

Global AI Hardware Accelerators Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GF583C4D091CEN.html>

Date: June 2026

Pages: 120

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

ID: GF583C4D091CEN

Abstracts

According to our (Global Info Research) latest study, the global AI Hardware Accelerators market size was valued at US\$ 153663 million in 2025 and is forecast to a readjusted size of US\$ 589133 million by 2032 with a CAGR of 21.1% during review period.

In 2025, global AI Hardware Accelerator output reached about 250 million units and global capacity of around 360 million units. The average price is about USD 600 per unit, with gross margins near 56%. AI hardware accelerators are specialized computing chips or systems designed to efficiently execute artificial intelligence (AI) workloads?especially deep learning, neural networks, and data-parallel computations?by optimizing architectures for high throughput, low latency, and energy efficiency compared with general-purpose CPUs. These accelerators include GPUs, TPUs, NPUs, FPGAs, and custom ASICs, widely used in data centers, edge devices, autonomous systems, and consumer electronics. The supply chain begins upstream with semiconductor materials (silicon wafers, advanced substrates, photoresists, rare gases) and IP providers (EDA tools, chip architectures, AI model frameworks), followed by chip design firms (fabless companies and system integrators) that define architectures and tape-outs. Midstream involves semiconductor foundries (advanced nodes like 3nm/5nm), packaging and testing providers (including advanced packaging such as CoWoS, chiplets, and HBM integration), and memory suppliers (HBM, DDR, NAND). Downstream includes system integrators (servers, edge devices, automotive platforms), cloud service providers, and OEMs that deploy AI accelerators into applications such as hyperscale data centers, autonomous driving, robotics, and smart devices, with software ecosystems (CUDA, TensorRT, ONNX, etc.) forming a critical layer that tightly couples hardware performance with real-world AI deployment.

This report is a detailed and comprehensive analysis for global AI Hardware Accelerators 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 AI Hardware Accelerators market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global AI Hardware Accelerators market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global AI Hardware Accelerators market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global AI Hardware Accelerators market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for AI Hardware Accelerators

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 AI Hardware Accelerators 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, AMD, Intel, Apple, Google, AWS, Microsoft, Huawei, Qualcomm, Samsung, etc.

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

Market Segmentation

AI Hardware Accelerators market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Training Accelerators

Inference Accelerators

Hybrid Accelerators

Market segment by Processor Architecture

GPU

TPU

NPU

FPGA

ASIC

DSP

Market segment by Application

Data Centers

Industrial

Automotive

Healthcare

Aerospace & Defense

Consumer Electronics

Others

Major players covered

NVIDIA

AMD

Intel

Apple

Google

AWS

Microsoft

Huawei

Qualcomm

Samsung

MediaTek

Renesas

NXP Semiconductors

STMicroelectronics

Texas Instruments

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 AI Hardware Accelerators product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of AI Hardware Accelerators, with price, sales quantity, revenue, and global market share of AI Hardware Accelerators from 2021 to 2026.

Chapter 3, the AI Hardware Accelerators competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the AI Hardware Accelerators breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and AI Hardware Accelerators market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of AI Hardware Accelerators.

Chapter 14 and 15, to describe AI Hardware Accelerators 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 AI Hardware Accelerators Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Training Accelerators

1.3.3 Inference Accelerators

1.3.4 Hybrid Accelerators

1.4 Market Analysis by Processor Architecture

1.4.1 Overview: Global AI Hardware Accelerators Consumption Value by Processor Architecture: 2021 Versus 2025 Versus 2032

