

Global Edge AI Acceleration Card Market Research Report 2025(Status and Outlook)

<https://marketpublishers.com/r/E8CD099B1BCFEN.html>

Date: June 2025

Pages: 164

Price: US\$ 3,200.00 (Single User License)

ID: E8CD099B1BCFEN

Abstracts

Report Overview

The Edge AI Acceleration Card is a specialized hardware component designed to enhance the performance of artificial intelligence (AI) applications at the edge of the network, where data is generated and processed. This card is engineered to deliver high-speed processing capabilities for AI workloads, such as machine learning, deep learning, and neural network computations, directly on edge devices. It is typically integrated into systems where low latency and real-time data processing are critical, such as in industrial automation, smart cities, surveillance, and IoT applications. The card's architecture is optimized for energy efficiency and can handle complex AI algorithms, enabling faster decision-making and reduced reliance on cloud-based processing. By accelerating AI computations at the edge, the Edge AI Acceleration Card helps to minimize data transmission delays, enhance system responsiveness, and improve overall operational efficiency.

In 2024, the global Edge AI Acceleration Card market is projected to reach approximately USD xx Million, with expectations to grow at a compound annual growth rate (CAGR) of around xx between 2024 and 2033.

This report provides a deep insight into the global Edge AI Acceleration Card market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business

organization. The report structure also focuses on the competitive landscape of the Global Edge AI Acceleration Card Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Edge AI Acceleration Card market in any manner.

Global Edge AI Acceleration Card Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

NVIDIA

AMD

Intel

Huawei

Qualcomm

IBM

Hailo

Denglin Technology

HYGON

Shanghai Iluvatar CoreX Semiconductor Co.

Ltd.

Shanghai Suiyuan Technology Co.

Ltd.

Kunlunxin

Cambricon Technologies Co.

Ltd.

Vastai Technologies

Advantech Co.

Ltd.

Market Segmentation (by Type)

GPU
FPGA
ASIC

Market Segmentation (by Application)

Cloud Deployment
Terminal Deployment

Geographic Segmentation

North America (USA, Canada, Mexico)
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)
South America (Brazil, Argentina, Columbia, Rest of South America)
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance
Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered
Historical, current, and projected market size, in terms of value
In-depth analysis of the Edge AI Acceleration Card Market
Overview of the regional outlook of the Edge AI Acceleration Card Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the

Edge AI Acceleration Card Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Edge AI Acceleration Card, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Edge AI Acceleration Card
- 1.2 Key Market Segments
 - 1.2.1 Edge AI Acceleration Card Segment by Type
 - 1.2.2 Edge AI Acceleration Card Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 EDGE AI ACCELERATION CARD MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Edge AI Acceleration Card Market Size (M USD) Estimates and Forecasts (2020-2033)
 - 2.1.2 Global Edge AI Acceleration Card Sales Estimates and Forecasts (2020-2033)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 EDGE AI ACCELERATION CARD MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global Edge AI Acceleration Card Product Life Cycle
- 3.3 Global Edge AI Acceleration Card Sales by Manufacturers (2020-2025)
- 3.4 Global Edge AI Acceleration Card Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Edge AI Acceleration Card Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Edge AI Acceleration Card Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Edge AI Acceleration Card Market Competitive Situation and Trends
 - 3.8.1 Edge AI Acceleration Card Market Concentration Rate
 - 3.8.2 Global 5 and 10 Largest Edge AI Acceleration Card Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 EDGE AI ACCELERATION CARD INDUSTRY CHAIN ANALYSIS

4.1 Edge AI Acceleration Card Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF EDGE AI ACCELERATION CARD MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Edge AI Acceleration Card Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to Edge AI Acceleration Card Market

5.7 ESG Ratings of Leading Companies

6 EDGE AI ACCELERATION CARD MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Edge AI Acceleration Card Sales Market Share by Type (2020-2025)

