

Global AI Inference Chip Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G4DCFF3FDB40EN.html>

Date: March 2023

Pages: 106

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

ID: G4DCFF3FDB40EN

Abstracts

The global AI Inference Chip market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

This report studies the global AI Inference Chip production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for AI Inference Chip, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of AI Inference Chip that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global AI Inference Chip total production and demand, 2018-2029, (K Units)

Global AI Inference Chip total production value, 2018-2029, (USD Million)

Global AI Inference Chip production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global AI Inference Chip consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: AI Inference Chip domestic production, consumption, key domestic manufacturers and share

Global AI Inference Chip production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global AI Inference Chip production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global AI Inference Chip production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global AI Inference Chip market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Nvidia, Intel, Xilinx, Google, Amazon, Vastai Technologies(Shanghai), Enflame, Qualcomm and Pingtoug (Shanghai) Semiconductor, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World AI Inference Chip market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global AI Inference Chip Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global AI Inference Chip Market, Segmentation by Type

GPU

FPGA

ASIC

Other

Global AI Inference Chip Market, Segmentation by Application

Data Center

Smart Security

Consumer Electronics

Smart Driving

Other

Companies Profiled:

Nvidia

Intel

Xilinx

Google

Amazon

Vastai Technologies(Shanghai)

Enflame

Qualcomm

Pingtouge (Shanghai) Semiconductor

Kunlun Core (Beijing) Technology

Corerain

Ascend

SOPHGO

Key Questions Answered

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

Contents

1 SUPPLY SUMMARY

- 1.1 AI Inference Chip Introduction
- 1.2 World AI Inference Chip Supply & Forecast
 - 1.2.1 World AI Inference Chip Production Value (2018 & 2022 & 2029)
 - 1.2.2 World AI Inference Chip Production (2018-2029)
 - 1.2.3 World AI Inference Chip Pricing Trends (2018-2029)
- 1.3 World AI Inference Chip Production by Region (Based on Production Site)
 - 1.3.1 World AI Inference Chip Production Value by Region (2018-2029)
 - 1.3.2 World AI Inference Chip Production by Region (2018-2029)
 - 1.3.3 World AI Inference Chip Average Price by Region (2018-2029)
 - 1.3.4 North America AI Inference Chip Production (2018-2029)
 - 1.3.5 Europe AI Inference Chip Production (2018-2029)
 - 1.3.6 China AI Inference Chip Production (2018-2029)
 - 1.3.7 Japan AI Inference Chip Production (2018-2029)
 - 1.3.8 South Korea AI Inference Chip Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 AI Inference Chip Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 AI Inference Chip Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World AI Inference Chip Demand (2018-2029)
- 2.2 World AI Inference Chip Consumption by Region
 - 2.2.1 World AI Inference Chip Consumption by Region (2018-2023)
 - 2.2.2 World AI Inference Chip Consumption Forecast by Region (2024-2029)
- 2.3 United States AI Inference Chip Consumption (2018-2029)
- 2.4 China AI Inference Chip Consumption (2018-2029)
- 2.5 Europe AI Inference Chip Consumption (2018-2029)
- 2.6 Japan AI Inference Chip Consumption (2018-2029)
- 2.7 South Korea AI Inference Chip Consumption (2018-2029)
- 2.8 ASEAN AI Inference Chip Consumption (2018-2029)
- 2.9 India AI Inference Chip Consumption (2018-2029)

3 WORLD AI INFERENCE CHIP MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World AI Inference Chip Production Value by Manufacturer (2018-2023)

3.2 World AI Inference Chip Production by Manufacturer (2018-2023)

3.3 World AI Inference Chip Average Price by Manufacturer (2018-2023)

3.4 AI Inference Chip Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global AI Inference Chip Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for AI Inference Chip in 2022

3.5.3 Global Concentration Ratios (CR8) for AI Inference Chip in 2022

3.6 AI Inference Chip Market: Overall Company Footprint Analysis

3.6.1 AI Inference Chip Market: Region Footprint

3.6.2 AI Inference Chip Market: Company Product Type Footprint

3.6.3 AI Inference Chip Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: AI Inference Chip Production Value Comparison

4.1.1 United States VS China: AI Inference Chip Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: AI Inference Chip Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: AI Inference Chip Production Comparison

4.2.1 United States VS China: AI Inference Chip Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: AI Inference Chip Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: AI Inference Chip Consumption Comparison

4.3.1 United States VS China: AI Inference Chip Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: AI Inference Chip Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based AI Inference Chip Manufacturers and Market Share, 2018-2023