1.4.2 GPU

1.4.3 TPU

1.4.4 NPU

1.4.5 FPGA

1.4.6 ASIC

1.4.7 DSP

1.5 Market Analysis by Application

1.5.1 Overview: Global AI Hardware Accelerators Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.5.2 Data Centers

1.5.3 Industrial

1.5.4 Automotive

1.5.5 Healthcare

1.5.6 Aerospace & Defense

1.5.7 Consumer Electronics

1.5.8 Others

1.6 Global AI Hardware Accelerators Market Size & Forecast

1.6.1 Global AI Hardware Accelerators Consumption Value (2021 & 2025 & 2032)

1.6.2 Global AI Hardware Accelerators Sales Quantity (2021-2032)

1.6.3 Global AI Hardware Accelerators Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 NVIDIA

- 2.1.1 NVIDIA Details
- 2.1.2 NVIDIA Major Business
- 2.1.3 NVIDIA AI Hardware Accelerators Product and Services
- 2.1.4 NVIDIA AI Hardware Accelerators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.1.5 NVIDIA Recent Developments/Updates
- 2.2 AMD
 - 2.2.1 AMD Details
 - 2.2.2 AMD Major Business
 - 2.2.3 AMD AI Hardware Accelerators Product and Services
 - 2.2.4 AMD AI Hardware Accelerators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.2.5 AMD Recent Developments/Updates
- 2.3 Intel
 - 2.3.1 Intel Details
 - 2.3.2 Intel Major Business
 - 2.3.3 Intel AI Hardware Accelerators Product and Services
 - 2.3.4 Intel AI Hardware Accelerators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.3.5 Intel Recent Developments/Updates
- 2.4 Apple
 - 2.4.1 Apple Details
 - 2.4.2 Apple Major Business
 - 2.4.3 Apple AI Hardware Accelerators Product and Services
 - 2.4.4 Apple AI Hardware Accelerators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.4.5 Apple Recent Developments/Updates
- 2.5 Google
 - 2.5.1 Google Details
 - 2.5.2 Google Major Business
 - 2.5.3 Google AI Hardware Accelerators Product and Services
 - 2.5.4 Google AI Hardware Accelerators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.5.5 Google Recent Developments/Updates
- 2.6 AWS
 - 2.6.1 AWS Details
 - 2.6.2 AWS Major Business
 - 2.6.3 AWS AI Hardware Accelerators Product and Services
 - 2.6.4 AWS AI Hardware Accelerators Sales Quantity, Average Price, Revenue, Gross

Margin and Market Share (2021-2026)