6.3 Global Edge AI Acceleration Card Market Size Market Share by Type (2020-2025)

6.4 Global Edge AI Acceleration Card Price by Type (2020-2025)

7 EDGE AI ACCELERATION CARD MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Edge AI Acceleration Card Market Sales by Application (2020-2025)
- 7.3 Global Edge AI Acceleration Card Market Size (M USD) by Application (2020-2025)
- 7.4 Global Edge AI Acceleration Card Sales Growth Rate by Application (2020-2025)

8 EDGE AI ACCELERATION CARD MARKET SALES BY REGION

- 8.1 Global Edge AI Acceleration Card Sales by Region
 - 8.1.1 Global Edge AI Acceleration Card Sales by Region
 - 8.1.2 Global Edge AI Acceleration Card Sales Market Share by Region
- 8.2 Global Edge AI Acceleration Card Market Size by Region
 - 8.2.1 Global Edge AI Acceleration Card Market Size by Region
 - 8.2.2 Global Edge AI Acceleration Card Market Size Market Share by Region
- 8.3 North America
 - 8.3.1 North America Edge AI Acceleration Card Sales by Country
 - 8.3.2 North America Edge AI Acceleration Card Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe Edge AI Acceleration Card Sales by Country
 - 8.4.2 Europe Edge AI Acceleration Card Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview
 - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific Edge AI Acceleration Card Sales by Region
 - 8.5.2 Asia Pacific Edge AI Acceleration Card Market Size by Region
 - 8.5.3 China Market Overview
 - 8.5.4 Japan Market Overview
 - 8.5.5 South Korea Market Overview
 - 8.5.6 India Market Overview
 - 8.5.7 Southeast Asia Market Overview
- 8.6 South America
 - 8.6.1 South America Edge AI Acceleration Card Sales by Country
 - 8.6.2 South America Edge AI Acceleration Card Market Size by Country

- 8.6.3 Brazil Market Overview
- 8.6.4 Argentina Market Overview
- 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
 - 8.7.1 Middle East and Africa Edge AI Acceleration Card Sales by Region
 - 8.7.2 Middle East and Africa Edge AI Acceleration Card Market Size by Region
 - 8.7.3 Saudi Arabia Market Overview
 - 8.7.4 UAE Market Overview
 - 8.7.5 Egypt Market Overview
 - 8.7.6 Nigeria Market Overview
 - 8.7.7 South Africa Market Overview

9 EDGE AI ACCELERATION CARD MARKET PRODUCTION BY REGION

- 9.1 Global Production of Edge AI Acceleration Card by Region(2020-2025)
- 9.2 Global Edge AI Acceleration Card Revenue Market Share by Region (2020-2025)
- 9.3 Global Edge AI Acceleration Card Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Edge AI Acceleration Card Production
 - 9.4.1 North America Edge AI Acceleration Card Production Growth Rate (2020-2025)
 - 9.4.2 North America Edge AI Acceleration Card Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Edge AI Acceleration Card Production
 - 9.5.1 Europe Edge AI Acceleration Card Production Growth Rate (2020-2025)
 - 9.5.2 Europe Edge AI Acceleration Card Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Edge AI Acceleration Card Production (2020-2025)
 - 9.6.1 Japan Edge AI Acceleration Card Production Growth Rate (2020-2025)
 - 9.6.2 Japan Edge AI Acceleration Card Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Edge AI Acceleration Card Production (2020-2025)
 - 9.7.1 China Edge AI Acceleration Card Production Growth Rate (2020-2025)
 - 9.7.2 China Edge AI Acceleration Card Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

