

Global AI Edge Inference Boxes Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/AB6A64EB23DDEN.html>

Date: January 2026

Pages: 127

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

ID: AB6A64EB23DDEN

Abstracts

According to our (Global Info Research) latest study, the global AI Edge Inference Boxes market size was valued at US\$ 6997 million in 2025 and is forecast to a readjusted size of US\$ 22687 million by 2032 with a CAGR of 18.2% during review period.

In 2025, global AI edge inference box production reached approximately 1,850,000 units, with an average global market price of around US\$3,675 per unit. Monthly production capacity is approximately 2,600 units per line, and the typical gross profit margin is 34%. The industry chain for AI edge inference boxes begins with upstream suppliers of processors, accelerators, memory, storage, and enclosure components. Midstream manufacturers integrate hardware with edge-AI frameworks, optimize thermal design, and carry out system assembly and testing. Downstream, the products are deployed through solution providers to sectors such as security, industrial automation, retail, and robotics. AI edge inference boxes will continue to expand as demand for on-device intelligence increases and cloud costs rise. Their value lies in delivering low-latency, private, and scalable AI processing at the point of data generation. With accelerating adoption across video analytics, manufacturing, and autonomous systems, the category is expected to become a core infrastructure layer for edge computing.

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

Global AI Edge Inference Boxes 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 Edge Inference Boxes 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 Edge Inference Boxes 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 Edge Inference Boxes
- 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 Edge Inference Boxes 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, Intel, Qualcomm, AMD, Google (Coral), Huawei, MediaTek, Hailo, SiMa.ai, Kneron, etc.

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

Market Segmentation

AI Edge Inference Boxes 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

CPU-based

GPU-based

NPU/TPU/VPU-based

FPGA-based

Others

Market segment by Scenario

Video Analytics

Industrial/Automation

Robotics/Autonomous Systems

Smart Retail

Others

Market segment by Application

Video Surveillance Analytics

Industrial Defect Detection

Traffic and License-plate Recognition

Retail Customer and Shelf Analytics

Robotics Vision and Navigation

Major players covered

NVIDIA

Intel

Qualcomm

AMD

Google (Coral)

Huawei

MediaTek

Hailo

SiMa.ai

Kneron

Syntiant

BrainChip

SynSense

GreenWaves

Ambarella

NXP

Renesas

Rockchip

Axiomtek

Advantech

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 Edge Inference Boxes product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the AI Edge Inference Boxes 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 Edge Inference Boxes 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 Edge Inference Boxes.

Chapter 14 and 15, to describe AI Edge Inference Boxes 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 Edge Inference Boxes Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 CPU-based

1.3.3 GPU-based

1.3.4 NPU/TPU/VPU-based

1.3.5 FPGA-based

1.3.6 Others

1.4 Market Analysis by Scenario

1.4.1 Overview: Global AI Edge Inference Boxes Consumption Value by Scenario: 2021 Versus 2025 Versus 2032

1.4.2 Video Analytics

1.4.3 Industrial/Automation

1.4.4 Robotics/Autonomous Systems

1.4.5 Smart Retail

1.4.6 Others

1.5 Market Analysis by Application

1.5.1 Overview: Global AI Edge Inference Boxes Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.5.2 Video Surveillance Analytics

