



AI Computing Modules Industry Research Report 2026

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Electronics & Semiconductor	2026-07-06	137	PDF

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Description

The global AI Computing Modules market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for AI Computing Modules is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for AI Computing Modules is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for AI Computing Modules is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of AI Computing Modules include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global AI Computing Modules market in revenue (US\$ million) and, where applicable, sales volume (k units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to AI Computing Modules.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

AI Computing Modules Market by Company

NVIDIA

Intel

Qualcomm

AMD

Google

Apple

Micron Technology

Cerebras Systems

Mythic AI

Kneron

Graphcore

Arm Holdings

NXP Semiconductors

Baikal Electronics

Samsung

MediaTek

Huawei

Rockchip

AI Computing Modules Segment by Type

GPU-based AI Modules

TPU-based AI Modules

FPGA-based AI Modules

ASIC-based AI Modules

AI Computing Modules Segment by Application

Data Centers

Autonomous Vehicles

Medical Devices

Telecommunications

Financial Services

Retail & E-commerce

Industrial Automation

Smart Cities

Others

AI Computing Modules Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Spain

Netherlands

Switzerland

Sweden

Poland

Asia-Pacific

China
Japan
South Korea
India
Australia
Taiwan
Southeast Asia
South America
Brazil
Argentina
Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global AI Computing Modules market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of AI Computing Modules and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of AI Computing Modules.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, 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 market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of AI Computing Modules manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of AI Computing Modules by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of AI Computing Modules in regional level and country level. It 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 production of each country in the world.

Chapter 7:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8:

Provides the analysis of various market segments by 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 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, 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 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 AI Computing Modules by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 GPU-based AI Modules
 - 2.2.3 TPU-based AI Modules
 - 2.2.4 FPGA-based AI Modules
 - 2.2.5 ASIC-based AI Modules
- 2.3 AI Computing Modules by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Data Centers
 - 2.3.3 Autonomous Vehicles
 - 2.3.4 Medical Devices
 - 2.3.5 Telecommunications
 - 2.3.6 Financial Services
 - 2.3.7 Retail & E-commerce
 - 2.3.8 Industrial Automation
 - 2.3.9 Smart Cities
 - 2.3.10 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global AI Computing Modules Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global AI Computing Modules Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global AI Computing Modules Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global AI Computing Modules Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global AI Computing Modules Production by Manufacturers (2021-2026)
- 3.2 Global AI Computing Modules Production Value by Manufacturers (2021-2026)
- 3.3 Global AI Computing Modules Average Price by Manufacturers (2021-2026)
- 3.4 Global AI Computing Modules Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global AI Computing Modules Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global AI Computing Modules Manufacturers, Product Type & Application
- 3.7 Global AI Computing Modules Manufacturers Established Date
- 3.8 Global AI Computing Modules Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