- 10.1 NVIDIA
 - 10.1.1 NVIDIA Basic Information

- 10.1.2 NVIDIA Edge AI Acceleration Card Product Overview
- 10.1.3 NVIDIA Edge AI Acceleration Card Product Market Performance
- 10.1.4 NVIDIA Business Overview
- 10.1.5 NVIDIA SWOT Analysis
- 10.1.6 NVIDIA Recent Developments
- 10.2 AMD
 - 10.2.1 AMD Basic Information
 - 10.2.2 AMD Edge AI Acceleration Card Product Overview
 - 10.2.3 AMD Edge AI Acceleration Card Product Market Performance
 - 10.2.4 AMD Business Overview
 - 10.2.5 AMD SWOT Analysis
 - 10.2.6 AMD Recent Developments
- 10.3 Intel
 - 10.3.1 Intel Basic Information
 - 10.3.2 Intel Edge AI Acceleration Card Product Overview
 - 10.3.3 Intel Edge AI Acceleration Card Product Market Performance
 - 10.3.4 Intel Business Overview
 - 10.3.5 Intel SWOT Analysis
 - 10.3.6 Intel Recent Developments
- 10.4 Huawei
 - 10.4.1 Huawei Basic Information
 - 10.4.2 Huawei Edge AI Acceleration Card Product Overview
 - 10.4.3 Huawei Edge AI Acceleration Card Product Market Performance
 - 10.4.4 Huawei Business Overview
 - 10.4.5 Huawei Recent Developments
- 10.5 Qualcomm
 - 10.5.1 Qualcomm Basic Information
 - 10.5.2 Qualcomm Edge AI Acceleration Card Product Overview
 - 10.5.3 Qualcomm Edge AI Acceleration Card Product Market Performance
 - 10.5.4 Qualcomm Business Overview
 - 10.5.5 Qualcomm Recent Developments
- 10.6 IBM
 - 10.6.1 IBM Basic Information
 - 10.6.2 IBM Edge AI Acceleration Card Product Overview
 - 10.6.3 IBM Edge AI Acceleration Card Product Market Performance
 - 10.6.4 IBM Business Overview
 - 10.6.5 IBM Recent Developments
- 10.7 Hailo
 - 10.7.1 Hailo Basic Information

- 10.7.2 Hailo Edge AI Acceleration Card Product Overview
- 10.7.3 Hailo Edge AI Acceleration Card Product Market Performance
- 10.7.4 Hailo Business Overview
- 10.7.5 Hailo Recent Developments
- 10.8 Denglin Technology
 - 10.8.1 Denglin Technology Basic Information
 - 10.8.2 Denglin Technology Edge AI Acceleration Card Product Overview
 - 10.8.3 Denglin Technology Edge AI Acceleration Card Product Market Performance
 - 10.8.4 Denglin Technology Business Overview
 - 10.8.5 Denglin Technology Recent Developments
- 10.9 HYGON
 - 10.9.1 HYGON Basic Information
 - 10.9.2 HYGON Edge AI Acceleration Card Product Overview
 - 10.9.3 HYGON Edge AI Acceleration Card Product Market Performance
 - 10.9.4 HYGON Business Overview
 - 10.9.5 HYGON Recent Developments
- 10.10 Shanghai Iluvatar CoreX Semiconductor Co.
 - 10.10.1 Shanghai Iluvatar CoreX Semiconductor Co. Basic Information
 - 10.10.2 Shanghai Iluvatar CoreX Semiconductor Co. Edge AI Acceleration Card Product Overview
 - 10.10.3 Shanghai Iluvatar CoreX Semiconductor Co. Edge AI Acceleration Card Product Market Performance
 - 10.10.4 Shanghai Iluvatar CoreX Semiconductor Co. Business Overview
 - 10.10.5 Shanghai Iluvatar CoreX Semiconductor Co. Recent Developments
- 10.11 Ltd.
 - 10.11.1 Ltd. Basic Information
 - 10.11.2 Ltd. Edge AI Acceleration Card Product Overview
 - 10.11.3 Ltd. Edge AI Acceleration Card Product Market Performance
 - 10.11.4 Ltd. Business Overview
 - 10.11.5 Ltd. Recent Developments
- 10.12 Shanghai Suiyuan Technology Co.
 - 10.12.1 Shanghai Suiyuan Technology Co. Basic Information
 - 10.12.2 Shanghai Suiyuan Technology Co. Edge AI Acceleration Card Product Overview
 - 10.12.3 Shanghai Suiyuan Technology Co. Edge AI Acceleration Card Product Market Performance
 - 10.12.4 Shanghai Suiyuan Technology Co. Business Overview
 - 10.12.5 Shanghai Suiyuan Technology Co. Recent Developments
- 10.13 Ltd.