2.6.5 AWS Recent Developments/Updates

2.7 Microsoft

2.7.1 Microsoft Details

2.7.2 Microsoft Major Business

2.7.3 Microsoft AI Hardware Accelerators Product and Services

2.7.4 Microsoft AI Hardware Accelerators Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2021-2026)

2.7.5 Microsoft Recent Developments/Updates

2.8 Huawei

2.8.1 Huawei Details

2.8.2 Huawei Major Business

2.8.3 Huawei AI Hardware Accelerators Product and Services

2.8.4 Huawei AI Hardware Accelerators Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2021-2026)

2.8.5 Huawei Recent Developments/Updates

2.9 Qualcomm

2.9.1 Qualcomm Details

2.9.2 Qualcomm Major Business

2.9.3 Qualcomm AI Hardware Accelerators Product and Services

2.9.4 Qualcomm AI Hardware Accelerators Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2021-2026)

2.9.5 Qualcomm Recent Developments/Updates

2.10 Samsung

2.10.1 Samsung Details

2.10.2 Samsung Major Business

2.10.3 Samsung AI Hardware Accelerators Product and Services

2.10.4 Samsung AI Hardware Accelerators Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2021-2026)

2.10.5 Samsung Recent Developments/Updates

2.11 MediaTek

2.11.1 MediaTek Details

2.11.2 MediaTek Major Business

2.11.3 MediaTek AI Hardware Accelerators Product and Services

2.11.4 MediaTek AI Hardware Accelerators Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2021-2026)

2.11.5 MediaTek Recent Developments/Updates

2.12 Renesas

2.12.1 Renesas Details

- 2.12.2 Renesas Major Business
- 2.12.3 Renesas AI Hardware Accelerators Product and Services
- 2.12.4 Renesas AI Hardware Accelerators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.12.5 Renesas Recent Developments/Updates
- 2.13 NXP Semiconductors
 - 2.13.1 NXP Semiconductors Details
 - 2.13.2 NXP Semiconductors Major Business
 - 2.13.3 NXP Semiconductors AI Hardware Accelerators Product and Services
 - 2.13.4 NXP Semiconductors AI Hardware Accelerators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.13.5 NXP Semiconductors Recent Developments/Updates
- 2.14 STMicroelectronics
 - 2.14.1 STMicroelectronics Details
 - 2.14.2 STMicroelectronics Major Business
 - 2.14.3 STMicroelectronics AI Hardware Accelerators Product and Services
 - 2.14.4 STMicroelectronics AI Hardware Accelerators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.14.5 STMicroelectronics Recent Developments/Updates
- 2.15 Texas Instruments
 - 2.15.1 Texas Instruments Details
 - 2.15.2 Texas Instruments Major Business
 - 2.15.3 Texas Instruments AI Hardware Accelerators Product and Services
 - 2.15.4 Texas Instruments AI Hardware Accelerators Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.15.5 Texas Instruments Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AI HARDWARE ACCELERATORS BY MANUFACTURER

- 3.1 Global AI Hardware Accelerators Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global AI Hardware Accelerators Revenue by Manufacturer (2021-2026)
- 3.3 Global AI Hardware Accelerators Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
 - 3.4.1 Producer Shipments of AI Hardware Accelerators by Manufacturer Revenue (\$MM) and Market Share (%): 2025
 - 3.4.2 Top 3 AI Hardware Accelerators Manufacturer Market Share in 2025
 - 3.4.3 Top 6 AI Hardware Accelerators Manufacturer Market Share in 2025
- 3.5 AI Hardware Accelerators Market: Overall Company Footprint Analysis

- 3.5.1 AI Hardware Accelerators Market: Region Footprint
- 3.5.2 AI Hardware Accelerators Market: Company Product Type Footprint
- 3.5.3 AI Hardware Accelerators 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 AI Hardware Accelerators Market Size by Region
 - 4.1.1 Global AI Hardware Accelerators Sales Quantity by Region (2021-2032)
 - 4.1.2 Global AI Hardware Accelerators Consumption Value by Region (2021-2032)
 - 4.1.3 Global AI Hardware Accelerators Average Price by Region (2021-2032)
- 4.2 North America AI Hardware Accelerators Consumption Value (2021-2032)
- 4.3 Europe AI Hardware Accelerators Consumption Value (2021-2032)
- 4.4 Asia-Pacific AI Hardware Accelerators Consumption Value (2021-2032)
- 4.5 South America AI Hardware Accelerators Consumption Value (2021-2032)
- 4.6 Middle East & Africa AI Hardware Accelerators Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

- 5.1 Global AI Hardware Accelerators Sales Quantity by Type (2021-2032)
- 5.2 Global AI Hardware Accelerators Consumption Value by Type (2021-2032)
- 5.3 Global AI Hardware Accelerators Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global AI Hardware Accelerators Sales Quantity by Application (2021-2032)
- 6.2 Global AI Hardware Accelerators Consumption Value by Application (2021-2032)
- 6.3 Global AI Hardware Accelerators Average Price by Application (2021-2032)

7 NORTH AMERICA

- 7.1 North America AI Hardware Accelerators Sales Quantity by Type (2021-2032)
- 7.2 North America AI Hardware Accelerators Sales Quantity by Application (2021-2032)
- 7.3 North America AI Hardware Accelerators Market Size by Country
 - 7.3.1 North America AI Hardware Accelerators Sales Quantity by Country (2021-2032)
 - 7.3.2 North America AI Hardware Accelerators Consumption Value by Country (2021-2032)
 - 7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