4.4.1 United States Based AI Inference Chip Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers AI Inference Chip Production Value (2018-2023)

4.4.3 United States Based Manufacturers AI Inference Chip Production (2018-2023)

4.5 China Based AI Inference Chip Manufacturers and Market Share

4.5.1 China Based AI Inference Chip Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers AI Inference Chip Production Value (2018-2023)

4.5.3 China Based Manufacturers AI Inference Chip Production (2018-2023)

4.6 Rest of World Based AI Inference Chip Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based AI Inference Chip Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers AI Inference Chip Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers AI Inference Chip Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World AI Inference Chip Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 GPU

5.2.2 FPGA

5.2.3 ASIC

5.2.4 Other

5.3 Market Segment by Type

5.3.1 World AI Inference Chip Production by Type (2018-2029)

5.3.2 World AI Inference Chip Production Value by Type (2018-2029)

5.3.3 World AI Inference Chip Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World AI Inference Chip Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Data Center

6.2.2 Smart Security

6.2.3 Consumer Electronics

6.2.4 Smart Driving

6.2.5 Other

6.3 Market Segment by Application

6.3.1 World AI Inference Chip Production by Application (2018-2029)

6.3.2 World AI Inference Chip Production Value by Application (2018-2029)

6.3.3 World AI Inference Chip Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Nvidia

7.1.1 Nvidia Details

7.1.2 Nvidia Major Business

7.1.3 Nvidia AI Inference Chip Product and Services

7.1.4 Nvidia AI Inference Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Nvidia Recent Developments/Updates

7.1.6 Nvidia Competitive Strengths & Weaknesses

7.2 Intel

7.2.1 Intel Details

7.2.2 Intel Major Business

7.2.3 Intel AI Inference Chip Product and Services

7.2.4 Intel AI Inference Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Intel Recent Developments/Updates

7.2.6 Intel Competitive Strengths & Weaknesses

7.3 Xilinx

7.3.1 Xilinx Details

7.3.2 Xilinx Major Business

7.3.3 Xilinx AI Inference Chip Product and Services

7.3.4 Xilinx AI Inference Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Xilinx Recent Developments/Updates

7.3.6 Xilinx Competitive Strengths & Weaknesses

7.4 Google

7.4.1 Google Details

7.4.2 Google Major Business

7.4.3 Google AI Inference Chip Product and Services

7.4.4 Google AI Inference Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Google Recent Developments/Updates

7.4.6 Google Competitive Strengths & Weaknesses

7.5 Amazon

7.5.1 Amazon Details

7.5.2 Amazon Major Business

7.5.3 Amazon AI Inference Chip Product and Services

7.5.4 Amazon AI Inference Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Amazon Recent Developments/Updates

7.5.6 Amazon Competitive Strengths & Weaknesses

7.6 Vastai Technologies(Shanghai)

7.6.1 Vastai Technologies(Shanghai) Details

7.6.2 Vastai Technologies(Shanghai) Major Business

7.6.3 Vastai Technologies(Shanghai) AI Inference Chip Product and Services

7.6.4 Vastai Technologies(Shanghai) AI Inference Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Vastai Technologies(Shanghai) Recent Developments/Updates