- 10.13.1 Ltd. Basic Information
- 10.13.2 Ltd. Edge AI Acceleration Card Product Overview
- 10.13.3 Ltd. Edge AI Acceleration Card Product Market Performance
- 10.13.4 Ltd. Business Overview
- 10.13.5 Ltd. Recent Developments
- 10.14 Kunlunxin
 - 10.14.1 Kunlunxin Basic Information
 - 10.14.2 Kunlunxin Edge AI Acceleration Card Product Overview
 - 10.14.3 Kunlunxin Edge AI Acceleration Card Product Market Performance
 - 10.14.4 Kunlunxin Business Overview
 - 10.14.5 Kunlunxin Recent Developments
- 10.15 Cambricon Technologies Co.
 - 10.15.1 Cambricon Technologies Co. Basic Information
 - 10.15.2 Cambricon Technologies Co. Edge AI Acceleration Card Product Overview
 - 10.15.3 Cambricon Technologies Co. Edge AI Acceleration Card Product Market Performance
 - 10.15.4 Cambricon Technologies Co. Business Overview
 - 10.15.5 Cambricon Technologies Co. Recent Developments
- 10.16 Ltd.
 - 10.16.1 Ltd. Basic Information
 - 10.16.2 Ltd. Edge AI Acceleration Card Product Overview
 - 10.16.3 Ltd. Edge AI Acceleration Card Product Market Performance
 - 10.16.4 Ltd. Business Overview
 - 10.16.5 Ltd. Recent Developments
- 10.17 Vastai Technologies
 - 10.17.1 Vastai Technologies Basic Information
 - 10.17.2 Vastai Technologies Edge AI Acceleration Card Product Overview
 - 10.17.3 Vastai Technologies Edge AI Acceleration Card Product Market Performance
 - 10.17.4 Vastai Technologies Business Overview
 - 10.17.5 Vastai Technologies Recent Developments
- 10.18 Advantech Co.
 - 10.18.1 Advantech Co. Basic Information
 - 10.18.2 Advantech Co. Edge AI Acceleration Card Product Overview
 - 10.18.3 Advantech Co. Edge AI Acceleration Card Product Market Performance
 - 10.18.4 Advantech Co. Business Overview
 - 10.18.5 Advantech Co. Recent Developments
- 10.19 Ltd.
 - 10.19.1 Ltd. Basic Information
 - 10.19.2 Ltd. Edge AI Acceleration Card Product Overview

10.19.3 Ltd. Edge AI Acceleration Card Product Market Performance

10.19.4 Ltd. Business Overview

10.19.5 Ltd. Recent Developments

11 EDGE AI ACCELERATION CARD MARKET FORECAST BY REGION

11.1 Global Edge AI Acceleration Card Market Size Forecast

11.2 Global Edge AI Acceleration Card Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Edge AI Acceleration Card Market Size Forecast by Country

11.2.3 Asia Pacific Edge AI Acceleration Card Market Size Forecast by Region

11.2.4 South America Edge AI Acceleration Card Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Edge AI Acceleration Card by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

12.1 Global Edge AI Acceleration Card Market Forecast by Type (2026-2033)

12.1.1 Global Forecasted Sales of Edge AI Acceleration Card by Type (2026-2033)

12.1.2 Global Edge AI Acceleration Card Market Size Forecast by Type (2026-2033)

12.1.3 Global Forecasted Price of Edge AI Acceleration Card by Type (2026-2033)

12.2 Global Edge AI Acceleration Card Market Forecast by Application (2026-2033)

12.2.1 Global Edge AI Acceleration Card Sales (K MT) Forecast by Application

12.2.2 Global Edge AI Acceleration Card Market Size (M USD) Forecast by Application (2026-2033)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Edge AI Acceleration Card Market Size Comparison by Region (M USD)

