

Global Edge AI Acceleration Modules Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GD4286C7C512EN.html>

Date: February 2026

Pages: 114

Price: US\$ 4,480.00 (Single User License)

ID: GD4286C7C512EN

Abstracts

The global Edge AI Acceleration Modules market size is expected to reach \$ 18115 million by 2032, rising at a market growth of 21.3% CAGR during the forecast period (2026-2032).

In 2025, global Edge AI Acceleration Module output reached approximately 18.9 million units, supported by an installed capacity of about 22.5 million units, with an average unit price near USD 240, and a healthy industry-wide gross margin of around 40%. Edge AI Acceleration Modules are compact hardware units—typically based on GPUs, NPUs, TPUs, FPGAs, or ASIC accelerators—designed to deliver high-performance AI inference directly at the edge, enabling real-time vision, speech, and sensor analytics in environments where latency, bandwidth, power, and data privacy are critical (e.g., smart factories, autonomous machines, retail analytics, and medical devices). Their supply chain starts upstream with semiconductor IP and silicon fabrication (foundries such as TSMC/Samsung producing AI SoCs and accelerators), followed by substrate, memory (HBM/LPDDR), and power-management components; midstream players integrate these chips into modules (PCIe cards, M.2, MXM, COM, or system-on-module formats) with thermal design, firmware, and SDKs; downstream, OEMs embed the modules into edge systems—industrial PCs, robots, cameras, gateways, and vehicles—while software vendors and system integrators complete the stack with models, middleware, and vertical applications for deployment at scale.

This report studies the global Edge AI Acceleration Modules production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Edge AI Acceleration Modules and provides market size (US\$ million) and Year-over-Year (YoY)

Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Edge AI Acceleration Modules that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Edge AI Acceleration Modules total production and demand, 2021-2032, (K Units)

Global Edge AI Acceleration Modules total production value, 2021-2032, (USD Million)

Global Edge AI Acceleration Modules production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Edge AI Acceleration Modules consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Edge AI Acceleration Modules domestic production, consumption, key domestic manufacturers and share

Global Edge AI Acceleration Modules production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Edge AI Acceleration Modules production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Edge AI Acceleration Modules production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Edge AI Acceleration Modules market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include NVIDIA, Huawei, Google, AMD, Intel, Hailo, Axelera AI, Kinara AI, EdgeCortex, Ambarella, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Edge AI Acceleration Modules market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the

forecast year.

Global Edge AI Acceleration Modules Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Edge AI Acceleration Modules Market, Segmentation by Type:

GPU-based Modules

NPU/TPU-based Modules

FPGA-based Modules

ASIC-based Modules

Global Edge AI Acceleration Modules Market, Segmentation by Power Envelope:

Ultra-low Power (40 W)

Global Edge AI Acceleration Modules Market, Segmentation by Application:

Automotive

Industrial

Commercial

Healthcare

Energy & Utilities

Telecom & Data Centers

Others

Companies Profiled:

NVIDIA

Huawei

Google

AMD

Intel

Hailo

Axelera AI

Kinara AI

EdgeCortix

Ambarella

Key Questions Answered:

Global Edge AI Acceleration Modules Supply, Demand and Key Producers, 2026-2032

1. How big is the global Edge AI Acceleration Modules market?
2. What is the demand of the global Edge AI Acceleration Modules market?
3. What is the year over year growth of the global Edge AI Acceleration Modules market?
4. What is the production and production value of the global Edge AI Acceleration Modules market?
5. Who are the key producers in the global Edge AI Acceleration Modules market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Edge AI Acceleration Modules Introduction
- 1.2 World Edge AI Acceleration Modules Supply & Forecast
 - 1.2.1 World Edge AI Acceleration Modules Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Edge AI Acceleration Modules Production (2021-2032)
 - 1.2.3 World Edge AI Acceleration Modules Pricing Trends (2021-2032)
- 1.3 World Edge AI Acceleration Modules Production by Region (Based on Production Site)
 - 1.3.1 World Edge AI Acceleration Modules Production Value by Region (2021-2032)
 - 1.3.2 World Edge AI Acceleration Modules Production by Region (2021-2032)
 - 1.3.3 World Edge AI Acceleration Modules Average Price by Region (2021-2032)
 - 1.3.4 North America Edge AI Acceleration Modules Production (2021-2032)
 - 1.3.5 Europe Edge AI Acceleration Modules Production (2021-2032)
 - 1.3.6 China Edge AI Acceleration Modules Production (2021-2032)
 - 1.3.7 Japan Edge AI Acceleration Modules Production (2021-2032)
 - 1.3.8 South Korea Edge AI Acceleration Modules Production (2021-2032)
 - 1.3.9 Southeast Asia Edge AI Acceleration Modules Production (2021-2032)
 - 1.3.10 China Taiwan Edge AI Acceleration Modules Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Edge AI Acceleration Modules Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Edge AI Acceleration Modules Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Edge AI Acceleration Modules Demand (2021-2032)
- 2.2 World Edge AI Acceleration Modules Consumption by Region
 - 2.2.1 World Edge AI Acceleration Modules Consumption by Region (2021-2026)
 - 2.2.2 World Edge AI Acceleration Modules Consumption Forecast by Region (2027-2032)
- 2.3 United States Edge AI Acceleration Modules Consumption (2021-2032)
- 2.4 China Edge AI Acceleration Modules Consumption (2021-2032)
- 2.5 Europe Edge AI Acceleration Modules Consumption (2021-2032)
- 2.6 Japan Edge AI Acceleration Modules Consumption (2021-2032)
- 2.7 South Korea Edge AI Acceleration Modules Consumption (2021-2032)
- 2.8 ASEAN Edge AI Acceleration Modules Consumption (2021-2032)

2.9 India Edge AI Acceleration Modules Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Edge AI Acceleration Modules Production Value by Manufacturer (2021-2026)

3.2 World Edge AI Acceleration Modules Production by Manufacturer (2021-2026)

3.3 World Edge AI Acceleration Modules Average Price by Manufacturer (2021-2026)

3.4 Edge AI Acceleration Modules Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Edge AI Acceleration Modules Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Edge AI Acceleration Modules in 2025

3.5.3 Global Concentration Ratios (CR8) for Edge AI Acceleration Modules in 2025

3.6 Edge AI Acceleration Modules Market: Overall Company Footprint Analysis

3.6.1 Edge AI Acceleration Modules Market: Region Footprint

3.6.2 Edge AI Acceleration Modules Market: Company Product Type Footprint

3.6.3 Edge AI Acceleration Modules Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Edge AI Acceleration Modules Production Value Comparison

4.1.1 United States VS China: Edge AI Acceleration Modules Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Edge AI Acceleration Modules Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Edge AI Acceleration Modules Production Comparison

4.2.1 United States VS China: Edge AI Acceleration Modules Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Edge AI Acceleration Modules Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Edge AI Acceleration Modules Consumption Comparison

4.3.1 United States VS China: Edge AI Acceleration Modules Consumption

Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Edge AI Acceleration Modules Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Edge AI Acceleration Modules Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Edge AI Acceleration Modules Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Edge AI Acceleration Modules Production Value (2021-2026)

4.4.3 United States Based Manufacturers Edge AI Acceleration Modules Production (2021-2026)

4.5 China Based Edge AI Acceleration Modules Manufacturers and Market Share

4.5.1 China Based Edge AI Acceleration Modules Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Edge AI Acceleration Modules Production Value (2021-2026)

4.5.3 China Based Manufacturers Edge AI Acceleration Modules Production (2021-2026)

4.6 Rest of World Based Edge AI Acceleration Modules Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Edge AI Acceleration Modules Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Edge AI Acceleration Modules Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Edge AI Acceleration Modules Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Edge AI Acceleration Modules Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 GPU-based Modules

5.2.2 NPU/TPU-based Modules

5.2.3 FPGA-based Modules

5.2.4 ASIC-based Modules

5.3 Market Segment by Type

5.3.1 World Edge AI Acceleration Modules Production by Type (2021-2032)

5.3.2 World Edge AI Acceleration Modules Production Value by Type (2021-2032)

5.3.3 World Edge AI Acceleration Modules Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY POWER ENVELOPE

6.1 World Edge AI Acceleration Modules Market Size Overview by Power Envelope: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Power Envelope