4.1 NVIDIA

4.1.1 NVIDIA AI Computing Modules Company Information

4.1.2 NVIDIA AI Computing Modules Business Overview

4.1.3 NVIDIA AI Computing Modules Production, Value and Gross Margin (2021-2026)

4.1.4 NVIDIA Product Portfolio

4.1.5 NVIDIA Recent Developments

4.2 Intel

4.2.1 Intel AI Computing Modules Company Information

4.2.2 Intel AI Computing Modules Business Overview

4.2.3 Intel AI Computing Modules Production, Value and Gross Margin (2021-2026)

4.2.4 Intel Product Portfolio

4.2.5 Intel Recent Developments

4.3 Qualcomm

4.3.1 Qualcomm AI Computing Modules Company Information

4.3.2 Qualcomm AI Computing Modules Business Overview

4.3.3 Qualcomm AI Computing Modules Production, Value and Gross Margin (2021-2026)

4.3.4 Qualcomm Product Portfolio

4.3.5 Qualcomm Recent Developments

4.4 AMD

4.4.1 AMD AI Computing Modules Company Information

4.4.2 AMD AI Computing Modules Business Overview

4.4.3 AMD AI Computing Modules Production, Value and Gross Margin (2021-2026)

4.4.4 AMD Product Portfolio

4.4.5 AMD Recent Developments

4.5 Google

4.5.1 Google AI Computing Modules Company Information

4.5.2 Google AI Computing Modules Business Overview

4.5.3 Google AI Computing Modules Production, Value and Gross Margin (2021-2026)

4.5.4 Google Product Portfolio

4.5.5 Google Recent Developments

4.6 Apple

4.6.1 Apple AI Computing Modules Company Information

4.6.2 Apple AI Computing Modules Business Overview

4.6.3 Apple AI Computing Modules Production, Value and Gross Margin (2021-2026)

4.6.4 Apple Product Portfolio

4.6.5 Apple Recent Developments

4.7 Micron Technology

4.7.1 Micron Technology AI Computing Modules Company Information

4.7.2 Micron Technology AI Computing Modules Business Overview

4.7.3 Micron Technology AI Computing Modules Production, Value and Gross Margin (2021-2026)

4.7.4 Micron Technology Product Portfolio

4.7.5 Micron Technology Recent Developments

4.8 Cerebras Systems

4.8.1 Cerebras Systems AI Computing Modules Company Information

4.8.2 Cerebras Systems AI Computing Modules Business Overview

4.8.3 Cerebras Systems AI Computing Modules Production, Value and Gross Margin (2021-2026)

4.8.4 Cerebras Systems Product Portfolio

4.8.5 Cerebras Systems Recent Developments

4.9 Mythic AI

- 4.9.1 Mythic AI AI Computing Modules Company Information
- 4.9.2 Mythic AI AI Computing Modules Business Overview
- 4.9.3 Mythic AI AI Computing Modules Production, Value and Gross Margin (2021-2026)
- 4.9.4 Mythic AI Product Portfolio
- 4.9.5 Mythic AI Recent Developments

4.10 Kneron

- 4.10.1 Kneron AI Computing Modules Company Information
- 4.10.2 Kneron AI Computing Modules Business Overview
- 4.10.3 Kneron AI Computing Modules Production, Value and Gross Margin (2021-2026)
- 4.10.4 Kneron Product Portfolio
- 4.10.5 Kneron Recent Developments

4.11 Graphcore

- 4.11.1 Graphcore AI Computing Modules Company Information
- 4.11.2 Graphcore AI Computing Modules Business Overview
- 4.11.3 Graphcore AI Computing Modules Production, Value and Gross Margin (2021-2026)
- 4.11.4 Graphcore Product Portfolio
- 4.11.5 Graphcore Recent Developments

4.12 Arm Holdings

- 4.12.1 Arm Holdings AI Computing Modules Company Information
- 4.12.2 Arm Holdings AI Computing Modules Business Overview
- 4.12.3 Arm Holdings AI Computing Modules Production, Value and Gross Margin (2021-2026)
- 4.12.4 Arm Holdings Product Portfolio
- 4.12.5 Arm Holdings Recent Developments

4.13 NXP Semiconductors

- 4.13.1 NXP Semiconductors AI Computing Modules Company Information
- 4.13.2 NXP Semiconductors AI Computing Modules Business Overview
- 4.13.3 NXP Semiconductors AI Computing Modules Production, Value and Gross Margin (2021-2026)
- 4.13.4 NXP Semiconductors Product Portfolio
- 4.13.5 NXP Semiconductors Recent Developments

4.14 Baikal Electronics

- 4.14.1 Baikal Electronics AI Computing Modules Company Information
- 4.14.2 Baikal Electronics AI Computing Modules Business Overview
- 4.14.3 Baikal Electronics AI Computing Modules Production, Value and Gross Margin (2021-2026)
- 4.14.4 Baikal Electronics Product Portfolio
- 4.14.5 Baikal Electronics Recent Developments

4.15 Samsung

- 4.15.1 Samsung AI Computing Modules Company Information
- 4.15.2 Samsung AI Computing Modules Business Overview
- 4.15.3 Samsung AI Computing Modules Production, Value and Gross Margin (2021-2026)
- 4.15.4 Samsung Product Portfolio
- 4.15.5 Samsung Recent Developments

4.16 MediaTek

- 4.16.1 MediaTek AI Computing Modules Company Information
- 4.16.2 MediaTek AI Computing Modules Business Overview
- 4.16.3 MediaTek AI Computing Modules Production, Value and Gross Margin (2021-2026)
- 4.16.4 MediaTek Product Portfolio
- 4.16.5 MediaTek Recent Developments

4.17 Huawei

4.17.1 Huawei AI Computing Modules Company Information

4.17.2 Huawei AI Computing Modules Business Overview

4.17.3 Huawei AI Computing Modules Production, Value and Gross Margin (2021-2026)

4.17.4 Huawei Product Portfolio

4.17.5 Huawei Recent Developments

4.18 Rockchip

4.18.1 Rockchip AI Computing Modules Company Information

4.18.2 Rockchip AI Computing Modules Business Overview

4.18.3 Rockchip AI Computing Modules Production, Value and Gross Margin (2021-2026)

4.18.4 Rockchip Product Portfolio

4.18.5 Rockchip Recent Developments

5 Global AI Computing Modules Production by Region

5.1 Global AI Computing Modules Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.2 Global AI Computing Modules Production by Region: 2021-2032