Table 5. Global Edge AI Acceleration Card Sales (K MT) by Manufacturers (2020-2025)

Table 6. Global Edge AI Acceleration Card Sales Market Share by Manufacturers (2020-2025)

Table 7. Global Edge AI Acceleration Card Revenue (M USD) by Manufacturers (2020-2025)

Table 8. Global Edge AI Acceleration Card Revenue Share by Manufacturers (2020-2025)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Edge AI Acceleration Card as of 2024)

Table 10. Global Market Edge AI Acceleration Card Average Price (USD/KG) of Key Manufacturers (2020-2025)

Table 11. Manufacturers? Manufacturing Sites, Areas Served

Table 12. Manufacturers? Product Type

Table 13. Global Edge AI Acceleration Card Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. Edge AI Acceleration Card Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 25. Global Edge AI Acceleration Card Sales by Type (K MT)

Table 26. Global Edge AI Acceleration Card Market Size by Type (M USD)

Table 27. Global Edge AI Acceleration Card Sales (K MT) by Type (2020-2025)

Table 28. Global Edge AI Acceleration Card Sales Market Share by Type (2020-2025)

- Table 29. Global Edge AI Acceleration Card Market Size (M USD) by Type (2020-2025)
- Table 30. Global Edge AI Acceleration Card Market Size Share by Type (2020-2025)
- Table 31. Global Edge AI Acceleration Card Price (USD/KG) by Type (2020-2025)
- Table 32. Global Edge AI Acceleration Card Sales (K MT) by Application
- Table 33. Global Edge AI Acceleration Card Market Size by Application
- Table 34. Global Edge AI Acceleration Card Sales by Application (2020-2025) & (K MT)
- Table 35. Global Edge AI Acceleration Card Sales Market Share by Application (2020-2025)
- Table 36. Global Edge AI Acceleration Card Market Size by Application (2020-2025) & (M USD)
- Table 37. Global Edge AI Acceleration Card Market Share by Application (2020-2025)
- Table 38. Global Edge AI Acceleration Card Sales Growth Rate by Application (2020-2025)
- Table 39. Global Edge AI Acceleration Card Sales by Region (2020-2025) & (K MT)
- Table 40. Global Edge AI Acceleration Card Sales Market Share by Region (2020-2025)
- Table 41. Global Edge AI Acceleration Card Market Size by Region (2020-2025) & (M USD)
- Table 42. Global Edge AI Acceleration Card Market Size Market Share by Region (2020-2025)
- Table 43. North America Edge AI Acceleration Card Sales by Country (2020-2025) & (K MT)
- Table 44. North America Edge AI Acceleration Card Market Size by Country (2020-2025) & (M USD)
- Table 45. Europe Edge AI Acceleration Card Sales by Country (2020-2025) & (K MT)
- Table 46. Europe Edge AI Acceleration Card Market Size by Country (2020-2025) & (M USD)
- Table 47. Asia Pacific Edge AI Acceleration Card Sales by Region (2020-2025) & (K MT)
- Table 48. Asia Pacific Edge AI Acceleration Card Market Size by Region (2020-2025) & (M USD)
- Table 49. South America Edge AI Acceleration Card Sales by Country (2020-2025) & (K MT)
- Table 50. South America Edge AI Acceleration Card Market Size by Country (2020-2025) & (M USD)
- Table 51. Middle East and Africa Edge AI Acceleration Card Sales by Region (2020-2025) & (K MT)
- Table 52. Middle East and Africa Edge AI Acceleration Card Market Size by Region (2020-2025) & (M USD)
- Table 53. Global Edge AI Acceleration Card Production (K MT) by Region(2020-2025)

Table 54. Global Edge AI Acceleration Card Revenue (US\$ Million) by Region (2020-2025)

Table 55. Global Edge AI Acceleration Card Revenue Market Share by Region (2020-2025)