6.2.1 Ultra-low Power (40 W)

6.3 Market Segment by Power Envelope

6.3.1 World Edge AI Acceleration Modules Production by Power Envelope (2021-2032)

6.3.2 World Edge AI Acceleration Modules Production Value by Power Envelope (2021-2032)

6.3.3 World Edge AI Acceleration Modules Average Price by Power Envelope (2021-2032)

7 MARKET ANALYSIS BY APPLICATION

7.1 World Edge AI Acceleration Modules Market Size Overview by Application: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Application

7.2.1 Automotive

7.2.2 Industrial

7.2.3 Commercial

7.2.4 Healthcare

7.2.5 Energy & Utilities

7.2.6 Telecom & Data Centers

7.2.7 Others

7.3 Market Segment by Application

7.3.1 World Edge AI Acceleration Modules Production by Application (2021-2032)

7.3.2 World Edge AI Acceleration Modules Production Value by Application (2021-2032)

7.3.3 World Edge AI Acceleration Modules Average Price by Application (2021-2032)

8 COMPANY PROFILES

8.1 NVIDIA

8.1.1 NVIDIA Details

8.1.2 NVIDIA Major Business

- 8.1.3 NVIDIA Edge AI Acceleration Modules Product and Services
- 8.1.4 NVIDIA Edge AI Acceleration Modules Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 8.1.5 NVIDIA Recent Developments/Updates
- 8.1.6 NVIDIA Competitive Strengths & Weaknesses
- 8.2 Huawei
 - 8.2.1 Huawei Details
 - 8.2.2 Huawei Major Business
 - 8.2.3 Huawei Edge AI Acceleration Modules Product and Services
 - 8.2.4 Huawei Edge AI Acceleration Modules Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.2.5 Huawei Recent Developments/Updates
 - 8.2.6 Huawei Competitive Strengths & Weaknesses
- 8.3 Google
 - 8.3.1 Google Details
 - 8.3.2 Google Major Business
 - 8.3.3 Google Edge AI Acceleration Modules Product and Services
 - 8.3.4 Google Edge AI Acceleration Modules Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.3.5 Google Recent Developments/Updates
 - 8.3.6 Google Competitive Strengths & Weaknesses
- 8.4 AMD
 - 8.4.1 AMD Details
 - 8.4.2 AMD Major Business
 - 8.4.3 AMD Edge AI Acceleration Modules Product and Services
 - 8.4.4 AMD Edge AI Acceleration Modules Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.4.5 AMD Recent Developments/Updates
 - 8.4.6 AMD Competitive Strengths & Weaknesses
- 8.5 Intel
 - 8.5.1 Intel Details
 - 8.5.2 Intel Major Business
 - 8.5.3 Intel Edge AI Acceleration Modules Product and Services
 - 8.5.4 Intel Edge AI Acceleration Modules Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.5.5 Intel Recent Developments/Updates
 - 8.5.6 Intel Competitive Strengths & Weaknesses
- 8.6 Hailo
 - 8.6.1 Hailo Details