8.1 Europe AI Hardware Accelerators Sales Quantity by Type (2021-2032)

8.2 Europe AI Hardware Accelerators Sales Quantity by Application (2021-2032)

8.3 Europe AI Hardware Accelerators Market Size by Country

8.3.1 Europe AI Hardware Accelerators Sales Quantity by Country (2021-2032)

8.3.2 Europe AI Hardware Accelerators Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

9.1 Asia-Pacific AI Hardware Accelerators Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific AI Hardware Accelerators Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific AI Hardware Accelerators Market Size by Region

9.3.1 Asia-Pacific AI Hardware Accelerators Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific AI Hardware Accelerators Consumption Value by Region
(2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

10.1 South America AI Hardware Accelerators Sales Quantity by Type (2021-2032)

10.2 South America AI Hardware Accelerators Sales Quantity by Application
(2021-2032)

10.3 South America AI Hardware Accelerators Market Size by Country

10.3.1 South America AI Hardware Accelerators Sales Quantity by Country
(2021-2032)

10.3.2 South America AI Hardware Accelerators Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa AI Hardware Accelerators Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa AI Hardware Accelerators Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa AI Hardware Accelerators Market Size by Country

11.3.1 Middle East & Africa AI Hardware Accelerators Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa AI Hardware Accelerators Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 AI Hardware Accelerators Market Drivers

12.2 AI Hardware Accelerators Market Restraints

12.3 AI Hardware Accelerators 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 AI Hardware Accelerators and Key Manufacturers

13.2 Manufacturing Costs Percentage of AI Hardware Accelerators

13.3 AI Hardware Accelerators 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 AI Hardware Accelerators Typical Distributors

14.3 AI Hardware Accelerators 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 AI Hardware Accelerators Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global AI Hardware Accelerators Consumption Value by Processor Architecture, (USD Million), 2021 & 2025 & 2032

Table 3. Global AI Hardware Accelerators Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 4. NVIDIA Basic Information, Manufacturing Base and Competitors

Table 5. NVIDIA Major Business

Table 6. NVIDIA AI Hardware Accelerators Product and Services

Table 7. NVIDIA AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 8. NVIDIA Recent Developments/Updates

Table 9. AMD Basic Information, Manufacturing Base and Competitors

Table 10. AMD Major Business

Table 11. AMD AI Hardware Accelerators Product and Services

Table 12. AMD AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 13. AMD Recent Developments/Updates

Table 14. Intel Basic Information, Manufacturing Base and Competitors

Table 15. Intel Major Business

Table 16. Intel AI Hardware Accelerators Product and Services

Table 17. Intel AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 18. Intel Recent Developments/Updates

Table 19. Apple Basic Information, Manufacturing Base and Competitors

Table 20. Apple Major Business

Table 21. Apple AI Hardware Accelerators Product and Services

Table 22. Apple AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 23. Apple Recent Developments/Updates

Table 24. Google Basic Information, Manufacturing Base and Competitors

Table 25. Google Major Business

Table 26. Google AI Hardware Accelerators Product and Services

Table 27. Google AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 28. Google Recent Developments/Updates

Table 29. AWS Basic Information, Manufacturing Base and Competitors

Table 30. AWS Major Business

Table 31. AWS AI Hardware Accelerators Product and Services

Table 32. AWS AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 33. AWS Recent Developments/Updates

Table 34. Microsoft Basic Information, Manufacturing Base and Competitors

Table 35. Microsoft Major Business

Table 36. Microsoft AI Hardware Accelerators Product and Services

Table 37. Microsoft AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 38. Microsoft Recent Developments/Updates

Table 39. Huawei Basic Information, Manufacturing Base and Competitors

Table 40. Huawei Major Business

Table 41. Huawei AI Hardware Accelerators Product and Services

Table 42. Huawei AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 43. Huawei Recent Developments/Updates

Table 44. Qualcomm Basic Information, Manufacturing Base and Competitors

Table 45. Qualcomm Major Business

Table 46. Qualcomm AI Hardware Accelerators Product and Services

Table 47. Qualcomm AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 48. Qualcomm Recent Developments/Updates