Table 56. Global Edge AI Acceleration Card Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 57. North America Edge AI Acceleration Card Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 58. Europe Edge AI Acceleration Card Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 59. Japan Edge AI Acceleration Card Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 60. China Edge AI Acceleration Card Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 61. NVIDIA Basic Information

Table 62. NVIDIA Edge AI Acceleration Card Product Overview

Table 63. NVIDIA Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 64. NVIDIA Business Overview

Table 65. NVIDIA SWOT Analysis

Table 66. NVIDIA Recent Developments

Table 67. AMD Basic Information

Table 68. AMD Edge AI Acceleration Card Product Overview

Table 69. AMD Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 70. AMD Business Overview

Table 71. AMD SWOT Analysis

Table 72. AMD Recent Developments

Table 73. Intel Basic Information

Table 74. Intel Edge AI Acceleration Card Product Overview

Table 75. Intel Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 76. Intel Business Overview

Table 77. Intel SWOT Analysis

Table 78. Intel Recent Developments

Table 79. Huawei Basic Information

Table 80. Huawei Edge AI Acceleration Card Product Overview

Table 81. Huawei Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 82. Huawei Business Overview

Table 83. Huawei Recent Developments

Table 84. Qualcomm Basic Information

Table 85. Qualcomm Edge AI Acceleration Card Product Overview

Table 86. Qualcomm Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 87. Qualcomm Business Overview

Table 88. Qualcomm Recent Developments

Table 89. IBM Basic Information

Table 90. IBM Edge AI Acceleration Card Product Overview

Table 91. IBM Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 92. IBM Business Overview

Table 93. IBM Recent Developments

Table 94. Hailo Basic Information

Table 95. Hailo Edge AI Acceleration Card Product Overview

Table 96. Hailo Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 97. Hailo Business Overview

Table 98. Hailo Recent Developments

Table 99. Denglin Technology Basic Information

Table 100. Denglin Technology Edge AI Acceleration Card Product Overview

Table 101. Denglin Technology Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 102. Denglin Technology Business Overview

Table 103. Denglin Technology Recent Developments

Table 104. HYGON Basic Information

Table 105. HYGON Edge AI Acceleration Card Product Overview

Table 106. HYGON Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 107. HYGON Business Overview

Table 108. HYGON Recent Developments

Table 109. Shanghai Iluvatar CoreX Semiconductor Co. Basic Information

Table 110. Shanghai Iluvatar CoreX Semiconductor Co. Edge AI Acceleration Card Product Overview

Table 111. Shanghai Iluvatar CoreX Semiconductor Co. Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 112. Shanghai Iluvatar CoreX Semiconductor Co. Business Overview

Table 113. Shanghai Iluvatar CoreX Semiconductor Co. Recent Developments

- Table 114. Ltd. Basic Information
- Table 115. Ltd. Edge AI Acceleration Card Product Overview
- Table 116. Ltd. Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 117. Ltd. Business Overview
- Table 118. Ltd. Recent Developments
- Table 119. Shanghai Suiyuan Technology Co. Basic Information
- Table 120. Shanghai Suiyuan Technology Co. Edge AI Acceleration Card Product Overview
- Table 121. Shanghai Suiyuan Technology Co. Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 122. Shanghai Suiyuan Technology Co. Business Overview
- Table 123. Shanghai Suiyuan Technology Co. Recent Developments
- Table 124. Ltd. Basic Information
- Table 125. Ltd. Edge AI Acceleration Card Product Overview
- Table 126. Ltd. Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 127. Ltd. Business Overview
- Table 128. Ltd. Recent Developments
- Table 129. Kunlunxin Basic Information
- Table 130. Kunlunxin Edge AI Acceleration Card Product Overview
- Table 131. Kunlunxin Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 132. Kunlunxin Business Overview
- Table 133. Kunlunxin Recent Developments
- Table 134. Cambricon Technologies Co. Basic Information
- Table 135. Cambricon Technologies Co. Edge AI Acceleration Card Product Overview
- Table 136. Cambricon Technologies Co. Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 137. Cambricon Technologies Co. Business Overview
- Table 138. Cambricon Technologies Co. Recent Developments
- Table 139. Ltd. Basic Information
- Table 140. Ltd. Edge AI Acceleration Card Product Overview
- Table 141. Ltd. Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 142. Ltd. Business Overview
- Table 143. Ltd. Recent Developments
- Table 144. Vastai Technologies Basic Information
- Table 145. Vastai Technologies Edge AI Acceleration Card Product Overview

