

Global Neural Processing Unit (NPU) Supply, Demand and Key Producers, 2023-2029

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Abstracts

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

A Field Programmable Logic Device (FPLD) is a programmable logic device that can be reconfigured to perform different logic functions. An FPLD typically consists of a programmable logic array (PLA) and programmable input/output (I/O) units. The PLA is a matrix of programmable logic gates that can be reconfigured to perform different logic functions. The I/O units are used to connect to other circuits and provide input and output functions. FPLDs are commonly used in digital circuit design, such as in embedded systems, to implement control logic, state machines, and data paths, among other functions.

This report studies the global Neural Processing Unit (NPU) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Neural Processing Unit (NPU), 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 Neural Processing Unit (NPU) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Neural Processing Unit (NPU) total production and demand, 2018-2029, (K Units)

Global Neural Processing Unit (NPU) total production value, 2018-2029, (USD Million)

Global Neural Processing Unit (NPU) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Neural Processing Unit (NPU) consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Neural Processing Unit (NPU) domestic production, consumption, key domestic manufacturers and share

Global Neural Processing Unit (NPU) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Neural Processing Unit (NPU) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Neural Processing Unit (NPU) production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Neural Processing Unit (NPU) 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, Qualcomm, Google, Huawei, Apple, Samsung, Siemens and Microsoft, 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 Neural Processing Unit (NPU) 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 Neural Processing Unit (NPU) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Neural Processing Unit (NPU) Market, Segmentation by Type

Compute NPU

Memory NPU

Control NPU

Global Neural Processing Unit (NPU) Market, Segmentation by Application

Consumer Electronics

Automotive Industrial

Automation Industrial

Others

Companies Profiled:

NVIDIA

Intel

Qualcomm

Google

Huawei

Apple

Samsung

Siemens

Microsoft

Arm

Hailo

Seeing Machines

OMNIVISION

Key Questions Answered

1. How big is the global Neural Processing Unit (NPU) market?
2. What is the demand of the global Neural Processing Unit (NPU) market?
3. What is the year over year growth of the global Neural Processing Unit (NPU) market?

4. What is the production and production value of the global Neural Processing Unit (NPU) market?
5. Who are the key producers in the global Neural Processing Unit (NPU) market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

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

- 2.8 ASEAN Neural Processing Unit (NPU) Consumption (2018-2029)
- 2.9 India Neural Processing Unit (NPU) Consumption (2018-2029)

3 WORLD NEURAL PROCESSING UNIT (NPU) MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Neural Processing Unit (NPU) Production Value by Manufacturer (2018-2023)
- 3.2 World Neural Processing Unit (NPU) Production by Manufacturer (2018-2023)
- 3.3 World Neural Processing Unit (NPU) Average Price by Manufacturer (2018-2023)
- 3.4 Neural Processing Unit (NPU) Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Neural Processing Unit (NPU) Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Neural Processing Unit (NPU) in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Neural Processing Unit (NPU) in 2022
- 3.6 Neural Processing Unit (NPU) Market: Overall Company Footprint Analysis
 - 3.6.1 Neural Processing Unit (NPU) Market: Region Footprint
 - 3.6.2 Neural Processing Unit (NPU) Market: Company Product Type Footprint
 - 3.6.3 Neural Processing Unit (NPU) 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: Neural Processing Unit (NPU) Production Value Comparison
 - 4.1.1 United States VS China: Neural Processing Unit (NPU) Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Neural Processing Unit (NPU) Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Neural Processing Unit (NPU) Production Comparison
 - 4.2.1 United States VS China: Neural Processing Unit (NPU) Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: Neural Processing Unit (NPU) Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Neural Processing Unit (NPU) Consumption Comparison