- 8.6.2 Hailo Major Business
- 8.6.3 Hailo Edge AI Acceleration Modules Product and Services
- 8.6.4 Hailo Edge AI Acceleration Modules Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 8.6.5 Hailo Recent Developments/Updates
- 8.6.6 Hailo Competitive Strengths & Weaknesses
- 8.7 Axelera AI
 - 8.7.1 Axelera AI Details
 - 8.7.2 Axelera AI Major Business
 - 8.7.3 Axelera AI Edge AI Acceleration Modules Product and Services
 - 8.7.4 Axelera AI Edge AI Acceleration Modules Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.7.5 Axelera AI Recent Developments/Updates
 - 8.7.6 Axelera AI Competitive Strengths & Weaknesses
- 8.8 Kinara AI
 - 8.8.1 Kinara AI Details
 - 8.8.2 Kinara AI Major Business
 - 8.8.3 Kinara AI Edge AI Acceleration Modules Product and Services
 - 8.8.4 Kinara AI Edge AI Acceleration Modules Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.8.5 Kinara AI Recent Developments/Updates
 - 8.8.6 Kinara AI Competitive Strengths & Weaknesses
- 8.9 EdgeCortix
 - 8.9.1 EdgeCortix Details
 - 8.9.2 EdgeCortix Major Business
 - 8.9.3 EdgeCortix Edge AI Acceleration Modules Product and Services
 - 8.9.4 EdgeCortix Edge AI Acceleration Modules Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.9.5 EdgeCortix Recent Developments/Updates
 - 8.9.6 EdgeCortix Competitive Strengths & Weaknesses
- 8.10 Ambarella
 - 8.10.1 Ambarella Details
 - 8.10.2 Ambarella Major Business
 - 8.10.3 Ambarella Edge AI Acceleration Modules Product and Services
 - 8.10.4 Ambarella Edge AI Acceleration Modules Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 8.10.5 Ambarella Recent Developments/Updates
 - 8.10.6 Ambarella Competitive Strengths & Weaknesses

9 INDUSTRY CHAIN ANALYSIS

- 9.1 Edge AI Acceleration Modules Industry Chain
- 9.2 Edge AI Acceleration Modules Upstream Analysis
 - 9.2.1 Edge AI Acceleration Modules Core Raw Materials
 - 9.2.2 Main Manufacturers of Edge AI Acceleration Modules Core Raw Materials
- 9.3 Midstream Analysis
- 9.4 Downstream Analysis
- 9.5 Edge AI Acceleration Modules Production Mode
- 9.6 Edge AI Acceleration Modules Procurement Model
- 9.7 Edge AI Acceleration Modules Industry Sales Model and Sales Channels
 - 9.7.1 Edge AI Acceleration Modules Sales Model
 - 9.7.2 Edge AI Acceleration Modules Typical Distributors

10 RESEARCH FINDINGS AND CONCLUSION

11 APPENDIX

- 11.1 Methodology
- 11.2 Research Process and Data Source
- 11.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World Edge AI Acceleration Modules Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World Edge AI Acceleration Modules Production Value by Region (2021-2026) & (USD Million)
- Table 3. World Edge AI Acceleration Modules Production Value by Region (2027-2032) & (USD Million)
- Table 4. World Edge AI Acceleration Modules Production Value Market Share by Region (2021-2026)
- Table 5. World Edge AI Acceleration Modules Production Value Market Share by Region (2027-2032)
- Table 6. World Edge AI Acceleration Modules Production by Region (2021-2026) & (K Units)
- Table 7. World Edge AI Acceleration Modules Production by Region (2027-2032) & (K Units)
- Table 8. World Edge AI Acceleration Modules Production Market Share by Region (2021-2026)
- Table 9. World Edge AI Acceleration Modules Production Market Share by Region (2027-2032)
- Table 10. World Edge AI Acceleration Modules Average Price by Region (2021-2026) & (US\$/Unit)
- Table 11. World Edge AI Acceleration Modules Average Price by Region (2027-2032) & (US\$/Unit)
- Table 12. Edge AI Acceleration Modules Major Market Trends
- Table 13. World Edge AI Acceleration Modules Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
- Table 14. World Edge AI Acceleration Modules Consumption by Region (2021-2026) & (K Units)
- Table 15. World Edge AI Acceleration Modules Consumption Forecast by Region (2027-2032) & (K Units)
- Table 16. World Edge AI Acceleration Modules Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key Edge AI Acceleration Modules Producers in 2025
- Table 18. World Edge AI Acceleration Modules Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Edge AI Acceleration Modules Producers in 2025

Table 20. World Edge AI Acceleration Modules Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Edge AI Acceleration Modules Company Evaluation Quadrant

Table 22. World Edge AI Acceleration Modules Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Edge AI Acceleration Modules Production Site of Key Manufacturer

Table 24. Edge AI Acceleration Modules Market: Company Product Type Footprint

Table 25. Edge AI Acceleration Modules Market: Company Product Application Footprint

