GPU Chip Sales by Workload Focus (2021-2026) & (K Pcs)

+357 96 030922
info@marketpublishers.com

Table 24. Global Autonomous Driving GPU Chip Sales Market Share by Workload Focus (2021-2026)
Table 25. Global Autonomous Driving GPU Chip Revenue by Workload Focus (2021-2026) & ($ million)
Table 26. Global Autonomous Driving GPU Chip Revenue Market Share by Workload Focus (2021-2026)
Table 27. Global Autonomous Driving GPU Chip Sale Price by Workload Focus (2021-2026) & (US$/Pcs)
Table 28. Global Autonomous Driving GPU Chip Sale by Application (2021-2026) & (K Pcs)
Table 29. Global Autonomous Driving GPU Chip Sale Market Share by Application (2021-2026)
Table 30. Global Autonomous Driving GPU Chip Revenue by Application (2021-2026) & ($ million)
Table 31. Global Autonomous Driving GPU Chip Revenue Market Share by Application (2021-2026)
Table 32. Global Autonomous Driving GPU Chip Sale Price by Application (2021-2026) & (US$/Pcs)
Table 33. Global Autonomous Driving GPU Chip Sales by Company (2021-2026) & (K Pcs)
Table 34. Global Autonomous Driving GPU Chip Sales Market Share by Company (2021-2026)
Table 35. Global Autonomous Driving GPU Chip Revenue by Company (2021-2026) & ($ millions)
Table 36. Global Autonomous Driving GPU Chip Revenue Market Share by Company (2021-2026)
Table 37. Global Autonomous Driving GPU Chip Sale Price by Company (2021-2026) & (US$/Pcs)
Table 38. Key Manufacturers Autonomous Driving GPU Chip Producing Area Distribution and Sales Area
Table 39. Players Autonomous Driving GPU Chip Products Offered
Table 40. Autonomous Driving GPU Chip Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 41. New Products and Potential Entrants
Table 42. Market M&A Activity & Strategy
Table 43. Global Autonomous Driving GPU Chip Sales by Geographic Region (2021-2026) & (K Pcs)
Table 44. Global Autonomous Driving GPU Chip Sales Market Share Geographic Region (2021-2026)

+357 96 030922
info@marketpublishers.com

Table 45. Global Autonomous Driving GPU Chip Revenue by Geographic Region (2021-2026) & ($ millions)
Table 46. Global Autonomous Driving GPU Chip Revenue Market Share by Geographic Region (2021-2026)
Table 47. Global Autonomous Driving GPU Chip Sales by Country/Region (2021-2026) & (K Pcs)
Table 48. Global Autonomous Driving GPU Chip Sales Market Share by Country/Region (2021-2026)
Table 49. Global Autonomous Driving GPU Chip Revenue by Country/Region (2021-2026) & ($ millions)
Table 50. Global Autonomous Driving GPU Chip Revenue Market Share by Country/Region (2021-2026)
Table 51. Americas Autonomous Driving GPU Chip Sales by Country (2021-2026) & (K Pcs)
Table 52. Americas Autonomous Driving GPU Chip Sales Market Share by Country (2021-2026)
Table 53. Americas Autonomous Driving GPU Chip Revenue by Country (2021-2026) & ($ millions)
Table 54. Americas Autonomous Driving GPU Chip Sales by Type (2021-2026) & (K Pcs)
Table 55. Americas Autonomous Driving GPU Chip Sales by Application (2021-2026) & (K Pcs)
Table 56. APAC Autonomous Driving GPU Chip Sales by Region (2021-2026) & (K Pcs)
Table 57. APAC Autonomous Driving GPU Chip Sales Market Share by Region (2021-2026)
Table 58. APAC Autonomous Driving GPU Chip Revenue by Region (2021-2026) & ($ millions)
Table 59. APAC Autonomous Driving GPU Chip Sales by Type (2021-2026) & (K Pcs)
Table 60. APAC Autonomous Driving GPU Chip Sales by Application (2021-2026) & (K Pcs)
Table 61. Europe Autonomous Driving GPU Chip Sales by Country (2021-2026) & (K Pcs)
Table 62. Europe Autonomous Driving GPU Chip Revenue by Country (2021-2026) & ($ millions)
Table 63. Europe Autonomous Driving GPU Chip Sales by Type (2021-2026) & (K Pcs)
Table 64. Europe Autonomous Driving GPU Chip Sales by Application (2021-2026) & (K Pcs)
Table 65. Middle East & Africa Autonomous Driving GPU Chip Sales by Country