- 4.3.1 United States VS China: Neural Processing Unit (NPU) Consumption Comparison (2018 & 2022 & 2029)
- 4.3.2 United States VS China: Neural Processing Unit (NPU) Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based Neural Processing Unit (NPU) Manufacturers and Market Share, 2018-2023
 - 4.4.1 United States Based Neural Processing Unit (NPU) Manufacturers, Headquarters and Production Site (States, Country)
 - 4.4.2 United States Based Manufacturers Neural Processing Unit (NPU) Production Value (2018-2023)
 - 4.4.3 United States Based Manufacturers Neural Processing Unit (NPU) Production (2018-2023)
- 4.5 China Based Neural Processing Unit (NPU) Manufacturers and Market Share
 - 4.5.1 China Based Neural Processing Unit (NPU) Manufacturers, Headquarters and Production Site (Province, Country)
 - 4.5.2 China Based Manufacturers Neural Processing Unit (NPU) Production Value (2018-2023)
 - 4.5.3 China Based Manufacturers Neural Processing Unit (NPU) Production (2018-2023)
- 4.6 Rest of World Based Neural Processing Unit (NPU) Manufacturers and Market Share, 2018-2023
 - 4.6.1 Rest of World Based Neural Processing Unit (NPU) Manufacturers, Headquarters and Production Site (State, Country)
 - 4.6.2 Rest of World Based Manufacturers Neural Processing Unit (NPU) Production Value (2018-2023)
 - 4.6.3 Rest of World Based Manufacturers Neural Processing Unit (NPU) Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

- 5.1 World Neural Processing Unit (NPU) Market Size Overview by Type: 2018 VS 2022 VS 2029
- 5.2 Segment Introduction by Type
 - 5.2.1 Compute NPU
 - 5.2.2 Memory NPU
 - 5.2.3 Control NPU
- 5.3 Market Segment by Type
 - 5.3.1 World Neural Processing Unit (NPU) Production by Type (2018-2029)
 - 5.3.2 World Neural Processing Unit (NPU) Production Value by Type (2018-2029)

5.3.3 World Neural Processing Unit (NPU) Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Neural Processing Unit (NPU) Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Consumer Electronics

6.2.2 Automotive Industrial

6.2.3 Automation Industrial

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Neural Processing Unit (NPU) Production by Application (2018-2029)

6.3.2 World Neural Processing Unit (NPU) Production Value by Application (2018-2029)

6.3.3 World Neural Processing Unit (NPU) 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 Neural Processing Unit (NPU) Product and Services

7.1.4 NVIDIA Neural Processing Unit (NPU) 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 Neural Processing Unit (NPU) Product and Services

7.2.4 Intel Neural Processing Unit (NPU) 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 Qualcomm

7.3.1 Qualcomm Details

7.3.2 Qualcomm Major Business

7.3.3 Qualcomm Neural Processing Unit (NPU) Product and Services

7.3.4 Qualcomm Neural Processing Unit (NPU) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Qualcomm Recent Developments/Updates

7.3.6 Qualcomm Competitive Strengths & Weaknesses

7.4 Google

7.4.1 Google Details

7.4.2 Google Major Business

7.4.3 Google Neural Processing Unit (NPU) Product and Services

7.4.4 Google Neural Processing Unit (NPU) 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 Huawei

7.5.1 Huawei Details

7.5.2 Huawei Major Business

7.5.3 Huawei Neural Processing Unit (NPU) Product and Services

7.5.4 Huawei Neural Processing Unit (NPU) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Huawei Recent Developments/Updates

7.5.6 Huawei Competitive Strengths & Weaknesses

7.6 Apple

7.6.1 Apple Details

7.6.2 Apple Major Business

7.6.3 Apple Neural Processing Unit (NPU) Product and Services

7.6.4 Apple Neural Processing Unit (NPU) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 Apple Recent Developments/Updates

7.6.6 Apple Competitive Strengths & Weaknesses

7.7 Samsung

7.7.1 Samsung Details

7.7.2 Samsung Major Business

7.7.3 Samsung Neural Processing Unit (NPU) Product and Services

7.7.4 Samsung Neural Processing Unit (NPU) Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Samsung Recent Developments/Updates