5.2.1 Global AI Computing Modules Production by Region: 2021-2026

5.2.2 Global AI Computing Modules Production Forecast by Region (2027-2032)

5.3 Global AI Computing Modules Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.4 Global AI Computing Modules Production Value by Region: 2021-2032

5.4.1 Global AI Computing Modules Production Value by Region: 2021-2026

5.4.2 Global AI Computing Modules Production Value Forecast by Region (2027-2032)

5.5 Global AI Computing Modules Market Price Analysis by Region (2021-2026)

5.6 Global AI Computing Modules Production and Value, YOY Growth

5.6.1 North America AI Computing Modules Production Value Estimates and Forecasts (2021-2032)

5.6.2 Europe AI Computing Modules Production Value Estimates and Forecasts (2021-2032)

5.6.3 China AI Computing Modules Production Value Estimates and Forecasts (2021-2032)

5.6.4 Japan AI Computing Modules Production Value Estimates and Forecasts (2021-2032)

5.6.5 South Korea AI Computing Modules Production Value Estimates and Forecasts (2021-2032)

6 Global AI Computing Modules Consumption by Region

6.1 Global AI Computing Modules Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

6.2 Global AI Computing Modules Consumption by Region (2021-2032)

6.2.1 Global AI Computing Modules Consumption by Region: 2021-2026

6.2.2 Global AI Computing Modules Forecasted Consumption by Region (2027-2032)

6.3 North America

6.3.1 North America AI Computing Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.3.2 North America AI Computing Modules Consumption by Country (2021-2032)

6.3.3 United States

6.3.4 Canada

6.3.5 Mexico

6.4 Europe

6.4.1 Europe AI Computing Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.4.2 Europe AI Computing Modules Consumption by Country (2021-2032)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

- 6.4.8 Spain
- 6.4.9 Netherlands
- 6.4.10 Switzerland
- 6.4.11 Sweden
- 6.4.12 Poland

6.5 Asia Pacific

- 6.5.1 Asia Pacific AI Computing Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
- 6.5.2 Asia Pacific AI Computing Modules Consumption by Country (2021-2032)
- 6.5.3 China
- 6.5.4 Japan
- 6.5.5 South Korea
- 6.5.6 India
- 6.5.7 Australia
- 6.5.8 Taiwan
- 6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

- 6.6.1 South America, Middle East & Africa AI Computing Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
- 6.6.2 South America, Middle East & Africa AI Computing Modules Consumption by Country (2021-2032)
- 6.6.3 Brazil
- 6.6.4 Argentina
- 6.6.5 Chile
- 6.6.6 Turkey
- 6.6.7 GCC Countries

7 Segment by Type

- 7.1 Global AI Computing Modules Production by Type (2021-2032)
 - 7.1.1 Global AI Computing Modules Production by Type (2021-2032) & (k units)
 - 7.1.2 Global AI Computing Modules Production Market Share by Type (2021-2032)
- 7.2 Global AI Computing Modules Production Value by Type (2021-2032)
 - 7.2.1 Global AI Computing Modules Production Value by Type (2021-2032) & (US\$ Million)
 - 7.2.2 Global AI Computing Modules Production Value Market Share by Type (2021-2032)
- 7.3 Global AI Computing Modules Price by Type (2021-2032)

8 Segment by Application

- 8.1 Global AI Computing Modules Production by Application (2021-2032)
 - 8.1.1 Global AI Computing Modules Production by Application (2021-2032) & (k units)
 - 8.1.2 Global AI Computing Modules Production Market Share by Application (2021-2032)
- 8.2 Global AI Computing Modules Production Value by Application (2021-2032)
 - 8.2.1 Global AI Computing Modules Production Value by Application (2021-2032) & (US\$ Million)
 - 8.2.2 Global AI Computing Modules Production Value Market Share by Application (2021-2032)
- 8.3 Global AI Computing Modules Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

- 9.1 AI Computing Modules Value Chain Analysis
 - 9.1.1 AI Computing Modules Key Raw Materials
 - 9.1.2 Raw Materials Key Suppliers
 - 9.1.3 AI Computing Modules Production Mode & Process
- 9.2 AI Computing Modules Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share