Table 26. Edge AI Acceleration Modules Competitive Factors

Table 27. Edge AI Acceleration Modules New Entrant and Capacity Expansion Plans

Table 28. Edge AI Acceleration Modules Mergers & Acquisitions Activity

Table 29. United States VS China Edge AI Acceleration Modules Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Edge AI Acceleration Modules Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Edge AI Acceleration Modules Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Edge AI Acceleration Modules Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Edge AI Acceleration Modules Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Edge AI Acceleration Modules Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Edge AI Acceleration Modules Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Edge AI Acceleration Modules Production Market Share (2021-2026)

Table 37. China Based Edge AI Acceleration Modules Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Edge AI Acceleration Modules Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Edge AI Acceleration Modules Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Edge AI Acceleration Modules Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Edge AI Acceleration Modules Production Market Share (2021-2026)

Table 42. Rest of World Based Edge AI Acceleration Modules Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Edge AI Acceleration Modules Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Edge AI Acceleration Modules Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Edge AI Acceleration Modules Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Edge AI Acceleration Modules Production Market Share (2021-2026)

Table 47. World Edge AI Acceleration Modules Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Edge AI Acceleration Modules Production by Type (2021-2026) & (K Units)

Table 49. World Edge AI Acceleration Modules Production by Type (2027-2032) & (K Units)

Table 50. World Edge AI Acceleration Modules Production Value by Type (2021-2026) & (USD Million)

Table 51. World Edge AI Acceleration Modules Production Value by Type (2027-2032) & (USD Million)

Table 52. World Edge AI Acceleration Modules Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Edge AI Acceleration Modules Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Edge AI Acceleration Modules Production Value by Power Envelope, (USD Million), 2021 & 2025 & 2032

Table 55. World Edge AI Acceleration Modules Production by Power Envelope (2021-2026) & (K Units)

Table 56. World Edge AI Acceleration Modules Production by Power Envelope (2027-2032) & (K Units)

Table 57. World Edge AI Acceleration Modules Production Value by Power Envelope (2021-2026) & (USD Million)

Table 58. World Edge AI Acceleration Modules Production Value by Power Envelope (2027-2032) & (USD Million)

Table 59. World Edge AI Acceleration Modules Average Price by Power Envelope (2021-2026) & (US\$/Unit)

Table 60. World Edge AI Acceleration Modules Average Price by Power Envelope

(2027-2032) & (US\$/Unit)

Table 61. World Edge AI Acceleration Modules Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 62. World Edge AI Acceleration Modules Production by Application (2021-2026) & (K Units)

Table 63. World Edge AI Acceleration Modules Production by Application (2027-2032) & (K Units)

Table 64. World Edge AI Acceleration Modules Production Value by Application (2021-2026) & (USD Million)

Table 65. World Edge AI Acceleration Modules Production Value by Application (2027-2032) & (USD Million)

Table 66. World Edge AI Acceleration Modules Average Price by Application (2021-2026) & (US\$/Unit)

Table 67. World Edge AI Acceleration Modules Average Price by Application (2027-2032) & (US\$/Unit)

Table 68. NVIDIA Basic Information, Manufacturing Base and Competitors

Table 69. NVIDIA Major Business

Table 70. NVIDIA Edge AI Acceleration Modules Product and Services

Table 71. NVIDIA Edge AI Acceleration Modules Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 72. NVIDIA Recent Developments/Updates

Table 73. NVIDIA Competitive Strengths & Weaknesses

Table 74. Huawei Basic Information, Manufacturing Base and Competitors

Table 75. Huawei Major Business

Table 76. Huawei Edge AI Acceleration Modules Product and Services

Table 77. Huawei Edge AI Acceleration Modules Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 78. Huawei Recent Developments/Updates

Table 79. Huawei Competitive Strengths & Weaknesses

Table 80. Google Basic Information, Manufacturing Base and Competitors

Table 81. Google Major Business

Table 82. Google Edge AI Acceleration Modules Product and Services

Table 83. Google Edge AI Acceleration Modules Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 84. Google Recent Developments/Updates