Table 49. Samsung Basic Information, Manufacturing Base and Competitors

Table 50. Samsung Major Business

Table 51. Samsung AI Hardware Accelerators Product and Services

Table 52. Samsung AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 53. Samsung Recent Developments/Updates

Table 54. MediaTek Basic Information, Manufacturing Base and Competitors

Table 55. MediaTek Major Business

Table 56. MediaTek AI Hardware Accelerators Product and Services

Table 57. MediaTek AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 58. MediaTek Recent Developments/Updates

Table 59. Renesas Basic Information, Manufacturing Base and Competitors

Table 60. Renesas Major Business

Table 61. Renesas AI Hardware Accelerators Product and Services
Table 62. Renesas AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 63. Renesas Recent Developments/Updates
Table 64. NXP Semiconductors Basic Information, Manufacturing Base and Competitors
Table 65. NXP Semiconductors Major Business
Table 66. NXP Semiconductors AI Hardware Accelerators Product and Services
Table 67. NXP Semiconductors AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 68. NXP Semiconductors Recent Developments/Updates
Table 69. STMicroelectronics Basic Information, Manufacturing Base and Competitors
Table 70. STMicroelectronics Major Business
Table 71. STMicroelectronics AI Hardware Accelerators Product and Services
Table 72. STMicroelectronics AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 73. STMicroelectronics Recent Developments/Updates
Table 74. Texas Instruments Basic Information, Manufacturing Base and Competitors
Table 75. Texas Instruments Major Business
Table 76. Texas Instruments AI Hardware Accelerators Product and Services
Table 77. Texas Instruments AI Hardware Accelerators Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 78. Texas Instruments Recent Developments/Updates
Table 79. Global AI Hardware Accelerators Sales Quantity by Manufacturer (2021-2026) & (K Units)
Table 80. Global AI Hardware Accelerators Revenue by Manufacturer (2021-2026) & (USD Million)
Table 81. Global AI Hardware Accelerators Average Price by Manufacturer (2021-2026) & (US\$/Unit)
Table 82. Market Position of Manufacturers in AI Hardware Accelerators, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
Table 83. Head Office and AI Hardware Accelerators Production Site of Key Manufacturer
Table 84. AI Hardware Accelerators Market: Company Product Type Footprint
Table 85. AI Hardware Accelerators Market: Company Product Application Footprint
Table 86. AI Hardware Accelerators New Market Entrants and Barriers to Market Entry

Table 87. AI Hardware Accelerators Mergers, Acquisition, Agreements, and Collaborations

Table 88. Global AI Hardware Accelerators Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 89. Global AI Hardware Accelerators Sales Quantity by Region (2021-2026) & (K Units)

Table 90. Global AI Hardware Accelerators Sales Quantity by Region (2027-2032) & (K Units)

Table 91. Global AI Hardware Accelerators Consumption Value by Region (2021-2026) & (USD Million)

Table 92. Global AI Hardware Accelerators Consumption Value by Region (2027-2032) & (USD Million)

Table 93. Global AI Hardware Accelerators Average Price by Region (2021-2026) & (US\$/Unit)

Table 94. Global AI Hardware Accelerators Average Price by Region (2027-2032) & (US\$/Unit)

Table 95. Global AI Hardware Accelerators Sales Quantity by Type (2021-2026) & (K Units)

Table 96. Global AI Hardware Accelerators Sales Quantity by Type (2027-2032) & (K Units)

Table 97. Global AI Hardware Accelerators Consumption Value by Type (2021-2026) & (USD Million)

Table 98. Global AI Hardware Accelerators Consumption Value by Type (2027-2032) & (USD Million)

Table 99. Global AI Hardware Accelerators Average Price by Type (2021-2026) & (US\$/Unit)

Table 100. Global AI Hardware Accelerators Average Price by Type (2027-2032) & (US\$/Unit)