1.5.3 Industrial Defect Detection

1.5.4 Traffic and License-plate Recognition

1.5.5 Retail Customer and Shelf Analytics

1.5.6 Robotics Vision and Navigation

1.6 Global AI Edge Inference Boxes Market Size & Forecast

1.6.1 Global AI Edge Inference Boxes Consumption Value (2021 & 2025 & 2032)

1.6.2 Global AI Edge Inference Boxes Sales Quantity (2021-2032)

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

- 2.6.5 Huawei Recent Developments/Updates
- 2.7 MediaTek
 - 2.7.1 MediaTek Details
 - 2.7.2 MediaTek Major Business
 - 2.7.3 MediaTek AI Edge Inference Boxes Product and Services
 - 2.7.4 MediaTek AI Edge Inference Boxes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.7.5 MediaTek Recent Developments/Updates
- 2.8 Hailo
 - 2.8.1 Hailo Details
 - 2.8.2 Hailo Major Business
 - 2.8.3 Hailo AI Edge Inference Boxes Product and Services
 - 2.8.4 Hailo AI Edge Inference Boxes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.8.5 Hailo Recent Developments/Updates
- 2.9 SiMa.ai
 - 2.9.1 SiMa.ai Details
 - 2.9.2 SiMa.ai Major Business
 - 2.9.3 SiMa.ai AI Edge Inference Boxes Product and Services
 - 2.9.4 SiMa.ai AI Edge Inference Boxes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.9.5 SiMa.ai Recent Developments/Updates
- 2.10 Kneron
 - 2.10.1 Kneron Details
 - 2.10.2 Kneron Major Business
 - 2.10.3 Kneron AI Edge Inference Boxes Product and Services
 - 2.10.4 Kneron AI Edge Inference Boxes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.10.5 Kneron Recent Developments/Updates
- 2.11 Syntiant
 - 2.11.1 Syntiant Details
 - 2.11.2 Syntiant Major Business
 - 2.11.3 Syntiant AI Edge Inference Boxes Product and Services
 - 2.11.4 Syntiant AI Edge Inference Boxes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.11.5 Syntiant Recent Developments/Updates
- 2.12 BrainChip
 - 2.12.1 BrainChip Details
 - 2.12.2 BrainChip Major Business

- 2.12.3 BrainChip AI Edge Inference Boxes Product and Services
- 2.12.4 BrainChip AI Edge Inference Boxes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.12.5 BrainChip Recent Developments/Updates
- 2.13 SynSense
 - 2.13.1 SynSense Details
 - 2.13.2 SynSense Major Business
 - 2.13.3 SynSense AI Edge Inference Boxes Product and Services
 - 2.13.4 SynSense AI Edge Inference Boxes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.13.5 SynSense Recent Developments/Updates
- 2.14 GreenWaves
 - 2.14.1 GreenWaves Details
 - 2.14.2 GreenWaves Major Business
 - 2.14.3 GreenWaves AI Edge Inference Boxes Product and Services
 - 2.14.4 GreenWaves AI Edge Inference Boxes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.14.5 GreenWaves Recent Developments/Updates
- 2.15 Ambarella
 - 2.15.1 Ambarella Details
 - 2.15.2 Ambarella Major Business
 - 2.15.3 Ambarella AI Edge Inference Boxes Product and Services
 - 2.15.4 Ambarella AI Edge Inference Boxes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.15.5 Ambarella Recent Developments/Updates
- 2.16 NXP
 - 2.16.1 NXP Details
 - 2.16.2 NXP Major Business
 - 2.16.3 NXP AI Edge Inference Boxes Product and Services
 - 2.16.4 NXP AI Edge Inference Boxes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.16.5 NXP Recent Developments/Updates
- 2.17 Renesas
 - 2.17.1 Renesas Details
 - 2.17.2 Renesas Major Business
 - 2.17.3 Renesas AI Edge Inference Boxes Product and Services
 - 2.17.4 Renesas AI Edge Inference Boxes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
 - 2.17.5 Renesas Recent Developments/Updates

2.18 Rockchip

2.18.1 Rockchip Details

2.18.2 Rockchip Major Business

2.18.3 Rockchip AI Edge Inference Boxes Product and Services

2.18.4 Rockchip AI Edge Inference Boxes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.18.5 Rockchip Recent Developments/Updates

2.19 Axiomtek

2.19.1 Axiomtek Details

2.19.2 Axiomtek Major Business

2.19.3 Axiomtek AI Edge Inference Boxes Product and Services

2.19.4 Axiomtek AI Edge Inference Boxes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.19.5 Axiomtek Recent Developments/Updates

2.20 Advantech

2.20.1 Advantech Details

2.20.2 Advantech Major Business

2.20.3 Advantech AI Edge Inference Boxes Product and Services

2.20.4 Advantech AI Edge Inference Boxes Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.20.5 Advantech Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: AI EDGE INFERENCE BOXES BY MANUFACTURER