+357 96 030922
info@marketpublishers.com

(2021-2026) & (K Pcs)
Table 66. Middle East & Africa Autonomous Driving GPU Chip Revenue Market Share by Country (2021-2026)
Table 67. Middle East & Africa Autonomous Driving GPU Chip Sales by Type (2021-2026) & (K Pcs)
Table 68. Middle East & Africa Autonomous Driving GPU Chip Sales by Application (2021-2026) & (K Pcs)
Table 69. Key Market Drivers & Growth Opportunities of Autonomous Driving GPU Chip
Table 70. Key Market Challenges & Risks of Autonomous Driving GPU Chip
Table 71. Key Industry Trends of Autonomous Driving GPU Chip
Table 72. Autonomous Driving GPU Chip Raw Material
Table 73. Key Suppliers of Raw Materials
Table 74. Autonomous Driving GPU Chip Distributors List
Table 75. Autonomous Driving GPU Chip Customer List
Table 76. Global Autonomous Driving GPU Chip Sales Forecast by Region (2027-2032) & (K Pcs)
Table 77. Global Autonomous Driving GPU Chip Revenue Forecast by Region (2027-2032) & ($ millions)
Table 78. Americas Autonomous Driving GPU Chip Sales Forecast by Country (2027-2032) & (K Pcs)
Table 79. Americas Autonomous Driving GPU Chip Annual Revenue Forecast by Country (2027-2032) & ($ millions)
Table 80. APAC Autonomous Driving GPU Chip Sales Forecast by Region (2027-2032) & (K Pcs)
Table 81. APAC Autonomous Driving GPU Chip Annual Revenue Forecast by Region (2027-2032) & ($ millions)
Table 82. Europe Autonomous Driving GPU Chip Sales Forecast by Country (2027-2032) & (K Pcs)
Table 83. Europe Autonomous Driving GPU Chip Revenue Forecast by Country (2027-2032) & ($ millions)
Table 84. Middle East & Africa Autonomous Driving GPU Chip Sales Forecast by Country (2027-2032) & (K Pcs)
Table 85. Middle East & Africa Autonomous Driving GPU Chip Revenue Forecast by Country (2027-2032) & ($ millions)
Table 86. Global Autonomous Driving GPU Chip Sales Forecast by Type (2027-2032) & (K Pcs)
Table 87. Global Autonomous Driving GPU Chip Revenue Forecast by Type (2027-2032) & ($ millions)
Table 88. Global Autonomous Driving GPU Chip Sales Forecast by Application

+357 96 030922
info@marketpublishers.com

(2027-2032) & (K Pcs)
Table 89. Global Autonomous Driving GPU Chip Revenue Forecast by Application (2027-2032) & ($ millions)
Table 90. NVIDIA Basic Information, Autonomous Driving GPU Chip Manufacturing Base, Sales Area and Its Competitors
Table 91. NVIDIA Autonomous Driving GPU Chip Product Portfolios and Specifications
Table 92. NVIDIA Autonomous Driving GPU Chip Sales (K Pcs), Revenue ($ Million), Price (US$/Pcs) and Gross Margin (2021-2026)
Table 93. NVIDIA Main Business
Table 94. NVIDIA Latest Developments
Table 95. Qualcomm Basic Information, Autonomous Driving GPU Chip Manufacturing Base, Sales Area and Its Competitors
Table 96. Qualcomm Autonomous Driving GPU Chip Product Portfolios and Specifications
Table 97. Qualcomm Autonomous Driving GPU Chip Sales (K Pcs), Revenue ($ Million), Price (US$/Pcs) and Gross Margin (2021-2026)
Table 98. Qualcomm Main Business
Table 99. Qualcomm Latest Developments
Table 100. Mobileye Basic Information, Autonomous Driving GPU Chip Manufacturing Base, Sales Area and Its Competitors
Table 101. Mobileye Autonomous Driving GPU Chip Product Portfolios and Specifications
Table 102. Mobileye Autonomous Driving GPU Chip Sales (K Pcs), Revenue ($ Million), Price (US$/Pcs) and Gross Margin (2021-2026)
Table 103. Mobileye Main Business
Table 104. Mobileye Latest Developments
Table 105. Horizon Robotics Basic Information, Autonomous Driving GPU Chip Manufacturing Base, Sales Area and Its Competitors
Table 106. Horizon Robotics Autonomous Driving GPU Chip Product Portfolios and Specifications
Table 107. Horizon Robotics Autonomous Driving GPU Chip Sales (K Pcs), Revenue ($ Million), Price (US$/Pcs) and Gross Margin (2021-2026)
Table 108. Horizon Robotics Main Business
Table 109. Horizon Robotics Latest Developments
Table 110. Black Sesame Technologies Basic Information, Autonomous Driving GPU Chip Manufacturing Base, Sales Area and Its Competitors
Table 111. Black Sesame Technologies Autonomous Driving GPU Chip Product Portfolios and Specifications
Table 112. Black Sesame Technologies Autonomous Driving GPU Chip Sales (K Pcs),