7.6.6 Vastai Technologies(Shanghai) Competitive Strengths & Weaknesses

7.7 Enflame

7.7.1 Enflame Details

7.7.2 Enflame Major Business

7.7.3 Enflame AI Inference Chip Product and Services

7.7.4 Enflame AI Inference Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Enflame Recent Developments/Updates

7.7.6 Enflame Competitive Strengths & Weaknesses

7.8 Qualcomm

7.8.1 Qualcomm Details

7.8.2 Qualcomm Major Business

7.8.3 Qualcomm AI Inference Chip Product and Services

7.8.4 Qualcomm AI Inference Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Qualcomm Recent Developments/Updates

7.8.6 Qualcomm Competitive Strengths & Weaknesses

7.9 Pingtoug (Shanghai) Semiconductor

7.9.1 Pingtoug (Shanghai) Semiconductor Details

7.9.2 Pingtoug (Shanghai) Semiconductor Major Business

- 7.9.3 Pingtoug (Shanghai) Semiconductor AI Inference Chip Product and Services
- 7.9.4 Pingtoug (Shanghai) Semiconductor AI Inference Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.9.5 Pingtoug (Shanghai) Semiconductor Recent Developments/Updates
- 7.9.6 Pingtoug (Shanghai) Semiconductor Competitive Strengths & Weaknesses
- 7.10 Kunlun Core (Beijing) Technology
 - 7.10.1 Kunlun Core (Beijing) Technology Details
 - 7.10.2 Kunlun Core (Beijing) Technology Major Business
 - 7.10.3 Kunlun Core (Beijing) Technology AI Inference Chip Product and Services
 - 7.10.4 Kunlun Core (Beijing) Technology AI Inference Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Kunlun Core (Beijing) Technology Recent Developments/Updates
 - 7.10.6 Kunlun Core (Beijing) Technology Competitive Strengths & Weaknesses
- 7.11 Corerain
 - 7.11.1 Corerain Details
 - 7.11.2 Corerain Major Business
 - 7.11.3 Corerain AI Inference Chip Product and Services
 - 7.11.4 Corerain AI Inference Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Corerain Recent Developments/Updates
 - 7.11.6 Corerain Competitive Strengths & Weaknesses
- 7.12 Ascend
 - 7.12.1 Ascend Details
 - 7.12.2 Ascend Major Business
 - 7.12.3 Ascend AI Inference Chip Product and Services
 - 7.12.4 Ascend AI Inference Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 Ascend Recent Developments/Updates
 - 7.12.6 Ascend Competitive Strengths & Weaknesses
- 7.13 SOPHGO
 - 7.13.1 SOPHGO Details
 - 7.13.2 SOPHGO Major Business
 - 7.13.3 SOPHGO AI Inference Chip Product and Services
 - 7.13.4 SOPHGO AI Inference Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.13.5 SOPHGO Recent Developments/Updates
 - 7.13.6 SOPHGO Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 AI Inference Chip Industry Chain
- 8.2 AI Inference Chip Upstream Analysis
 - 8.2.1 AI Inference Chip Core Raw Materials
 - 8.2.2 Main Manufacturers of AI Inference Chip Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 AI Inference Chip Production Mode
- 8.6 AI Inference Chip Procurement Model
- 8.7 AI Inference Chip Industry Sales Model and Sales Channels
 - 8.7.1 AI Inference Chip Sales Model
 - 8.7.2 AI Inference Chip Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World AI Inference Chip Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World AI Inference Chip Production Value by Region (2018-2023) & (USD Million)
- Table 3. World AI Inference Chip Production Value by Region (2024-2029) & (USD Million)
- Table 4. World AI Inference Chip Production Value Market Share by Region (2018-2023)
- Table 5. World AI Inference Chip Production Value Market Share by Region (2024-2029)
- Table 6. World AI Inference Chip Production by Region (2018-2023) & (K Units)
- Table 7. World AI Inference Chip Production by Region (2024-2029) & (K Units)
- Table 8. World AI Inference Chip Production Market Share by Region (2018-2023)
- Table 9. World AI Inference Chip Production Market Share by Region (2024-2029)
- Table 10. World AI Inference Chip Average Price by Region (2018-2023) & (US\$/Unit)
- Table 11. World AI Inference Chip Average Price by Region (2024-2029) & (US\$/Unit)
- Table 12. AI Inference Chip Major Market Trends
- Table 13. World AI Inference Chip Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)
- Table 14. World AI Inference Chip Consumption by Region (2018-2023) & (K Units)
- Table 15. World AI Inference Chip Consumption Forecast by Region (2024-2029) & (K Units)
- Table 16. World AI Inference Chip Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key AI Inference Chip Producers in 2022
- Table 18. World AI Inference Chip Production by Manufacturer (2018-2023) & (K Units)
- Table 19. Production Market Share of Key AI Inference Chip Producers in 2022
- Table 20. World AI Inference Chip Average Price by Manufacturer (2018-2023) & (US\$/Unit)
- Table 21. Global AI Inference Chip Company Evaluation Quadrant
- Table 22. World AI Inference Chip Industry Rank of Major Manufacturers, Based on Production Value in 2022
- Table 23. Head Office and AI Inference Chip Production Site of Key Manufacturer
- Table 24. AI Inference Chip Market: Company Product Type Footprint
- Table 25. AI Inference Chip Market: Company Product Application Footprint

Table 26. AI Inference Chip Competitive Factors

Table 27. AI Inference Chip New Entrant and Capacity Expansion Plans

Table 28. AI Inference Chip Mergers & Acquisitions Activity

Table 29. United States VS China AI Inference Chip Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China AI Inference Chip Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China AI Inference Chip Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based AI Inference Chip Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers AI Inference Chip Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers AI Inference Chip Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers AI Inference Chip Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers AI Inference Chip Production Market Share (2018-2023)

Table 37. China Based AI Inference Chip Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers AI Inference Chip Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers AI Inference Chip Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers AI Inference Chip Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers AI Inference Chip Production Market Share (2018-2023)