3.1 Global AI Edge Inference Boxes Sales Quantity by Manufacturer (2021-2026)

3.2 Global AI Edge Inference Boxes Revenue by Manufacturer (2021-2026)

3.3 Global AI Edge Inference Boxes Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of AI Edge Inference Boxes by Manufacturer Revenue (\$MM) and Market Share (%): 2025

3.4.2 Top 3 AI Edge Inference Boxes Manufacturer Market Share in 2025

3.4.3 Top 6 AI Edge Inference Boxes Manufacturer Market Share in 2025

3.5 AI Edge Inference Boxes Market: Overall Company Footprint Analysis

3.5.1 AI Edge Inference Boxes Market: Region Footprint

3.5.2 AI Edge Inference Boxes Market: Company Product Type Footprint

3.5.3 AI Edge Inference Boxes 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 Edge Inference Boxes Market Size by Region

4.1.1 Global AI Edge Inference Boxes Sales Quantity by Region (2021-2032)

4.1.2 Global AI Edge Inference Boxes Consumption Value by Region (2021-2032)

4.1.3 Global AI Edge Inference Boxes Average Price by Region (2021-2032)

4.2 North America AI Edge Inference Boxes Consumption Value (2021-2032)

4.3 Europe AI Edge Inference Boxes Consumption Value (2021-2032)

4.4 Asia-Pacific AI Edge Inference Boxes Consumption Value (2021-2032)

4.5 South America AI Edge Inference Boxes Consumption Value (2021-2032)

4.6 Middle East & Africa AI Edge Inference Boxes Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

5.1 Global AI Edge Inference Boxes Sales Quantity by Type (2021-2032)

5.2 Global AI Edge Inference Boxes Consumption Value by Type (2021-2032)

5.3 Global AI Edge Inference Boxes Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

6.1 Global AI Edge Inference Boxes Sales Quantity by Application (2021-2032)

6.2 Global AI Edge Inference Boxes Consumption Value by Application (2021-2032)

6.3 Global AI Edge Inference Boxes Average Price by Application (2021-2032)

7 NORTH AMERICA

7.1 North America AI Edge Inference Boxes Sales Quantity by Type (2021-2032)

7.2 North America AI Edge Inference Boxes Sales Quantity by Application (2021-2032)

7.3 North America AI Edge Inference Boxes Market Size by Country

7.3.1 North America AI Edge Inference Boxes Sales Quantity by Country (2021-2032)

7.3.2 North America AI Edge Inference Boxes 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 Edge Inference Boxes Sales Quantity by Type (2021-2032)
- 8.2 Europe AI Edge Inference Boxes Sales Quantity by Application (2021-2032)
- 8.3 Europe AI Edge Inference Boxes Market Size by Country
 - 8.3.1 Europe AI Edge Inference Boxes Sales Quantity by Country (2021-2032)
 - 8.3.2 Europe AI Edge Inference Boxes 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 Edge Inference Boxes Sales Quantity by Type (2021-2032)
- 9.2 Asia-Pacific AI Edge Inference Boxes Sales Quantity by Application (2021-2032)
- 9.3 Asia-Pacific AI Edge Inference Boxes Market Size by Region
 - 9.3.1 Asia-Pacific AI Edge Inference Boxes Sales Quantity by Region (2021-2032)
 - 9.3.2 Asia-Pacific AI Edge Inference Boxes 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 Edge Inference Boxes Sales Quantity by Type (2021-2032)
- 10.2 South America AI Edge Inference Boxes Sales Quantity by Application (2021-2032)
- 10.3 South America AI Edge Inference Boxes Market Size by Country
 - 10.3.1 South America AI Edge Inference Boxes Sales Quantity by Country (2021-2032)
 - 10.3.2 South America AI Edge Inference Boxes 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 Edge Inference Boxes Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa AI Edge Inference Boxes Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa AI Edge Inference Boxes Market Size by Country

11.3.1 Middle East & Africa AI Edge Inference Boxes Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa AI Edge Inference Boxes 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 Edge Inference Boxes Market Drivers