+357 96 030922
info@marketpublishers.com

Revenue ($ Million), Price (US$/Pcs) and Gross Margin (2021-2026)
Table 113. Black Sesame Technologies Main Business
Table 114. Black Sesame Technologies Latest Developments

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Autonomous Driving GPU Chip
Figure 2. Autonomous Driving GPU Chip Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Autonomous Driving GPU Chip Sales Growth Rate 2021-2032 (K Pcs)
Figure 7. Global Autonomous Driving GPU Chip Revenue Growth Rate 2021-2032 ($ millions)
Figure 8. Autonomous Driving GPU Chip Sales by Geographic Region (2021, 2025 & 2032) & ($ millions)
Figure 9. Autonomous Driving GPU Chip Sales Market Share by Country/Region (2025)
Figure 10. Autonomous Driving GPU Chip Sales Market Share by Country/Region (2021, 2025 & 2032)
Figure 11. Product Picture of Discrete GPU
Figure 12. Product Picture of Integrated GPU
Figure 13. Global Autonomous Driving GPU Chip Sales Market Share by Type in 2026
Figure 14. Global Autonomous Driving GPU Chip Revenue Market Share by Type (2021-2026)
Figure 15. Product Picture of Entry-Level
Figure 16. Product Picture of Mainstream
Figure 17. Product Picture of High-Performance
Figure 18. Product Picture of Ultra-High Performance
Figure 19. Global Autonomous Driving GPU Chip Sales Market Share by Compute Performance Tier in 2026
Figure 20. Global Autonomous Driving GPU Chip Revenue Market Share by Compute Performance Tier (2021-2026)
Figure 21. Product Picture of Graphics-Centric
Figure 22. Product Picture of Vision-Centric
Figure 23. Product Picture of AI Inference-Centric
Figure 24. Product Picture of Mixed Workloads
Figure 25. Global Autonomous Driving GPU Chip Sales Market Share by Workload Focus in 2026
Figure 26. Global Autonomous Driving GPU Chip Revenue Market Share by Workload Focus (2021-2026)
Figure 27. Autonomous Driving GPU Chip Consumed in Commercial Vehicles

