

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

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Abstracts

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

The AI server chip is an integrated circuit chip specially designed for artificial intelligence computing tasks, with a high degree of parallel computing capability, low power consumption and high memory bandwidth. These chips are equipped with specific hardware accelerators to speed up the training and inference process of deep learning, machine learning and other artificial intelligence applications.

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

This report is a detailed and comprehensive analysis of the world market for AI Server 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 Server Chip that contribute to its increasing demand across many markets.

Highlights and key features of the study

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

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

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

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

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

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

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

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

This reports profiles key players in the global AI Server 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, AMD, Huawei, Qualcomm, IBM, MediaTek, Inspur and Cerebras, 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 Server 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 Server Chip Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global AI Server Chip Market, Segmentation by Type

GPU

FPGA

ASIC

Brain-like Chip

Global AI Server Chip Market, Segmentation by Application

Natural Language Processing

Computer Vision

Speech Recognition

Autopilot

Others

Companies Profiled:

NVIDIA

Intel

AMD

Huawei

Qualcomm

IBM

MediaTek

Inspur

Cerebras

Ampere

Graphcore

Bitmain

Groq

Cambrian

Beijing Horizon Robotics Technology Development Co., Ltd.

Key Questions Answered

1. How big is the global AI Server Chip market?
2. What is the demand of the global AI Server Chip market?

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

Contents

1 SUPPLY SUMMARY

- 1.1 AI Server Chip Introduction
- 1.2 World AI Server Chip Supply & Forecast
 - 1.2.1 World AI Server Chip Production Value (2018 & 2022 & 2029)
 - 1.2.2 World AI Server Chip Production (2018-2029)
 - 1.2.3 World AI Server Chip Pricing Trends (2018-2029)
- 1.3 World AI Server Chip Production by Region (Based on Production Site)
 - 1.3.1 World AI Server Chip Production Value by Region (2018-2029)
 - 1.3.2 World AI Server Chip Production by Region (2018-2029)
 - 1.3.3 World AI Server Chip Average Price by Region (2018-2029)
 - 1.3.4 North America AI Server Chip Production (2018-2029)
 - 1.3.5 Europe AI Server Chip Production (2018-2029)
 - 1.3.6 China AI Server Chip Production (2018-2029)
 - 1.3.7 Japan AI Server Chip Production (2018-2029)
 - 1.3.8 South Korea AI Server Chip Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 AI Server Chip Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 AI Server 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 Server Chip Demand (2018-2029)
- 2.2 World AI Server Chip Consumption by Region
 - 2.2.1 World AI Server Chip Consumption by Region (2018-2023)
 - 2.2.2 World AI Server Chip Consumption Forecast by Region (2024-2029)
- 2.3 United States AI Server Chip Consumption (2018-2029)
- 2.4 China AI Server Chip Consumption (2018-2029)
- 2.5 Europe AI Server Chip Consumption (2018-2029)
- 2.6 Japan AI Server Chip Consumption (2018-2029)
- 2.7 South Korea AI Server Chip Consumption (2018-2029)
- 2.8 ASEAN AI Server Chip Consumption (2018-2029)
- 2.9 India AI Server Chip Consumption (2018-2029)

3 WORLD AI SERVER CHIP MANUFACTURERS COMPETITIVE ANALYSIS

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

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

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

3.4 AI Server Chip Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global AI Server Chip Industry Rank of Major Manufacturers