12.2 AI Edge Inference Boxes Market Restraints

12.3 AI Edge Inference Boxes 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 Edge Inference Boxes and Key Manufacturers

13.2 Manufacturing Costs Percentage of AI Edge Inference Boxes

13.3 AI Edge Inference Boxes 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 Edge Inference Boxes Typical Distributors

14.3 AI Edge Inference Boxes 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 Edge Inference Boxes Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global AI Edge Inference Boxes Consumption Value by Scenario, (USD Million), 2021 & 2025 & 2032

Table 3. Global AI Edge Inference Boxes 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 Edge Inference Boxes Product and Services

Table 7. NVIDIA AI Edge Inference Boxes 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. Intel Basic Information, Manufacturing Base and Competitors

Table 10. Intel Major Business

Table 11. Intel AI Edge Inference Boxes Product and Services

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

Table 13. Intel Recent Developments/Updates

Table 14. Qualcomm Basic Information, Manufacturing Base and Competitors

Table 15. Qualcomm Major Business

Table 16. Qualcomm AI Edge Inference Boxes Product and Services

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

Table 18. Qualcomm Recent Developments/Updates

Table 19. AMD Basic Information, Manufacturing Base and Competitors

Table 20. AMD Major Business

Table 21. AMD AI Edge Inference Boxes Product and Services

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

Table 23. AMD Recent Developments/Updates

Table 24. Google (Coral) Basic Information, Manufacturing Base and Competitors

Table 25. Google (Coral) Major Business

Table 26. Google (Coral) AI Edge Inference Boxes Product and Services

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

- Table 28. Google (Coral) Recent Developments/Updates
- Table 29. Huawei Basic Information, Manufacturing Base and Competitors
- Table 30. Huawei Major Business
- Table 31. Huawei AI Edge Inference Boxes Product and Services
- Table 32. Huawei AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 33. Huawei Recent Developments/Updates
- Table 34. MediaTek Basic Information, Manufacturing Base and Competitors
- Table 35. MediaTek Major Business
- Table 36. MediaTek AI Edge Inference Boxes Product and Services
- Table 37. MediaTek AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 38. MediaTek Recent Developments/Updates
- Table 39. Hailo Basic Information, Manufacturing Base and Competitors
- Table 40. Hailo Major Business
- Table 41. Hailo AI Edge Inference Boxes Product and Services
- Table 42. Hailo AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 43. Hailo Recent Developments/Updates
- Table 44. SiMa.ai Basic Information, Manufacturing Base and Competitors
- Table 45. SiMa.ai Major Business
- Table 46. SiMa.ai AI Edge Inference Boxes Product and Services
- Table 47. SiMa.ai AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 48. SiMa.ai Recent Developments/Updates
- Table 49. Kneron Basic Information, Manufacturing Base and Competitors
- Table 50. Kneron Major Business
- Table 51. Kneron AI Edge Inference Boxes Product and Services
- Table 52. Kneron AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 53. Kneron Recent Developments/Updates
- Table 54. Syntiant Basic Information, Manufacturing Base and Competitors
- Table 55. Syntiant Major Business
- Table 56. Syntiant AI Edge Inference Boxes Product and Services
- Table 57. Syntiant AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 58. Syntiant Recent Developments/Updates
- Table 59. BrainChip Basic Information, Manufacturing Base and Competitors
- Table 60. BrainChip Major Business