Table 42. Rest of World Based AI Inference Chip Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers AI Inference Chip Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers AI Inference Chip Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers AI Inference Chip Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers AI Inference Chip Production Market Share (2018-2023)

Table 47. World AI Inference Chip Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World AI Inference Chip Production by Type (2018-2023) & (K Units)

Table 49. World AI Inference Chip Production by Type (2024-2029) & (K Units)

Table 50. World AI Inference Chip Production Value by Type (2018-2023) & (USD Million)

Table 51. World AI Inference Chip Production Value by Type (2024-2029) & (USD Million)

Table 52. World AI Inference Chip Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World AI Inference Chip Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World AI Inference Chip Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World AI Inference Chip Production by Application (2018-2023) & (K Units)

Table 56. World AI Inference Chip Production by Application (2024-2029) & (K Units)

Table 57. World AI Inference Chip Production Value by Application (2018-2023) & (USD Million)

Table 58. World AI Inference Chip Production Value by Application (2024-2029) & (USD Million)

Table 59. World AI Inference Chip Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World AI Inference Chip Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Nvidia Basic Information, Manufacturing Base and Competitors

Table 62. Nvidia Major Business

Table 63. Nvidia AI Inference Chip Product and Services

Table 64. Nvidia AI Inference Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Nvidia Recent Developments/Updates

Table 66. Nvidia Competitive Strengths & Weaknesses

Table 67. Intel Basic Information, Manufacturing Base and Competitors

Table 68. Intel Major Business

Table 69. Intel AI Inference Chip Product and Services

Table 70. Intel AI Inference Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Intel Recent Developments/Updates

Table 72. Intel Competitive Strengths & Weaknesses

Table 73. Xilinx Basic Information, Manufacturing Base and Competitors

Table 74. Xilinx Major Business

Table 75. Xilinx AI Inference Chip Product and Services

Table 76. Xilinx AI Inference Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 77. Xilinx Recent Developments/Updates
Table 78. Xilinx Competitive Strengths & Weaknesses
Table 79. Google Basic Information, Manufacturing Base and Competitors
Table 80. Google Major Business
Table 81. Google AI Inference Chip Product and Services
Table 82. Google AI Inference Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 83. Google Recent Developments/Updates
Table 84. Google Competitive Strengths & Weaknesses
Table 85. Amazon Basic Information, Manufacturing Base and Competitors
Table 86. Amazon Major Business
Table 87. Amazon AI Inference Chip Product and Services
Table 88. Amazon AI Inference Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 89. Amazon Recent Developments/Updates
Table 90. Amazon Competitive Strengths & Weaknesses
Table 91. Vastai Technologies(Shanghai) Basic Information, Manufacturing Base and Competitors
Table 92. Vastai Technologies(Shanghai) Major Business
Table 93. Vastai Technologies(Shanghai) AI Inference Chip Product and Services
Table 94. Vastai Technologies(Shanghai) AI Inference Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 95. Vastai Technologies(Shanghai) Recent Developments/Updates
Table 96. Vastai Technologies(Shanghai) Competitive Strengths & Weaknesses
Table 97. Enflame Basic Information, Manufacturing Base and Competitors
Table 98. Enflame Major Business
Table 99. Enflame AI Inference Chip Product and Services
Table 100. Enflame AI Inference Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 101. Enflame Recent Developments/Updates
Table 102. Enflame Competitive Strengths & Weaknesses
Table 103. Qualcomm Basic Information, Manufacturing Base and Competitors
Table 104. Qualcomm Major Business
Table 105. Qualcomm AI Inference Chip Product and Services
Table 106. Qualcomm AI Inference Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Qualcomm Recent Developments/Updates
Table 108. Qualcomm Competitive Strengths & Weaknesses
Table 109. Pingtoug (Shanghai) Semiconductor Basic Information, Manufacturing Base and Competitors
Table 110. Pingtoug (Shanghai) Semiconductor Major Business
Table 111. Pingtoug (Shanghai) Semiconductor AI Inference Chip Product and Services
Table 112. Pingtoug (Shanghai) Semiconductor AI Inference Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 113. Pingtoug (Shanghai) Semiconductor Recent Developments/Updates
Table 114. Pingtoug (Shanghai) Semiconductor Competitive Strengths & Weaknesses
Table 115. Kunlun Core (Beijing) Technology Basic Information, Manufacturing Base and Competitors
Table 116. Kunlun Core (Beijing) Technology Major Business
Table 117. Kunlun Core (Beijing) Technology AI Inference Chip Product and Services
Table 118. Kunlun Core (Beijing) Technology AI Inference Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 119. Kunlun Core (Beijing) Technology Recent Developments/Updates
Table 120. Kunlun Core (Beijing) Technology Competitive Strengths & Weaknesses
Table 121. Corerain Basic Information, Manufacturing Base and Competitors
Table 122. Corerain Major Business
Table 123. Corerain AI Inference Chip Product and Services
Table 124. Corerain AI Inference Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 125. Corerain Recent Developments/Updates
Table 126. Corerain Competitive Strengths & Weaknesses
Table 127. Ascend Basic Information, Manufacturing Base and Competitors
Table 128. Ascend Major Business
Table 129. Ascend AI Inference Chip Product and Services
Table 130. Ascend AI Inference Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 131. Ascend Recent Developments/Updates
Table 132. SOPHGO Basic Information, Manufacturing Base and Competitors
Table 133. SOPHGO Major Business
Table 134. SOPHGO AI Inference Chip Product and Services
Table 135. SOPHGO AI Inference Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 136. Global Key Players of AI Inference Chip Upstream (Raw Materials)