9.2.2 AI Computing Modules Distributors

9.2.3 AI Computing Modules Customers

10 Global AI Computing Modules Analyzing Market Dynamics

10.1 AI Computing Modules Industry Trends

10.2 AI Computing Modules Industry Drivers

10.3 AI Computing Modules Industry Opportunities and Challenges

10.4 AI Computing Modules Industry Restraints

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global AI Computing Modules Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global AI Computing Modules Production Market Share by Manufacturers
- Table 7: Global AI Computing Modules Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global AI Computing Modules Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global AI Computing Modules Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global AI Computing Modules Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global AI Computing Modules Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global AI Computing Modules Manufacturers, Product Type & Application
- Table 13: Global AI Computing Modules Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global AI Computing Modules by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: NVIDIA Company Information
- Table 18: NVIDIA Business Overview
- Table 19: NVIDIA AI Computing Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: NVIDIA AI Computing Modules Product Portfolio
- Table 21: NVIDIA Recent Development
- Table 22: Intel Company Information
- Table 23: Intel Business Overview
- Table 24: Intel AI Computing Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: Intel AI Computing Modules Product Portfolio
- Table 26: Intel Recent Development
- Table 27: Qualcomm Company Information
- Table 28: Qualcomm Business Overview
- Table 29: Qualcomm AI Computing Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: Qualcomm AI Computing Modules Product Portfolio
- Table 31: Qualcomm Recent Development
- Table 32: AMD Company Information
- Table 33: AMD Business Overview
- Table 34: AMD AI Computing Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: AMD AI Computing Modules Product Portfolio
- Table 36: AMD Recent Development
- Table 37: Google Company Information
- Table 38: Google Business Overview
- Table 39: Google AI Computing Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: Google AI Computing Modules Product Portfolio
- Table 41: Google Recent Development
- Table 42: Apple Company Information
- Table 43: Apple Business Overview
- Table 44: Apple AI Computing Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: Apple AI Computing Modules Product Portfolio
- Table 46: Apple Recent Development
- Table 47: Micron Technology Company Information
- Table 48: Micron Technology Business Overview

- [Table 49: Micron Technology AI Computing Modules Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 50: Micron Technology AI Computing Modules Product Portfolio](#)
- [Table 51: Micron Technology Recent Development](#)
- [Table 52: Cerebras Systems Company Information](#)
- [Table 53: Cerebras Systems Business Overview](#)
- [Table 54: Cerebras Systems AI Computing Modules Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 55: Cerebras Systems AI Computing Modules Product Portfolio](#)
- [Table 56: Cerebras Systems Recent Development](#)
- [Table 57: Mythic AI Company Information](#)
- [Table 58: Mythic AI Business Overview](#)
- [Table 59: Mythic AI AI Computing Modules Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 60: Mythic AI AI Computing Modules Product Portfolio](#)
- [Table 61: Mythic AI Recent Development](#)
- [Table 62: Kneron Company Information](#)
- [Table 63: Kneron Business Overview](#)
- [Table 64: Kneron AI Computing Modules Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 65: Kneron AI Computing Modules Product Portfolio](#)
- [Table 66: Kneron Recent Development](#)
- [Table 67: Graphcore Company Information](#)
- [Table 68: Graphcore Business Overview](#)
- [Table 69: Graphcore AI Computing Modules Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 70: Graphcore AI Computing Modules Product Portfolio](#)
- [Table 71: Graphcore Recent Development](#)
- [Table 72: Arm Holdings Company Information](#)
- [Table 73: Arm Holdings Business Overview](#)
- [Table 74: Arm Holdings AI Computing Modules Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 75: Arm Holdings AI Computing Modules Product Portfolio](#)
- [Table 76: Arm Holdings Recent Development](#)
- [Table 77: NXP Semiconductors Company Information](#)
- [Table 78: NXP Semiconductors Business Overview](#)
- [Table 79: NXP Semiconductors AI Computing Modules Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 80: NXP Semiconductors AI Computing Modules Product Portfolio](#)
- [Table 81: NXP Semiconductors Recent Development](#)
- [Table 82: Baikal Electronics Company Information](#)
- [Table 83: Baikal Electronics Business Overview](#)
- [Table 84: Baikal Electronics AI Computing Modules Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 85: Baikal Electronics AI Computing Modules Product Portfolio](#)
- [Table 86: Baikal Electronics Recent Development](#)
- [Table 87: Samsung Company Information](#)
- [Table 88: Samsung Business Overview](#)
- [Table 89: Samsung AI Computing Modules Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 90: Samsung AI Computing Modules Product Portfolio](#)
- [Table 91: Samsung Recent Development](#)
- [Table 92: MediaTek Company Information](#)
- [Table 93: MediaTek Business Overview](#)
- [Table 94: MediaTek AI Computing Modules Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 95: MediaTek AI Computing Modules Product Portfolio](#)
- [Table 96: MediaTek Recent Development](#)
- [Table 97: Huawei Company Information](#)
- [Table 98: Huawei Business Overview](#)
- [Table 99: Huawei AI Computing Modules Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 100: Huawei AI Computing Modules Product Portfolio](#)
- [Table 101: Huawei Recent Development](#)
- [Table 102: Rockchip Company Information](#)