- Table 61. BrainChip AI Edge Inference Boxes Product and Services
- Table 62. BrainChip AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 63. BrainChip Recent Developments/Updates
- Table 64. SynSense Basic Information, Manufacturing Base and Competitors
- Table 65. SynSense Major Business
- Table 66. SynSense AI Edge Inference Boxes Product and Services
- Table 67. SynSense AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 68. SynSense Recent Developments/Updates
- Table 69. GreenWaves Basic Information, Manufacturing Base and Competitors
- Table 70. GreenWaves Major Business
- Table 71. GreenWaves AI Edge Inference Boxes Product and Services
- Table 72. GreenWaves AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 73. GreenWaves Recent Developments/Updates
- Table 74. Ambarella Basic Information, Manufacturing Base and Competitors
- Table 75. Ambarella Major Business
- Table 76. Ambarella AI Edge Inference Boxes Product and Services
- Table 77. Ambarella AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 78. Ambarella Recent Developments/Updates
- Table 79. NXP Basic Information, Manufacturing Base and Competitors
- Table 80. NXP Major Business
- Table 81. NXP AI Edge Inference Boxes Product and Services
- Table 82. NXP AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 83. NXP Recent Developments/Updates
- Table 84. Renesas Basic Information, Manufacturing Base and Competitors
- Table 85. Renesas Major Business
- Table 86. Renesas AI Edge Inference Boxes Product and Services
- Table 87. Renesas AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 88. Renesas Recent Developments/Updates
- Table 89. Rockchip Basic Information, Manufacturing Base and Competitors
- Table 90. Rockchip Major Business
- Table 91. Rockchip AI Edge Inference Boxes Product and Services
- Table 92. Rockchip AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

- Table 93. Rockchip Recent Developments/Updates
- Table 94. Axiomtek Basic Information, Manufacturing Base and Competitors
- Table 95. Axiomtek Major Business
- Table 96. Axiomtek AI Edge Inference Boxes Product and Services
- Table 97. Axiomtek AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 98. Axiomtek Recent Developments/Updates
- Table 99. Advantech Basic Information, Manufacturing Base and Competitors
- Table 100. Advantech Major Business
- Table 101. Advantech AI Edge Inference Boxes Product and Services
- Table 102. Advantech AI Edge Inference Boxes Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. Advantech Recent Developments/Updates
- Table 104. Global AI Edge Inference Boxes Sales Quantity by Manufacturer (2021-2026) & (K Units)
- Table 105. Global AI Edge Inference Boxes Revenue by Manufacturer (2021-2026) & (USD Million)
- Table 106. Global AI Edge Inference Boxes Average Price by Manufacturer (2021-2026) & (US\$/Unit)
- Table 107. Market Position of Manufacturers in AI Edge Inference Boxes, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
- Table 108. Head Office and AI Edge Inference Boxes Production Site of Key Manufacturer
- Table 109. AI Edge Inference Boxes Market: Company Product Type Footprint
- Table 110. AI Edge Inference Boxes Market: Company Product Application Footprint
- Table 111. AI Edge Inference Boxes New Market Entrants and Barriers to Market Entry
- Table 112. AI Edge Inference Boxes Mergers, Acquisition, Agreements, and Collaborations
- Table 113. Global AI Edge Inference Boxes Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
- Table 114. Global AI Edge Inference Boxes Sales Quantity by Region (2021-2026) & (K Units)
- Table 115. Global AI Edge Inference Boxes Sales Quantity by Region (2027-2032) & (K Units)
- Table 116. Global AI Edge Inference Boxes Consumption Value by Region (2021-2026) & (USD Million)
- Table 117. Global AI Edge Inference Boxes Consumption Value by Region (2027-2032) & (USD Million)
- Table 118. Global AI Edge Inference Boxes Average Price by Region (2021-2026) &

(US\$/Unit)

Table 119. Global AI Edge Inference Boxes Average Price by Region (2027-2032) & (US\$/Unit)

Table 120. Global AI Edge Inference Boxes Sales Quantity by Type (2021-2026) & (K Units)

Table 121. Global AI Edge Inference Boxes Sales Quantity by Type (2027-2032) & (K Units)

Table 122. Global AI Edge Inference Boxes Consumption Value by Type (2021-2026) & (USD Million)

Table 123. Global AI Edge Inference Boxes Consumption Value by Type (2027-2032) & (USD Million)

Table 124. Global AI Edge Inference Boxes Average Price by Type (2021-2026) & (US\$/Unit)

Table 125. Global AI Edge Inference Boxes Average Price by Type (2027-2032) & (US\$/Unit)

Table 126. Global AI Edge Inference Boxes Sales Quantity by Application (2021-2026) & (K Units)