Table 101. Global AI Hardware Accelerators Sales Quantity by Application (2021-2026) & (K Units)

Table 102. Global AI Hardware Accelerators Sales Quantity by Application (2027-2032) & (K Units)

Table 103. Global AI Hardware Accelerators Consumption Value by Application (2021-2026) & (USD Million)

Table 104. Global AI Hardware Accelerators Consumption Value by Application (2027-2032) & (USD Million)

Table 105. Global AI Hardware Accelerators Average Price by Application (2021-2026) & (US\$/Unit)

Table 106. Global AI Hardware Accelerators Average Price by Application (2027-2032)

& (US\$/Unit)

Table 107. North America AI Hardware Accelerators Sales Quantity by Type (2021-2026) & (K Units)

Table 108. North America AI Hardware Accelerators Sales Quantity by Type (2027-2032) & (K Units)

Table 109. North America AI Hardware Accelerators Sales Quantity by Application (2021-2026) & (K Units)

Table 110. North America AI Hardware Accelerators Sales Quantity by Application (2027-2032) & (K Units)

Table 111. North America AI Hardware Accelerators Sales Quantity by Country (2021-2026) & (K Units)

Table 112. North America AI Hardware Accelerators Sales Quantity by Country (2027-2032) & (K Units)

Table 113. North America AI Hardware Accelerators Consumption Value by Country (2021-2026) & (USD Million)

Table 114. North America AI Hardware Accelerators Consumption Value by Country (2027-2032) & (USD Million)

Table 115. Europe AI Hardware Accelerators Sales Quantity by Type (2021-2026) & (K Units)

Table 116. Europe AI Hardware Accelerators Sales Quantity by Type (2027-2032) & (K Units)

Table 117. Europe AI Hardware Accelerators Sales Quantity by Application (2021-2026) & (K Units)

Table 118. Europe AI Hardware Accelerators Sales Quantity by Application (2027-2032) & (K Units)

Table 119. Europe AI Hardware Accelerators Sales Quantity by Country (2021-2026) & (K Units)

Table 120. Europe AI Hardware Accelerators Sales Quantity by Country (2027-2032) & (K Units)

Table 121. Europe AI Hardware Accelerators Consumption Value by Country (2021-2026) & (USD Million)

Table 122. Europe AI Hardware Accelerators Consumption Value by Country (2027-2032) & (USD Million)

Table 123. Asia-Pacific AI Hardware Accelerators Sales Quantity by Type (2021-2026) & (K Units)

Table 124. Asia-Pacific AI Hardware Accelerators Sales Quantity by Type (2027-2032) & (K Units)

Table 125. Asia-Pacific AI Hardware Accelerators Sales Quantity by Application (2021-2026) & (K Units)

Table 126. Asia-Pacific AI Hardware Accelerators Sales Quantity by Application (2027-2032) & (K Units)

Table 127. Asia-Pacific AI Hardware Accelerators Sales Quantity by Region (2021-2026) & (K Units)

Table 128. Asia-Pacific AI Hardware Accelerators Sales Quantity by Region (2027-2032) & (K Units)

Table 129. Asia-Pacific AI Hardware Accelerators Consumption Value by Region (2021-2026) & (USD Million)

Table 130. Asia-Pacific AI Hardware Accelerators Consumption Value by Region (2027-2032) & (USD Million)

Table 131. South America AI Hardware Accelerators Sales Quantity by Type (2021-2026) & (K Units)

Table 132. South America AI Hardware Accelerators Sales Quantity by Type (2027-2032) & (K Units)

Table 133. South America AI Hardware Accelerators Sales Quantity by Application (2021-2026) & (K Units)

Table 134. South America AI Hardware Accelerators Sales Quantity by Application (2027-2032) & (K Units)

Table 135. South America AI Hardware Accelerators Sales Quantity by Country (2021-2026) & (K Units)

Table 136. South America AI Hardware Accelerators Sales Quantity by Country (2027-2032) & (K Units)