- Table 146. Vastai Technologies Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 147. Vastai Technologies Business Overview
- Table 148. Vastai Technologies Recent Developments
- Table 149. Advantech Co. Basic Information
- Table 150. Advantech Co. Edge AI Acceleration Card Product Overview
- Table 151. Advantech Co. Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 152. Advantech Co. Business Overview
- Table 153. Advantech Co. Recent Developments
- Table 154. Ltd. Basic Information
- Table 155. Ltd. Edge AI Acceleration Card Product Overview
- Table 156. Ltd. Edge AI Acceleration Card Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 157. Ltd. Business Overview
- Table 158. Ltd. Recent Developments
- Table 159. Global Edge AI Acceleration Card Sales Forecast by Region (2026-2033) & (K MT)
- Table 160. Global Edge AI Acceleration Card Market Size Forecast by Region (2026-2033) & (M USD)
- Table 161. North America Edge AI Acceleration Card Sales Forecast by Country (2026-2033) & (K MT)
- Table 162. North America Edge AI Acceleration Card Market Size Forecast by Country (2026-2033) & (M USD)
- Table 163. Europe Edge AI Acceleration Card Sales Forecast by Country (2026-2033) & (K MT)
- Table 164. Europe Edge AI Acceleration Card Market Size Forecast by Country (2026-2033) & (M USD)
- Table 165. Asia Pacific Edge AI Acceleration Card Sales Forecast by Region (2026-2033) & (K MT)
- Table 166. Asia Pacific Edge AI Acceleration Card Market Size Forecast by Region (2026-2033) & (M USD)
- Table 167. South America Edge AI Acceleration Card Sales Forecast by Country (2026-2033) & (K MT)
- Table 168. South America Edge AI Acceleration Card Market Size Forecast by Country (2026-2033) & (M USD)
- Table 169. Middle East and Africa Edge AI Acceleration Card Sales Forecast by Country (2026-2033) & (Units)
- Table 170. Middle East and Africa Edge AI Acceleration Card Market Size Forecast by

Country (2026-2033) & (M USD)

Table 171. Global Edge AI Acceleration Card Sales Forecast by Type (2026-2033) & (K MT)

Table 172. Global Edge AI Acceleration Card Market Size Forecast by Type (2026-2033) & (M USD)

Table 173. Global Edge AI Acceleration Card Price Forecast by Type (2026-2033) & (USD/KG)

Table 174. Global Edge AI Acceleration Card Sales (K MT) Forecast by Application (2026-2033)

Table 175. Global Edge AI Acceleration Card Market Size Forecast by Application (2026-2033) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Edge AI Acceleration Card
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Edge AI Acceleration Card Market Size (M USD), 2024-2033
- Figure 5. Global Edge AI Acceleration Card Market Size (M USD) (2020-2033)
- Figure 6. Global Edge AI Acceleration Card Sales (K MT) & (2020-2033)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Edge AI Acceleration Card Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Edge AI Acceleration Card Product Life Cycle
- Figure 13. Edge AI Acceleration Card Sales Share by Manufacturers in 2024
- Figure 14. Global Edge AI Acceleration Card Revenue Share by Manufacturers in 2024
- Figure 15. Edge AI Acceleration Card Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market Edge AI Acceleration Card Average Price (USD/KG) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Edge AI Acceleration Card Revenue in 2024
- Figure 18. Industry Chain Map of Edge AI Acceleration Card
- Figure 19. Global Edge AI Acceleration Card Market PEST Analysis
- Figure 20. Global Edge AI Acceleration Card Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Edge AI Acceleration Card Market Share by Type
- Figure 27. Sales Market Share of Edge AI Acceleration Card by Type (2020-2025)
- Figure 28. Sales Market Share of Edge AI Acceleration Card by Type in 2024
- Figure 29. Market Size Share of Edge AI Acceleration Card by Type (2020-2025)
- Figure 30. Market Size Share of Edge AI Acceleration Card by Type in 2024
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 32. Global Edge AI Acceleration Card Market Share by Application