Table 85. Google Competitive Strengths & Weaknesses

Table 86. AMD Basic Information, Manufacturing Base and Competitors

Table 87. AMD Major Business

Table 88. AMD Edge AI Acceleration Modules Product and Services

Table 89. AMD Edge AI Acceleration Modules Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 90. AMD Recent Developments/Updates

Table 91. AMD Competitive Strengths & Weaknesses

Table 92. Intel Basic Information, Manufacturing Base and Competitors

Table 93. Intel Major Business

Table 94. Intel Edge AI Acceleration Modules Product and Services

Table 95. Intel Edge AI Acceleration Modules Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 96. Intel Recent Developments/Updates

Table 97. Intel Competitive Strengths & Weaknesses

Table 98. Hailo Basic Information, Manufacturing Base and Competitors

Table 99. Hailo Major Business

Table 100. Hailo Edge AI Acceleration Modules Product and Services

Table 101. Hailo Edge AI Acceleration Modules Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 102. Hailo Recent Developments/Updates

Table 103. Hailo Competitive Strengths & Weaknesses

Table 104. Axelera AI Basic Information, Manufacturing Base and Competitors

Table 105. Axelera AI Major Business

Table 106. Axelera AI Edge AI Acceleration Modules Product and Services

Table 107. Axelera AI Edge AI Acceleration Modules Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 108. Axelera AI Recent Developments/Updates

Table 109. Axelera AI Competitive Strengths & Weaknesses

Table 110. Kinara AI Basic Information, Manufacturing Base and Competitors

Table 111. Kinara AI Major Business

Table 112. Kinara AI Edge AI Acceleration Modules Product and Services

Table 113. Kinara AI Edge AI Acceleration Modules Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 114. Kinara AI Recent Developments/Updates

Table 115. Kinara AI Competitive Strengths & Weaknesses

Table 116. EdgeCortex Basic Information, Manufacturing Base and Competitors

Table 117. EdgeCortex Major Business

Table 118. EdgeCortex Edge AI Acceleration Modules Product and Services

Table 119. EdgeCortex Edge AI Acceleration Modules Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 120. EdgeCortex Recent Developments/Updates

Table 121. EdgeCortex Competitive Strengths & Weaknesses

Table 122. Ambarella Basic Information, Manufacturing Base and Competitors

Table 123. Ambarella Major Business

Table 124. Ambarella Edge AI Acceleration Modules Product and Services

Table 125. Ambarella Edge AI Acceleration Modules Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 126. Ambarella Recent Developments/Updates

Table 127. Ambarella Competitive Strengths & Weaknesses

Table 128. Global Key Players of Edge AI Acceleration Modules Upstream (Raw Materials)

Table 129. Global Edge AI Acceleration Modules Typical Customers

Table 130. Edge AI Acceleration Modules Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Edge AI Acceleration Modules Picture

Figure 2. World Edge AI Acceleration Modules Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Edge AI Acceleration Modules Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Edge AI Acceleration Modules Production (2021-2032) & (K Units)

Figure 5. World Edge AI Acceleration Modules Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Edge AI Acceleration Modules Production Value Market Share by Region (2021-2032)

Figure 7. World Edge AI Acceleration Modules Production Market Share by Region (2021-2032)

Figure 8. North America Edge AI Acceleration Modules Production (2021-2032) & (K Units)

Figure 9. Europe Edge AI Acceleration Modules Production (2021-2032) & (K Units)

Figure 10. China Edge AI Acceleration Modules Production (2021-2032) & (K Units)

Figure 11. Japan Edge AI Acceleration Modules Production (2021-2032) & (K Units)

Figure 12. South Korea Edge AI Acceleration Modules Production (2021-2032) & (K Units)

Figure 13. Southeast Asia Edge AI Acceleration Modules Production (2021-2032) & (K Units)

Figure 14. China Taiwan Edge AI Acceleration Modules Production (2021-2032) & (K Units)

Figure 15. Edge AI Acceleration Modules Market Drivers

Figure 16. Factors Affecting Demand

Figure 17. World Edge AI Acceleration Modules Consumption (2021-2032) & (K Units)