- Table 103: Rockchip Business Overview
- Table 104: Rockchip AI Computing Modules Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 105: Rockchip AI Computing Modules Product Portfolio
- Table 106: Rockchip Recent Development
- Table 107: Global AI Computing Modules Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 108: Global AI Computing Modules Production by Region (2021-2026) & (k units)
- Table 109: Global AI Computing Modules Production Market Share by Region (2021-2026)
- Table 110: Global AI Computing Modules Production Forecast by Region (2027-2032) & (k units)
- Table 111: Global AI Computing Modules Production Market Share Forecast by Region (2027-2032)
- Table 112: Global AI Computing Modules Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 113: Global AI Computing Modules Production Value by Region (2021-2026) & (US\$ Million)
- Table 114: Global AI Computing Modules Production Value Market Share by Region (2021-2026)
- Table 115: Global AI Computing Modules Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 116: Global AI Computing Modules Market Average Price (USD/unit) by Region (2021-2026)
- Table 117: Global AI Computing Modules Market Average Price (USD/unit) by Region (2027-2032)
- Table 118: Global AI Computing Modules Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 119: Global AI Computing Modules Consumption by Region (2021-2026) & (k units)
- Table 120: Global AI Computing Modules Consumption Market Share by Region (2021-2026)
- Table 121: Global AI Computing Modules Forecasted Consumption by Region (2027-2032) & (k units)
- Table 122: Global AI Computing Modules Forecasted Consumption Market Share by Region (2027-2032)
- Table 123: North America AI Computing Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 124: North America AI Computing Modules Consumption by Country (2021-2026) & (k units)
- Table 125: North America AI Computing Modules Consumption by Country (2027-2032) & (k units)
- Table 126: Europe AI Computing Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 127: Europe AI Computing Modules Consumption by Country (2021-2026) & (k units)
- Table 128: Europe AI Computing Modules Consumption by Country (2027-2032) & (k units)
- Table 129: Asia Pacific AI Computing Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 130: Asia Pacific AI Computing Modules Consumption by Country (2021-2026) & (k units)
- Table 131: Asia Pacific AI Computing Modules Consumption by Country (2027-2032) & (k units)
- Table 132: South America, Middle East & Africa AI Computing Modules Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 133: South America, Middle East & Africa AI Computing Modules Consumption by Country (2021-2026) & (k units)
- Table 134: South America, Middle East & Africa AI Computing Modules Consumption by Country (2027-2032) & (k units)
- Table 135: Global AI Computing Modules Production by Type (2021-2026) & (k units)
- Table 136: Global AI Computing Modules Production by Type (2027-2032) & (k units)
- Table 137: Global AI Computing Modules Production Market Share by Type (2021-2026)
- Table 138: Global AI Computing Modules Production Market Share by Type (2027-2032)
- Table 139: Global AI Computing Modules Production Value by Type (2021-2026) & (US\$ Million)
- Table 140: Global AI Computing Modules Production Value by Type (2027-2032) & (US\$ Million)
- Table 141: Global AI Computing Modules Production Value Market Share by Type (2021-2026)
- Table 142: Global AI Computing Modules Production Value Market Share by Type (2027-2032)
- Table 143: Global AI Computing Modules Price by Type (2021-2026) & (USD/unit)
- Table 144: Global AI Computing Modules Price by Type (2027-2032) & (USD/unit)
- Table 145: Global AI Computing Modules Production by Application (2021-2026) & (k units)
- Table 146: Global AI Computing Modules Production by Application (2027-2032) & (k units)
- Table 147: Global AI Computing Modules Production Market Share by Application (2021-2026)
- Table 148: Global AI Computing Modules Production Market Share by Application (2027-2032)
- Table 149: Global AI Computing Modules Production Value by Application (2021-2026) & (US\$ Million)
- Table 150: Global AI Computing Modules Production Value by Application (2027-2032) & (US\$ Million)
- Table 151: Global AI Computing Modules Production Value Market Share by Application (2021-2026)
- Table 152: Global AI Computing Modules Production Value Market Share by Application (2027-2032)
- Table 153: Global AI Computing Modules Price by Application (2021-2026) & (USD/unit)
- Table 154: Global AI Computing Modules Price by Application (2027-2032) & (USD/unit)
- Table 155: Key Raw Materials
- Table 156: Raw Materials Key Suppliers
- Table 157: AI Computing Modules Distributors List
- Table 158: AI Computing Modules Customers List
- Table 159: AI Computing Modules Industry Trends
- Table 160: AI Computing Modules Industry Drivers
- Table 161: AI Computing Modules Industry Restraints
- Table 162: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: AI Computing Modules Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: GPU-based AI Modules Product Image
- Figure 7: TPU-based AI Modules Product Image
- Figure 8: FPGA-based AI Modules Product Image