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

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

3.6 AI Server Chip Market: Overall Company Footprint Analysis

3.6.1 AI Server Chip Market: Region Footprint

3.6.2 AI Server Chip Market: Company Product Type Footprint

3.6.3 AI Server 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 Server Chip Production Value Comparison

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

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

4.2 United States VS China: AI Server Chip Production Comparison

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

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

4.3 United States VS China: AI Server Chip Consumption Comparison

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

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

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

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

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

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

4.5 China Based AI Server Chip Manufacturers and Market Share

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

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

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

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

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

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

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

5 MARKET ANALYSIS BY TYPE

5.1 World AI Server 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 Brain-like Chip

5.3 Market Segment by Type

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

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

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

6 MARKET ANALYSIS BY APPLICATION

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

6.2 Segment Introduction by Application

6.2.1 Natural Language Processing

6.2.2 Computer Vision

6.2.3 Speech Recognition

6.2.4 Autopilot

6.2.5 Others

6.3 Market Segment by Application

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

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

6.3.3 World AI Server 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 Server Chip Product and Services

7.1.4 NVIDIA AI Server 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 Server Chip Product and Services

7.2.4 Intel AI Server 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 AMD

7.3.1 AMD Details

7.3.2 AMD Major Business

7.3.3 AMD AI Server Chip Product and Services

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

7.3.5 AMD Recent Developments/Updates

7.3.6 AMD Competitive Strengths & Weaknesses

7.4 Huawei

7.4.1 Huawei Details

7.4.2 Huawei Major Business

7.4.3 Huawei AI Server Chip Product and Services

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

7.4.5 Huawei Recent Developments/Updates

- 7.4.6 Huawei Competitive Strengths & Weaknesses
- 7.5 Qualcomm
 - 7.5.1 Qualcomm Details
 - 7.5.2 Qualcomm Major Business
 - 7.5.3 Qualcomm AI Server Chip Product and Services
 - 7.5.4 Qualcomm AI Server Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Qualcomm Recent Developments/Updates
 - 7.5.6 Qualcomm Competitive Strengths & Weaknesses
- 7.6 IBM
 - 7.6.1 IBM Details
 - 7.6.2 IBM Major Business
 - 7.6.3 IBM AI Server Chip Product and Services
 - 7.6.4 IBM AI Server Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 IBM Recent Developments/Updates
 - 7.6.6 IBM Competitive Strengths & Weaknesses
- 7.7 MediaTek
 - 7.7.1 MediaTek Details
 - 7.7.2 MediaTek Major Business
 - 7.7.3 MediaTek AI Server Chip Product and Services
 - 7.7.4 MediaTek AI Server Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 MediaTek Recent Developments/Updates
 - 7.7.6 MediaTek Competitive Strengths & Weaknesses
- 7.8 Inspur
 - 7.8.1 Inspur Details
 - 7.8.2 Inspur Major Business
 - 7.8.3 Inspur AI Server Chip Product and Services
 - 7.8.4 Inspur AI Server Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Inspur Recent Developments/Updates
 - 7.8.6 Inspur Competitive Strengths & Weaknesses
- 7.9 Cerebras
 - 7.9.1 Cerebras Details
 - 7.9.2 Cerebras Major Business
 - 7.9.3 Cerebras AI Server Chip Product and Services
 - 7.9.4 Cerebras AI Server Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.9.5 Cerebras Recent Developments/Updates
- 7.9.6 Cerebras Competitive Strengths & Weaknesses
- 7.10 Ampere
 - 7.10.1 Ampere Details
 - 7.10.2 Ampere Major Business
 - 7.10.3 Ampere AI Server Chip Product and Services
 - 7.10.4 Ampere AI Server Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Ampere Recent Developments/Updates
 - 7.10.6 Ampere Competitive Strengths & Weaknesses
- 7.11 Graphcore
 - 7.11.1 Graphcore Details
 - 7.11.2 Graphcore Major Business
 - 7.11.3 Graphcore AI Server Chip Product and Services
 - 7.11.4 Graphcore AI Server Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Graphcore Recent Developments/Updates
 - 7.11.6 Graphcore Competitive Strengths & Weaknesses
- 7.12 Bitmain
 - 7.12.1 Bitmain Details
 - 7.12.2 Bitmain Major Business
 - 7.12.3 Bitmain AI Server Chip Product and Services
 - 7.12.4 Bitmain AI Server Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 Bitmain Recent Developments/Updates
 - 7.12.6 Bitmain Competitive Strengths & Weaknesses
- 7.13 Groq
 - 7.13.1 Groq Details
 - 7.13.2 Groq Major Business
 - 7.13.3 Groq AI Server Chip Product and Services
 - 7.13.4 Groq AI Server Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.13.5 Groq Recent Developments/Updates
 - 7.13.6 Groq Competitive Strengths & Weaknesses
- 7.14 Cambrian
 - 7.14.1 Cambrian Details
 - 7.14.2 Cambrian Major Business
 - 7.14.3 Cambrian AI Server Chip Product and Services
 - 7.14.4 Cambrian AI Server Chip Production, Price, Value, Gross Margin and Market

Share (2018-2023)