Table 137. South America AI Hardware Accelerators Consumption Value by Country (2021-2026) & (USD Million)

Table 138. South America AI Hardware Accelerators Consumption Value by Country (2027-2032) & (USD Million)

Table 139. Middle East & Africa AI Hardware Accelerators Sales Quantity by Type (2021-2026) & (K Units)

Table 140. Middle East & Africa AI Hardware Accelerators Sales Quantity by Type (2027-2032) & (K Units)

Table 141. Middle East & Africa AI Hardware Accelerators Sales Quantity by Application (2021-2026) & (K Units)

Table 142. Middle East & Africa AI Hardware Accelerators Sales Quantity by Application (2027-2032) & (K Units)

Table 143. Middle East & Africa AI Hardware Accelerators Sales Quantity by Country (2021-2026) & (K Units)

Table 144. Middle East & Africa AI Hardware Accelerators Sales Quantity by Country (2027-2032) & (K Units)

Table 145. Middle East & Africa AI Hardware Accelerators Consumption Value by

Country (2021-2026) & (USD Million)

Table 146. Middle East & Africa AI Hardware Accelerators Consumption Value by

Country (2027-2032) & (USD Million)

Table 147. AI Hardware Accelerators Raw Material

Table 148. Key Manufacturers of AI Hardware Accelerators Raw Materials

Table 149. AI Hardware Accelerators Typical Distributors

Table 150. AI Hardware Accelerators Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. AI Hardware Accelerators Picture

Figure 2. Global AI Hardware Accelerators Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global AI Hardware Accelerators Revenue Market Share by Type in 2025

Figure 4. Training Accelerators Examples

Figure 5. Inference Accelerators Examples

Figure 6. Hybrid Accelerators Examples

Figure 7. Global AI Hardware Accelerators Revenue by Processor Architecture, (USD Million), 2021 & 2025 & 2032

Figure 8. Global AI Hardware Accelerators Revenue Market Share by Processor Architecture in 2025

Figure 9. GPU Examples

Figure 10. TPU Examples

Figure 11. NPU Examples

Figure 12. FPGA Examples

Figure 13. ASIC Examples

Figure 14. DSP Examples

Figure 15. Global AI Hardware Accelerators Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 16. Global AI Hardware Accelerators Revenue Market Share by Application in 2025

Figure 17. Data Centers Examples

Figure 18. Industrial Examples

Figure 19. Automotive Examples

Figure 20. Healthcare Examples

Figure 21. Aerospace & Defense Examples

Figure 22. Consumer Electronics Examples

Figure 23. Others Examples

Figure 24. Global AI Hardware Accelerators Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 25. Global AI Hardware Accelerators Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 26. Global AI Hardware Accelerators Sales Quantity (2021-2032) & (K Units)

Figure 27. Global AI Hardware Accelerators Price (2021-2032) & (US\$/Unit)

Figure 28. Global AI Hardware Accelerators Sales Quantity Market Share by

Manufacturer in 2025

Figure 29. Global AI Hardware Accelerators Revenue Market Share by Manufacturer in 2025

Figure 30. Producer Shipments of AI Hardware Accelerators by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 31. Top 3 AI Hardware Accelerators Manufacturer (Revenue) Market Share in 2025

Figure 32. Top 6 AI Hardware Accelerators Manufacturer (Revenue) Market Share in 2025

Figure 33. Global AI Hardware Accelerators Sales Quantity Market Share by Region (2021-2032)

Figure 34. Global AI Hardware Accelerators Consumption Value Market Share by Region (2021-2032)

Figure 35. North America AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 36. Europe AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 37. Asia-Pacific AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 38. South America AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 39. Middle East & Africa AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 40. Global AI Hardware Accelerators Sales Quantity Market Share by Type (2021-2032)

Figure 41. Global AI Hardware Accelerators Consumption Value Market Share by Type (2021-2032)

Figure 42. Global AI Hardware Accelerators Average Price by Type (2021-2032) & (US\$/Unit)