- Figure 9: ASIC-based AI Modules Product Image
- Figure 10: Data Centers Product Image
- Figure 11: Autonomous Vehicles Product Image
- Figure 12: Medical Devices Product Image
- Figure 13: Telecommunications Product Image
- Figure 14: Financial Services Product Image
- Figure 15: Retail & E-commerce Product Image
- Figure 16: Industrial Automation Product Image
- Figure 17: Smart Cities Product Image
- Figure 18: Others Product Image
- Figure 19: Global AI Computing Modules Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 20: Global AI Computing Modules Production Value (2021-2032) & (US\$ Million)
- Figure 21: Global AI Computing Modules Production Capacity (2021-2032) & (k units)
- Figure 22: Global AI Computing Modules Production (2021-2032) & (k units)
- Figure 23: Global AI Computing Modules Average Price (USD/unit) & (2021-2032)
- Figure 24: Global AI Computing Modules Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 25: Global Top 5 and 10 AI Computing Modules Players Market Share by Production Value in 2025
- Figure 26: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 27: Global AI Computing Modules Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 28: Global AI Computing Modules Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 29: Global AI Computing Modules Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 30: Global AI Computing Modules Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 31: North America AI Computing Modules Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 32: Europe AI Computing Modules Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 33: China AI Computing Modules Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 34: Japan AI Computing Modules Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 35: South Korea AI Computing Modules Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 36: Global AI Computing Modules Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 37: Global AI Computing Modules Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 38: North America AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 39: North America AI Computing Modules Consumption Market Share by Country (2021-2032)
- Figure 40: United States AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 41: United States AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 42: Canada AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: Mexico AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 44: Europe AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Europe AI Computing Modules Consumption Market Share by Country (2021-2032)
- Figure 46: Germany AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: France AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: U.K. AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Italy AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: Russia AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 51: Spain AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: Netherlands AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: Switzerland AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 54: Sweden AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Poland AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: Asia Pacific AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: Asia Pacific AI Computing Modules Consumption Market Share by Country (2021-2032)
- Figure 58: China AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 59: Japan AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 60: South Korea AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: India AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: Australia AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 63: Taiwan AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 64: Southeast Asia AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)

- Figure 65: South America, Middle East & Africa AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 66: South America, Middle East & Africa AI Computing Modules Consumption Market Share by Country (2021-2032)
- Figure 67: Brazil AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 68: Argentina AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 69: Chile AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 70: Turkey AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 71: GCC Countries AI Computing Modules Consumption and Growth Rate (2021-2032) & (k units)
- Figure 72: Global AI Computing Modules Production Market Share by Type (2021-2032)
- Figure 73: Global AI Computing Modules Production Value Market Share by Type (2021-2032)
- Figure 74: Global AI Computing Modules Price (USD/unit) by Type (2021-2032)
- Figure 75: Global AI Computing Modules Production Market Share by Application (2021-2032)
- Figure 76: Global AI Computing Modules Production Value Market Share by Application (2021-2032)
- Figure 77: Global AI Computing Modules Price (USD/unit) by Application (2021-2032)
- Figure 78: AI Computing Modules Value Chain
- Figure 79: AI Computing Modules Production Mode & Process
- Figure 80: Direct Comparison with Distribution Share
- Figure 81: Distributors Profiles
- Figure 82: AI Computing Modules Industry Opportunities and Challenges