7.14.5 Cambrian Recent Developments/Updates

7.14.6 Cambrian Competitive Strengths & Weaknesses

7.15 Beijing Horizon Robotics Technology Development Co., Ltd.

7.15.1 Beijing Horizon Robotics Technology Development Co., Ltd. Details

7.15.2 Beijing Horizon Robotics Technology Development Co., Ltd. Major Business

7.15.3 Beijing Horizon Robotics Technology Development Co., Ltd. AI Server Chip Product and Services

7.15.4 Beijing Horizon Robotics Technology Development Co., Ltd. AI Server Chip Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.15.5 Beijing Horizon Robotics Technology Development Co., Ltd. Recent Developments/Updates

7.15.6 Beijing Horizon Robotics Technology Development Co., Ltd. Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 AI Server Chip Industry Chain

8.2 AI Server Chip Upstream Analysis

8.2.1 AI Server Chip Core Raw Materials

8.2.2 Main Manufacturers of AI Server Chip Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 AI Server Chip Production Mode

8.6 AI Server Chip Procurement Model

8.7 AI Server Chip Industry Sales Model and Sales Channels

8.7.1 AI Server Chip Sales Model

8.7.2 AI Server 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 Server Chip Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World AI Server Chip Production Value by Region (2018-2023) & (USD Million)
- Table 3. World AI Server Chip Production Value by Region (2024-2029) & (USD Million)
- Table 4. World AI Server Chip Production Value Market Share by Region (2018-2023)
- Table 5. World AI Server Chip Production Value Market Share by Region (2024-2029)
- Table 6. World AI Server Chip Production by Region (2018-2023) & (K Units)
- Table 7. World AI Server Chip Production by Region (2024-2029) & (K Units)
- Table 8. World AI Server Chip Production Market Share by Region (2018-2023)
- Table 9. World AI Server Chip Production Market Share by Region (2024-2029)
- Table 10. World AI Server Chip Average Price by Region (2018-2023) & (US\$/Unit)
- Table 11. World AI Server Chip Average Price by Region (2024-2029) & (US\$/Unit)
- Table 12. AI Server Chip Major Market Trends
- Table 13. World AI Server Chip Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)
- Table 14. World AI Server Chip Consumption by Region (2018-2023) & (K Units)
- Table 15. World AI Server Chip Consumption Forecast by Region (2024-2029) & (K Units)
- Table 16. World AI Server Chip Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key AI Server Chip Producers in 2022
- Table 18. World AI Server Chip Production by Manufacturer (2018-2023) & (K Units)
- Table 19. Production Market Share of Key AI Server Chip Producers in 2022
- Table 20. World AI Server Chip Average Price by Manufacturer (2018-2023) & (US\$/Unit)
- Table 21. Global AI Server Chip Company Evaluation Quadrant
- Table 22. World AI Server Chip Industry Rank of Major Manufacturers, Based on Production Value in 2022
- Table 23. Head Office and AI Server Chip Production Site of Key Manufacturer
- Table 24. AI Server Chip Market: Company Product Type Footprint
- Table 25. AI Server Chip Market: Company Product Application Footprint
- Table 26. AI Server Chip Competitive Factors
- Table 27. AI Server Chip New Entrant and Capacity Expansion Plans
- Table 28. AI Server Chip Mergers & Acquisitions Activity
- Table 29. United States VS China AI Server Chip Production Value Comparison, (2018

& 2022 & 2029) & (USD Million)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 60. World AI Server 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 Server Chip Product and Services

Table 64. NVIDIA AI Server 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 Server Chip Product and Services

Table 70. Intel AI Server 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. AMD Basic Information, Manufacturing Base and Competitors

Table 74. AMD Major Business

Table 75. AMD AI Server Chip Product and Services

Table 76. AMD AI Server Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. AMD Recent Developments/Updates

Table 78. AMD Competitive Strengths & Weaknesses

Table 79. Huawei Basic Information, Manufacturing Base and Competitors

Table 80. Huawei Major Business

Table 81. Huawei AI Server Chip Product and Services

Table 82. Huawei AI Server Chip Production (K Units), Price (US\$/Unit), Production

Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Huawei Recent Developments/Updates

Table 84. Huawei Competitive Strengths & Weaknesses

Table 85. Qualcomm Basic Information, Manufacturing Base and Competitors

Table 86. Qualcomm Major Business

Table 87. Qualcomm AI Server Chip Product and Services

Table 88. Qualcomm AI Server Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Qualcomm Recent Developments/Updates