Table 127. Global AI Edge Inference Boxes Sales Quantity by Application (2027-2032) & (K Units)

Table 128. Global AI Edge Inference Boxes Consumption Value by Application (2021-2026) & (USD Million)

Table 129. Global AI Edge Inference Boxes Consumption Value by Application (2027-2032) & (USD Million)

Table 130. Global AI Edge Inference Boxes Average Price by Application (2021-2026) & (US\$/Unit)

Table 131. Global AI Edge Inference Boxes Average Price by Application (2027-2032) & (US\$/Unit)

Table 132. North America AI Edge Inference Boxes Sales Quantity by Type (2021-2026) & (K Units)

Table 133. North America AI Edge Inference Boxes Sales Quantity by Type (2027-2032) & (K Units)

Table 134. North America AI Edge Inference Boxes Sales Quantity by Application (2021-2026) & (K Units)

Table 135. North America AI Edge Inference Boxes Sales Quantity by Application (2027-2032) & (K Units)

Table 136. North America AI Edge Inference Boxes Sales Quantity by Country (2021-2026) & (K Units)

Table 137. North America AI Edge Inference Boxes Sales Quantity by Country (2027-2032) & (K Units)

Table 138. North America AI Edge Inference Boxes Consumption Value by Country (2021-2026) & (USD Million)

Table 139. North America AI Edge Inference Boxes Consumption Value by Country (2027-2032) & (USD Million)

Table 140. Europe AI Edge Inference Boxes Sales Quantity by Type (2021-2026) & (K Units)

Table 141. Europe AI Edge Inference Boxes Sales Quantity by Type (2027-2032) & (K Units)

Table 142. Europe AI Edge Inference Boxes Sales Quantity by Application (2021-2026) & (K Units)

Table 143. Europe AI Edge Inference Boxes Sales Quantity by Application (2027-2032) & (K Units)

Table 144. Europe AI Edge Inference Boxes Sales Quantity by Country (2021-2026) & (K Units)

Table 145. Europe AI Edge Inference Boxes Sales Quantity by Country (2027-2032) & (K Units)

Table 146. Europe AI Edge Inference Boxes Consumption Value by Country (2021-2026) & (USD Million)

Table 147. Europe AI Edge Inference Boxes Consumption Value by Country (2027-2032) & (USD Million)

Table 148. Asia-Pacific AI Edge Inference Boxes Sales Quantity by Type (2021-2026) & (K Units)

Table 149. Asia-Pacific AI Edge Inference Boxes Sales Quantity by Type (2027-2032) & (K Units)

Table 150. Asia-Pacific AI Edge Inference Boxes Sales Quantity by Application (2021-2026) & (K Units)

Table 151. Asia-Pacific AI Edge Inference Boxes Sales Quantity by Application (2027-2032) & (K Units)

Table 152. Asia-Pacific AI Edge Inference Boxes Sales Quantity by Region (2021-2026) & (K Units)

Table 153. Asia-Pacific AI Edge Inference Boxes Sales Quantity by Region (2027-2032) & (K Units)

Table 154. Asia-Pacific AI Edge Inference Boxes Consumption Value by Region (2021-2026) & (USD Million)

Table 155. Asia-Pacific AI Edge Inference Boxes Consumption Value by Region (2027-2032) & (USD Million)

Table 156. South America AI Edge Inference Boxes Sales Quantity by Type (2021-2026) & (K Units)

Table 157. South America AI Edge Inference Boxes Sales Quantity by Type

(2027-2032) & (K Units)

Table 158. South America AI Edge Inference Boxes Sales Quantity by Application (2021-2026) & (K Units)

Table 159. South America AI Edge Inference Boxes Sales Quantity by Application (2027-2032) & (K Units)

Table 160. South America AI Edge Inference Boxes Sales Quantity by Country (2021-2026) & (K Units)

Table 161. South America AI Edge Inference Boxes Sales Quantity by Country (2027-2032) & (K Units)

Table 162. South America AI Edge Inference Boxes Consumption Value by Country (2021-2026) & (USD Million)