Figure 33. Global Edge AI Acceleration Card Sales Market Share by Application (2020-2025)

Figure 34. Global Edge AI Acceleration Card Sales Market Share by Application in 2024

Figure 35. Global Edge AI Acceleration Card Market Share by Application (2020-2025)

Figure 36. Global Edge AI Acceleration Card Market Share by Application in 2024

Figure 37. Global Edge AI Acceleration Card Sales Growth Rate by Application (2020-2025)

Figure 38. Global Edge AI Acceleration Card Sales Market Share by Region (2020-2025)

Figure 39. Global Edge AI Acceleration Card Market Size Market Share by Region (2020-2025)

Figure 40. North America Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 41. North America Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 42. North America Edge AI Acceleration Card Sales Market Share by Country in 2024

Figure 43. North America Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Edge AI Acceleration Card Market Size Market Share by Country in 2024

Figure 45. U.S. Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 46. U.S. Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Edge AI Acceleration Card Sales (K MT) and Growth Rate (2020-2025)

Figure 48. Canada Edge AI Acceleration Card Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Edge AI Acceleration Card Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Edge AI Acceleration Card Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 52. Europe Edge AI Acceleration Card Sales Market Share by Country in 2024

Figure 53. Europe Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Edge AI Acceleration Card Market Size Market Share by Country in

2024

Figure 55. Germany Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Edge AI Acceleration Card Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Edge AI Acceleration Card Sales Market Share by Region in 2024

Figure 67. Asia Pacific Edge AI Acceleration Card Market Size Market Share by Region in 2024

Figure 68. China Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 73. South Korea Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K

MT)

Figure 75. India Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Edge AI Acceleration Card Sales and Growth Rate (K MT)

Figure 79. South America Edge AI Acceleration Card Sales Market Share by Country in 2024

Figure 80. South America Edge AI Acceleration Card Market Size and Growth Rate (M USD)

Figure 81. South America Edge AI Acceleration Card Market Size Market Share by Country in 2024

Figure 82. Brazil Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 85. Argentina Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Edge AI Acceleration Card Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Edge AI Acceleration Card Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Edge AI Acceleration Card Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Edge AI Acceleration Card Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 93. Saudi Arabia Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K

MT)

Figure 95. UAE Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 97. Egypt Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 99. Nigeria Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Edge AI Acceleration Card Sales and Growth Rate (2020-2025) & (K MT)

Figure 101. South Africa Edge AI Acceleration Card Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Edge AI Acceleration Card Production Market Share by Region (2020-2025)

Figure 103. North America Edge AI Acceleration Card Production (K MT) Growth Rate (2020-2025)

Figure 104. Europe Edge AI Acceleration Card Production (K MT) Growth Rate (2020-2025)

Figure 105. Japan Edge AI Acceleration Card Production (K MT) Growth Rate (2020-2025)

Figure 106. China Edge AI Acceleration Card Production (K MT) Growth Rate (2020-2025)

Figure 107. Global Edge AI Acceleration Card Sales Forecast by Volume (2020-2033) & (K MT)

Figure 108. Global Edge AI Acceleration Card Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global Edge AI Acceleration Card Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global Edge AI Acceleration Card Market Share Forecast by Type (2026-2033)

Figure 111. Global Edge AI Acceleration Card Sales Forecast by Application (2026-2033)

Figure 112. Global Edge AI Acceleration Card Market Share Forecast by Application (2026-2033)

I would like to order

Product name: Global Edge AI Acceleration Card Market Research Report 2025(Status and Outlook)

Product link: <https://marketpublishers.com/r/E8CD099B1BCFEN.html>

Price: US\$ 3,200.00 (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/E8CD099B1BCFEN.html>