Table 90. Qualcomm Competitive Strengths & Weaknesses

Table 91. IBM Basic Information, Manufacturing Base and Competitors

Table 92. IBM Major Business

Table 93. IBM AI Server Chip Product and Services

Table 94. IBM AI Server Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. IBM Recent Developments/Updates

Table 96. IBM Competitive Strengths & Weaknesses

Table 97. MediaTek Basic Information, Manufacturing Base and Competitors

Table 98. MediaTek Major Business

Table 99. MediaTek AI Server Chip Product and Services

Table 100. MediaTek AI Server Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. MediaTek Recent Developments/Updates

Table 102. MediaTek Competitive Strengths & Weaknesses

Table 103. Inspur Basic Information, Manufacturing Base and Competitors

Table 104. Inspur Major Business

Table 105. Inspur AI Server Chip Product and Services

Table 106. Inspur AI Server Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Inspur Recent Developments/Updates

Table 108. Inspur Competitive Strengths & Weaknesses

Table 109. Cerebras Basic Information, Manufacturing Base and Competitors

Table 110. Cerebras Major Business

Table 111. Cerebras AI Server Chip Product and Services

Table 112. Cerebras AI Server Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Cerebras Recent Developments/Updates

Table 114. Cerebras Competitive Strengths & Weaknesses

Table 115. Ampere Basic Information, Manufacturing Base and Competitors

- Table 116. Ampere Major Business
- Table 117. Ampere AI Server Chip Product and Services
- Table 118. Ampere AI Server Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Ampere Recent Developments/Updates
- Table 120. Ampere Competitive Strengths & Weaknesses
- Table 121. Graphcore Basic Information, Manufacturing Base and Competitors
- Table 122. Graphcore Major Business
- Table 123. Graphcore AI Server Chip Product and Services
- Table 124. Graphcore AI Server Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 125. Graphcore Recent Developments/Updates
- Table 126. Graphcore Competitive Strengths & Weaknesses
- Table 127. Bitmain Basic Information, Manufacturing Base and Competitors
- Table 128. Bitmain Major Business
- Table 129. Bitmain AI Server Chip Product and Services
- Table 130. Bitmain AI Server Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. Bitmain Recent Developments/Updates
- Table 132. Bitmain Competitive Strengths & Weaknesses
- Table 133. Groq Basic Information, Manufacturing Base and Competitors
- Table 134. Groq Major Business
- Table 135. Groq AI Server Chip Product and Services
- Table 136. Groq AI Server Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 137. Groq Recent Developments/Updates
- Table 138. Groq Competitive Strengths & Weaknesses
- Table 139. Cambrian Basic Information, Manufacturing Base and Competitors
- Table 140. Cambrian Major Business
- Table 141. Cambrian AI Server Chip Product and Services
- Table 142. Cambrian AI Server Chip Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 143. Cambrian Recent Developments/Updates
- Table 144. Beijing Horizon Robotics Technology Development Co., Ltd. Basic Information, Manufacturing Base and Competitors
- Table 145. Beijing Horizon Robotics Technology Development Co., Ltd. Major Business
- Table 146. Beijing Horizon Robotics Technology Development Co., Ltd. AI Server Chip Product and Services
- Table 147. Beijing Horizon Robotics Technology Development Co., Ltd. AI Server Chip

Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 148. Global Key Players of AI Server Chip Upstream (Raw Materials)

Table 149. AI Server Chip Typical Customers

Table 150. AI Server Chip Typical Distributors

List of Figure

Figure 1. AI Server Chip Picture

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

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

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

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

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

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

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

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

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

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

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

Figure 13. AI Server Chip Market Drivers

Figure 14. Factors Affecting Demand

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

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

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

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

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

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

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

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

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

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

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

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

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

Figure 28. United States VS China: AI Server Chip Production Market Share

Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: AI Server Chip Consumption Market Share

Comparison (2018 & 2022 & 2029)

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

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

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

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

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

Figure 35. GPU

Figure 36. FPGA

Figure 37. ASIC

Figure 38. Brain-like Chip

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

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

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

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

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

Figure 44. Natural Language Processing

Figure 45. Computer Vision

Figure 46. Speech Recognition

Figure 47. Autopilot

Figure 48. Others

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

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

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

Figure 52. AI Server Chip Industry Chain

Figure 53. AI Server Chip Procurement Model

Figure 54. AI Server Chip Sales Model

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

Figure 56. Methodology

Figure 57. Research Process and Data Source

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