+357 96 030922
info@marketpublishers.com

Figure 28. Global Autonomous Driving GPU Chip Market: Commercial Vehicles (2021-2026) & (K Pcs)
Figure 29. Autonomous Driving GPU Chip Consumed in Passenger Vehicles
Figure 30. Global Autonomous Driving GPU Chip Market: Passenger Vehicles (2021-2026) & (K Pcs)
Figure 31. Global Autonomous Driving GPU Chip Sale Market Share by Application (2025)
Figure 32. Global Autonomous Driving GPU Chip Revenue Market Share by Application in 2026
Figure 33. Autonomous Driving GPU Chip Sales by Company in 2026 (K Pcs)
Figure 34. Global Autonomous Driving GPU Chip Sales Market Share by Company in 2026
Figure 35. Autonomous Driving GPU Chip Revenue by Company in 2026 ($ millions)
Figure 36. Global Autonomous Driving GPU Chip Revenue Market Share by Company in 2026
Figure 37. Global Autonomous Driving GPU Chip Sales Market Share by Geographic Region (2021-2026)
Figure 38. Global Autonomous Driving GPU Chip Revenue Market Share by Geographic Region in 2026
Figure 39. Americas Autonomous Driving GPU Chip Sales 2021-2026 (K Pcs)
Figure 40. Americas Autonomous Driving GPU Chip Revenue 2021-2026 ($ millions)
Figure 41. APAC Autonomous Driving GPU Chip Sales 2021-2026 (K Pcs)
Figure 42. APAC Autonomous Driving GPU Chip Revenue 2021-2026 ($ millions)
Figure 43. Europe Autonomous Driving GPU Chip Sales 2021-2026 (K Pcs)
Figure 44. Europe Autonomous Driving GPU Chip Revenue 2021-2026 ($ millions)
Figure 45. Middle East & Africa Autonomous Driving GPU Chip Sales 2021-2026 (K Pcs)
Figure 46. Middle East & Africa Autonomous Driving GPU Chip Revenue 2021-2026 ($ millions)
Figure 47. Americas Autonomous Driving GPU Chip Sales Market Share by Country in 2026
Figure 48. Americas Autonomous Driving GPU Chip Revenue Market Share by Country (2021-2026)
Figure 49. Americas Autonomous Driving GPU Chip Sales Market Share by Type (2021-2026)
Figure 50. Americas Autonomous Driving GPU Chip Sales Market Share by Application (2021-2026)
Figure 51. United States Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)

+357 96 030922
info@marketpublishers.com

Figure 52. Canada Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 53. Mexico Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 54. Brazil Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 55. APAC Autonomous Driving GPU Chip Sales Market Share by Region in 2026
Figure 56. APAC Autonomous Driving GPU Chip Revenue Market Share by Region (2021-2026)
Figure 57. APAC Autonomous Driving GPU Chip Sales Market Share by Type (2021-2026)
Figure 58. APAC Autonomous Driving GPU Chip Sales Market Share by Application (2021-2026)
Figure 59. China Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 60. Japan Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 61. South Korea Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 62. Southeast Asia Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 63. India Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 64. Australia Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 65. China Taiwan Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 66. Europe Autonomous Driving GPU Chip Sales Market Share by Country in 2026
Figure 67. Europe Autonomous Driving GPU Chip Revenue Market Share by Country (2021-2026)
Figure 68. Europe Autonomous Driving GPU Chip Sales Market Share by Type (2021-2026)
Figure 69. Europe Autonomous Driving GPU Chip Sales Market Share by Application (2021-2026)
Figure 70. Germany Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 71. France Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 72. UK Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)

+357 96 030922
info@marketpublishers.com

Figure 73. Italy Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 74. Russia Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 75. Middle East & Africa Autonomous Driving GPU Chip Sales Market Share by Country (2021-2026)
Figure 76. Middle East & Africa Autonomous Driving GPU Chip Sales Market Share by Type (2021-2026)
Figure 77. Middle East & Africa Autonomous Driving GPU Chip Sales Market Share by Application (2021-2026)
Figure 78. Egypt Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 79. South Africa Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 80. Israel Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 81. Turkey Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 82. GCC Countries Autonomous Driving GPU Chip Revenue Growth 2021-2026 ($ millions)
Figure 83. Manufacturing Cost Structure Analysis of Autonomous Driving GPU Chip in 2026
Figure 84. Manufacturing Process Analysis of Autonomous Driving GPU Chip
Figure 85. Industry Chain Structure of Autonomous Driving GPU Chip
Figure 86. Channels of Distribution
Figure 87. Global Autonomous Driving GPU Chip Sales Market Forecast by Region (2027-2032)
Figure 88. Global Autonomous Driving GPU Chip Revenue Market Share Forecast by Region (2027-2032)
Figure 89. Global Autonomous Driving GPU Chip Sales Market Share Forecast by Type (2027-2032)
Figure 90. Global Autonomous Driving GPU Chip Revenue Market Share Forecast by Type (2027-2032)
Figure 91. Global Autonomous Driving GPU Chip Sales Market Share Forecast by Application (2027-2032)
Figure 92. Global Autonomous Driving GPU Chip Revenue Market Share Forecast by Application (2027-2032)

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Autonomous Driving GPU Chip Market Growth 2026-2032
Product link: https://marketpublishers.com/r/G3AB111BFDD4EN.html
Price: US$ 3,660.00 (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/G3AB111BFDD4EN.html