Table 137. AI Inference Chip Typical Customers

Table 138. AI Inference Chip Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. AI Inference Chip Picture

Figure 2. World AI Inference Chip Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World AI Inference Chip Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World AI Inference Chip Production (2018-2029) & (K Units)

Figure 5. World AI Inference Chip Average Price (2018-2029) & (US\$/Unit)

Figure 6. World AI Inference Chip Production Value Market Share by Region (2018-2029)

Figure 7. World AI Inference Chip Production Market Share by Region (2018-2029)

Figure 8. North America AI Inference Chip Production (2018-2029) & (K Units)

Figure 9. Europe AI Inference Chip Production (2018-2029) & (K Units)

Figure 10. China AI Inference Chip Production (2018-2029) & (K Units)

Figure 11. Japan AI Inference Chip Production (2018-2029) & (K Units)

Figure 12. South Korea AI Inference Chip Production (2018-2029) & (K Units)

Figure 13. AI Inference Chip Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World AI Inference Chip Consumption (2018-2029) & (K Units)

Figure 16. World AI Inference Chip Consumption Market Share by Region (2018-2029)

Figure 17. United States AI Inference Chip Consumption (2018-2029) & (K Units)

Figure 18. China AI Inference Chip Consumption (2018-2029) & (K Units)

Figure 19. Europe AI Inference Chip Consumption (2018-2029) & (K Units)

Figure 20. Japan AI Inference Chip Consumption (2018-2029) & (K Units)

Figure 21. South Korea AI Inference Chip Consumption (2018-2029) & (K Units)

Figure 22. ASEAN AI Inference Chip Consumption (2018-2029) & (K Units)

Figure 23. India AI Inference Chip Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of AI Inference Chip by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for AI Inference Chip Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for AI Inference Chip Markets in 2022

Figure 27. United States VS China: AI Inference Chip Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: AI Inference Chip Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: AI Inference Chip Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers AI Inference Chip Production Market Share 2022

Figure 31. China Based Manufacturers AI Inference Chip Production Market Share 2022

Figure 32. Rest of World Based Manufacturers AI Inference Chip Production Market Share 2022

Figure 33. World AI Inference Chip Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World AI Inference Chip Production Value Market Share by Type in 2022

Figure 35. GPU

Figure 36. FPGA

Figure 37. ASIC

Figure 38. Other

Figure 39. World AI Inference Chip Production Market Share by Type (2018-2029)

Figure 40. World AI Inference Chip Production Value Market Share by Type (2018-2029)

Figure 41. World AI Inference Chip Average Price by Type (2018-2029) & (US\$/Unit)

Figure 42. World AI Inference Chip Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 43. World AI Inference Chip Production Value Market Share by Application in 2022

Figure 44. Data Center

Figure 45. Smart Security

Figure 46. Consumer Electronics

Figure 47. Smart Driving

Figure 48. Other

Figure 49. World AI Inference Chip Production Market Share by Application (2018-2029)

Figure 50. World AI Inference Chip Production Value Market Share by Application (2018-2029)

Figure 51. World AI Inference Chip Average Price by Application (2018-2029) & (US\$/Unit)

Figure 52. AI Inference Chip Industry Chain

Figure 53. AI Inference Chip Procurement Model

Figure 54. AI Inference Chip Sales Model

Figure 55. AI Inference Chip Sales Channels, Direct Sales, and Distribution

Figure 56. Methodology

Figure 57. Research Process and Data Source

I would like to order

Product name: Global AI Inference Chip Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G4DCFF3FDB40EN.html>

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G4DCFF3FDB40EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970