Figure 18. World Edge AI Acceleration Modules Consumption Market Share by Region (2021-2032)

Figure 19. United States Edge AI Acceleration Modules Consumption (2021-2032) & (K Units)

Figure 20. China Edge AI Acceleration Modules Consumption (2021-2032) & (K Units)

Figure 21. Europe Edge AI Acceleration Modules Consumption (2021-2032) & (K Units)

Figure 22. Japan Edge AI Acceleration Modules Consumption (2021-2032) & (K Units)

Figure 23. South Korea Edge AI Acceleration Modules Consumption (2021-2032) & (K Units)

Figure 24. ASEAN Edge AI Acceleration Modules Consumption (2021-2032) & (K Units)

Figure 25. India Edge AI Acceleration Modules Consumption (2021-2032) & (K Units)

Figure 26. Producer Shipments of Edge AI Acceleration Modules by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 27. Global Four-firm Concentration Ratios (CR4) for Edge AI Acceleration Modules Markets in 2025

Figure 28. Global Four-firm Concentration Ratios (CR8) for Edge AI Acceleration Modules Markets in 2025

Figure 29. United States VS China: Edge AI Acceleration Modules Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: Edge AI Acceleration Modules Production Market Share Comparison (2021 & 2025 & 2032)

Figure 31. United States VS China: Edge AI Acceleration Modules Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 32. United States Based Manufacturers Edge AI Acceleration Modules Production Market Share 2025

Figure 33. China Based Manufacturers Edge AI Acceleration Modules Production Market Share 2025

Figure 34. Rest of World Based Manufacturers Edge AI Acceleration Modules Production Market Share 2025

Figure 35. World Edge AI Acceleration Modules Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 36. World Edge AI Acceleration Modules Production Value Market Share by Type in 2025

Figure 37. GPU-based Modules

Figure 38. NPU/TPU-based Modules

Figure 39. FPGA-based Modules

Figure 40. ASIC-based Modules

Figure 41. World Edge AI Acceleration Modules Production Market Share by Type (2021-2032)

Figure 42. World Edge AI Acceleration Modules Production Value Market Share by Type (2021-2032)

Figure 43. World Edge AI Acceleration Modules Average Price by Type (2021-2032) & (US\$/Unit)

Figure 44. World Edge AI Acceleration Modules Production Value by Power Envelope, (USD Million), 2021 & 2025 & 2032

Figure 45. World Edge AI Acceleration Modules Production Value Market Share by Power Envelope in 2025

Figure 46. Ultra-low Power (40 W)

Figure 50. World Edge AI Acceleration Modules Production Market Share by Power

Envelope (2021-2032)

Figure 51. World Edge AI Acceleration Modules Production Value Market Share by Power Envelope (2021-2032)

Figure 52. World Edge AI Acceleration Modules Average Price by Power Envelope (2021-2032) & (US\$/Unit)

Figure 53. World Edge AI Acceleration Modules Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 54. World Edge AI Acceleration Modules Production Value Market Share by Application in 2025

Figure 55. Automotive

Figure 56. Industrial

Figure 57. Commercial

Figure 58. Healthcare

Figure 59. Energy & Utilities

Figure 60. Telecom & Data Centers

Figure 61. Others

Figure 62. World Edge AI Acceleration Modules Production Market Share by Application (2021-2032)

Figure 63. World Edge AI Acceleration Modules Production Value Market Share by Application (2021-2032)

Figure 64. World Edge AI Acceleration Modules Average Price by Application (2021-2032) & (US\$/Unit)

Figure 65. Edge AI Acceleration Modules Industry Chain

Figure 66. Edge AI Acceleration Modules Procurement Model

Figure 67. Edge AI Acceleration Modules Sales Model

Figure 68. Edge AI Acceleration Modules Sales Channels, Direct Sales, and Distribution

Figure 69. Methodology

Figure 70. Research Process and Data Source

I would like to order

Product name: Global Edge AI Acceleration Modules Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GD4286C7C512EN.html>

Price: US\$ 4,480.00 (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/GD4286C7C512EN.html>