Figure 43. Global AI Hardware Accelerators Sales Quantity Market Share by Application (2021-2032)

Figure 44. Global AI Hardware Accelerators Revenue Market Share by Application (2021-2032)

Figure 45. Global AI Hardware Accelerators Average Price by Application (2021-2032) & (US\$/Unit)

Figure 46. North America AI Hardware Accelerators Sales Quantity Market Share by Type (2021-2032)

Figure 47. North America AI Hardware Accelerators Sales Quantity Market Share by Application (2021-2032)

Figure 48. North America AI Hardware Accelerators Sales Quantity Market Share by Country (2021-2032)

Figure 49. North America AI Hardware Accelerators Consumption Value Market Share by Country (2021-2032)

Figure 50. United States AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 51. Canada AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 52. Mexico AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 53. Europe AI Hardware Accelerators Sales Quantity Market Share by Type (2021-2032)

Figure 54. Europe AI Hardware Accelerators Sales Quantity Market Share by Application (2021-2032)

Figure 55. Europe AI Hardware Accelerators Sales Quantity Market Share by Country (2021-2032)

Figure 56. Europe AI Hardware Accelerators Consumption Value Market Share by Country (2021-2032)

Figure 57. Germany AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 58. France AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 59. United Kingdom AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 60. Russia AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 61. Italy AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 62. Asia-Pacific AI Hardware Accelerators Sales Quantity Market Share by Type (2021-2032)

Figure 63. Asia-Pacific AI Hardware Accelerators Sales Quantity Market Share by Application (2021-2032)

Figure 64. Asia-Pacific AI Hardware Accelerators Sales Quantity Market Share by Region (2021-2032)

Figure 65. Asia-Pacific AI Hardware Accelerators Consumption Value Market Share by Region (2021-2032)

Figure 66. China AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 67. Japan AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Million)

Figure 68. South Korea AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 69. India AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 70. Southeast Asia AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 71. Australia AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 72. South America AI Hardware Accelerators Sales Quantity Market Share by Type (2021-2032)

Figure 73. South America AI Hardware Accelerators Sales Quantity Market Share by Application (2021-2032)

Figure 74. South America AI Hardware Accelerators Sales Quantity Market Share by Country (2021-2032)

Figure 75. South America AI Hardware Accelerators Consumption Value Market Share by Country (2021-2032)

Figure 76. Brazil AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 77. Argentina AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 78. Middle East & Africa AI Hardware Accelerators Sales Quantity Market Share by Type (2021-2032)

Figure 79. Middle East & Africa AI Hardware Accelerators Sales Quantity Market Share by Application (2021-2032)

Figure 80. Middle East & Africa AI Hardware Accelerators Sales Quantity Market Share by Country (2021-2032)

Figure 81. Middle East & Africa AI Hardware Accelerators Consumption Value Market Share by Country (2021-2032)

Figure 82. Turkey AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 83. Egypt AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 84. Saudi Arabia AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 85. South Africa AI Hardware Accelerators Consumption Value (2021-2032) & (USD Million)

Figure 86. AI Hardware Accelerators Market Drivers

Figure 87. AI Hardware Accelerators Market Restraints

Figure 88. AI Hardware Accelerators Market Trends

Figure 89. Porters Five Forces Analysis

Figure 90. Manufacturing Cost Structure Analysis of AI Hardware Accelerators in 2025

Figure 91. Manufacturing Process Analysis of AI Hardware Accelerators

Figure 92. AI Hardware Accelerators Industrial Chain

Figure 93. Sales Channel: Direct to End-User vs Distributors

Figure 94. Direct Channel Pros & Cons

Figure 95. Indirect Channel Pros & Cons

Figure 96. Methodology

Figure 97. Research Process and Data Source

I would like to order

Product name: Global AI Hardware Accelerators Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GF583C4D091CEN.html>

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

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GF583C4D091CEN.html>