Table 163. South America AI Edge Inference Boxes Consumption Value by Country (2027-2032) & (USD Million)

Table 164. Middle East & Africa AI Edge Inference Boxes Sales Quantity by Type (2021-2026) & (K Units)

Table 165. Middle East & Africa AI Edge Inference Boxes Sales Quantity by Type (2027-2032) & (K Units)

Table 166. Middle East & Africa AI Edge Inference Boxes Sales Quantity by Application (2021-2026) & (K Units)

Table 167. Middle East & Africa AI Edge Inference Boxes Sales Quantity by Application (2027-2032) & (K Units)

Table 168. Middle East & Africa AI Edge Inference Boxes Sales Quantity by Country (2021-2026) & (K Units)

Table 169. Middle East & Africa AI Edge Inference Boxes Sales Quantity by Country (2027-2032) & (K Units)

Table 170. Middle East & Africa AI Edge Inference Boxes Consumption Value by Country (2021-2026) & (USD Million)

Table 171. Middle East & Africa AI Edge Inference Boxes Consumption Value by Country (2027-2032) & (USD Million)

Table 172. AI Edge Inference Boxes Raw Material

Table 173. Key Manufacturers of AI Edge Inference Boxes Raw Materials

Table 174. AI Edge Inference Boxes Typical Distributors

Table 175. AI Edge Inference Boxes Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. AI Edge Inference Boxes Picture
- Figure 2. Global AI Edge Inference Boxes Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global AI Edge Inference Boxes Revenue Market Share by Type in 2025
- Figure 4. CPU-based Examples
- Figure 5. GPU-based Examples
- Figure 6. NPU/TPU/VPU-based Examples
- Figure 7. FPGA-based Examples
- Figure 8. Others Examples
- Figure 9. Global AI Edge Inference Boxes Revenue by Scenario, (USD Million), 2021 & 2025 & 2032
- Figure 10. Global AI Edge Inference Boxes Revenue Market Share by Scenario in 2025
- Figure 11. Video Analytics Examples
- Figure 12. Industrial/Automation Examples
- Figure 13. Robotics/Autonomous Systems Examples
- Figure 14. Smart Retail Examples
- Figure 15. Others Examples
- Figure 16. Global AI Edge Inference Boxes Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 17. Global AI Edge Inference Boxes Revenue Market Share by Application in 2025
- Figure 18. Video Surveillance Analytics Examples
- Figure 19. Industrial Defect Detection Examples
- Figure 20. Traffic and License-plate Recognition Examples
- Figure 21. Retail Customer and Shelf Analytics Examples
- Figure 22. Robotics Vision and Navigation Examples
- Figure 23. Global AI Edge Inference Boxes Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 24. Global AI Edge Inference Boxes Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 25. Global AI Edge Inference Boxes Sales Quantity (2021-2032) & (K Units)
- Figure 26. Global AI Edge Inference Boxes Price (2021-2032) & (US\$/Unit)
- Figure 27. Global AI Edge Inference Boxes Sales Quantity Market Share by Manufacturer in 2025
- Figure 28. Global AI Edge Inference Boxes Revenue Market Share by Manufacturer in

2025

Figure 29. Producer Shipments of AI Edge Inference Boxes by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 30. Top 3 AI Edge Inference Boxes Manufacturer (Revenue) Market Share in 2025

Figure 31. Top 6 AI Edge Inference Boxes Manufacturer (Revenue) Market Share in 2025

Figure 32. Global AI Edge Inference Boxes Sales Quantity Market Share by Region (2021-2032)

Figure 33. Global AI Edge Inference Boxes Consumption Value Market Share by Region (2021-2032)

Figure 34. North America AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 35. Europe AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 36. Asia-Pacific AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 37. South America AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 38. Middle East & Africa AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 39. Global AI Edge Inference Boxes Sales Quantity Market Share by Type (2021-2032)

Figure 40. Global AI Edge Inference Boxes Consumption Value Market Share by Type (2021-2032)

Figure 41. Global AI Edge Inference Boxes Average Price by Type (2021-2032) & (US\$/Unit)

Figure 42. Global AI Edge Inference Boxes Sales Quantity Market Share by Application (2021-2032)

Figure 43. Global AI Edge Inference Boxes Revenue Market Share by Application (2021-2032)

Figure 44. Global AI Edge Inference Boxes Average Price by Application (2021-2032) & (US\$/Unit)

Figure 45. North America AI Edge Inference Boxes Sales Quantity Market Share by Type (2021-2032)

Figure 46. North America AI Edge Inference Boxes Sales Quantity Market Share by Application (2021-2032)

Figure 47. North America AI Edge Inference Boxes Sales Quantity Market Share by Country (2021-2032)

Figure 48. North America AI Edge Inference Boxes Consumption Value Market Share by Country (2021-2032)

Figure 49. United States AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 50. Canada AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 51. Mexico AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 52. Europe AI Edge Inference Boxes Sales Quantity Market Share by Type (2021-2032)

Figure 53. Europe AI Edge Inference Boxes Sales Quantity Market Share by Application (2021-2032)

Figure 54. Europe AI Edge Inference Boxes Sales Quantity Market Share by Country (2021-2032)

Figure 55. Europe AI Edge Inference Boxes Consumption Value Market Share by Country (2021-2032)

Figure 56. Germany AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 57. France AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 58. United Kingdom AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 59. Russia AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 60. Italy AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 61. Asia-Pacific AI Edge Inference Boxes Sales Quantity Market Share by Type (2021-2032)

Figure 62. Asia-Pacific AI Edge Inference Boxes Sales Quantity Market Share by Application (2021-2032)

Figure 63. Asia-Pacific AI Edge Inference Boxes Sales Quantity Market Share by Region (2021-2032)

Figure 64. Asia-Pacific AI Edge Inference Boxes Consumption Value Market Share by Region (2021-2032)

Figure 65. China AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 66. Japan AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 67. South Korea AI Edge Inference Boxes Consumption Value (2021-2032) &

(USD Million)

Figure 68. India AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 69. Southeast Asia AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 70. Australia AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 71. South America AI Edge Inference Boxes Sales Quantity Market Share by Type (2021-2032)

Figure 72. South America AI Edge Inference Boxes Sales Quantity Market Share by Application (2021-2032)

Figure 73. South America AI Edge Inference Boxes Sales Quantity Market Share by Country (2021-2032)

Figure 74. South America AI Edge Inference Boxes Consumption Value Market Share by Country (2021-2032)

Figure 75. Brazil AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 76. Argentina AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 77. Middle East & Africa AI Edge Inference Boxes Sales Quantity Market Share by Type (2021-2032)

Figure 78. Middle East & Africa AI Edge Inference Boxes Sales Quantity Market Share by Application (2021-2032)

Figure 79. Middle East & Africa AI Edge Inference Boxes Sales Quantity Market Share by Country (2021-2032)

Figure 80. Middle East & Africa AI Edge Inference Boxes Consumption Value Market Share by Country (2021-2032)

Figure 81. Turkey AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 82. Egypt AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 83. Saudi Arabia AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 84. South Africa AI Edge Inference Boxes Consumption Value (2021-2032) & (USD Million)

Figure 85. AI Edge Inference Boxes Market Drivers

Figure 86. AI Edge Inference Boxes Market Restraints

Figure 87. AI Edge Inference Boxes Market Trends

Figure 88. Porters Five Forces Analysis

Figure 89. Manufacturing Cost Structure Analysis of AI Edge Inference Boxes in 2025

Figure 90. Manufacturing Process Analysis of AI Edge Inference Boxes

Figure 91. AI Edge Inference Boxes Industrial Chain

Figure 92. Sales Channel: Direct to End-User vs Distributors

Figure 93. Direct Channel Pros & Cons

Figure 94. Indirect Channel Pros & Cons

Figure 95. Methodology

Figure 96. Research Process and Data Source

I would like to order

Product name: Global AI Edge Inference Boxes Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/AB6A64EB23DDEN.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/AB6A64EB23DDEN.html>