7.7.6 Samsung Competitive Strengths & Weaknesses

7.8 Siemens

7.8.1 Siemens Details

7.8.2 Siemens Major Business

- 7.8.3 Siemens Neural Processing Unit (NPU) Product and Services
- 7.8.4 Siemens Neural Processing Unit (NPU) Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.8.5 Siemens Recent Developments/Updates
- 7.8.6 Siemens Competitive Strengths & Weaknesses
- 7.9 Microsoft
 - 7.9.1 Microsoft Details
 - 7.9.2 Microsoft Major Business
 - 7.9.3 Microsoft Neural Processing Unit (NPU) Product and Services
 - 7.9.4 Microsoft Neural Processing Unit (NPU) Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 Microsoft Recent Developments/Updates
 - 7.9.6 Microsoft Competitive Strengths & Weaknesses
- 7.10 Arm
 - 7.10.1 Arm Details
 - 7.10.2 Arm Major Business
 - 7.10.3 Arm Neural Processing Unit (NPU) Product and Services
 - 7.10.4 Arm Neural Processing Unit (NPU) Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Arm Recent Developments/Updates
 - 7.10.6 Arm Competitive Strengths & Weaknesses
- 7.11 Hailo
 - 7.11.1 Hailo Details
 - 7.11.2 Hailo Major Business
 - 7.11.3 Hailo Neural Processing Unit (NPU) Product and Services
 - 7.11.4 Hailo Neural Processing Unit (NPU) Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Hailo Recent Developments/Updates
 - 7.11.6 Hailo Competitive Strengths & Weaknesses
- 7.12 Seeing Machines
 - 7.12.1 Seeing Machines Details
 - 7.12.2 Seeing Machines Major Business
 - 7.12.3 Seeing Machines Neural Processing Unit (NPU) Product and Services
 - 7.12.4 Seeing Machines Neural Processing Unit (NPU) Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 Seeing Machines Recent Developments/Updates
 - 7.12.6 Seeing Machines Competitive Strengths & Weaknesses
- 7.13 OMNIVISION
 - 7.13.1 OMNIVISION Details

- 7.13.2 OMNIVISION Major Business
- 7.13.3 OMNIVISION Neural Processing Unit (NPU) Product and Services
- 7.13.4 OMNIVISION Neural Processing Unit (NPU) Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.13.5 OMNIVISION Recent Developments/Updates
- 7.13.6 OMNIVISION Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Neural Processing Unit (NPU) Industry Chain
- 8.2 Neural Processing Unit (NPU) Upstream Analysis
 - 8.2.1 Neural Processing Unit (NPU) Core Raw Materials
 - 8.2.2 Main Manufacturers of Neural Processing Unit (NPU) Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Neural Processing Unit (NPU) Production Mode
- 8.6 Neural Processing Unit (NPU) Procurement Model
- 8.7 Neural Processing Unit (NPU) Industry Sales Model and Sales Channels
 - 8.7.1 Neural Processing Unit (NPU) Sales Model
 - 8.7.2 Neural Processing Unit (NPU) 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 Neural Processing Unit (NPU) Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Neural Processing Unit (NPU) Production Value by Region (2018-2023) & (USD Million)

Table 3. World Neural Processing Unit (NPU) Production Value by Region (2024-2029) & (USD Million)

Table 4. World Neural Processing Unit (NPU) Production Value Market Share by Region (2018-2023)

Table 5. World Neural Processing Unit (NPU) Production Value Market Share by Region (2024-2029)

Table 6. World Neural Processing Unit (NPU) Production by Region (2018-2023) & (K Units)

Table 7. World Neural Processing Unit (NPU) Production by Region (2024-2029) & (K Units)

Table 8. World Neural Processing Unit (NPU) Production Market Share by Region (2018-2023)

Table 9. World Neural Processing Unit (NPU) Production Market Share by Region (2024-2029)

Table 10. World Neural Processing Unit (NPU) Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Neural Processing Unit (NPU) Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Neural Processing Unit (NPU) Major Market Trends

Table 13. World Neural Processing Unit (NPU) Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Neural Processing Unit (NPU) Consumption by Region (2018-2023) & (K Units)

Table 15. World Neural Processing Unit (NPU) Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Neural Processing Unit (NPU) Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Neural Processing Unit (NPU) Producers in 2022

Table 18. World Neural Processing Unit (NPU) Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Neural Processing Unit (NPU) Producers in 2022

Table 20. World Neural Processing Unit (NPU) Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Neural Processing Unit (NPU) Company Evaluation Quadrant

Table 22. World Neural Processing Unit (NPU) Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Neural Processing Unit (NPU) Production Site of Key Manufacturer

Table 24. Neural Processing Unit (NPU) Market: Company Product Type Footprint

Table 25. Neural Processing Unit (NPU) Market: Company Product Application Footprint

Table 26. Neural Processing Unit (NPU) Competitive Factors

Table 27. Neural Processing Unit (NPU) New Entrant and Capacity Expansion Plans

Table 28. Neural Processing Unit (NPU) Mergers & Acquisitions Activity

Table 29. United States VS China Neural Processing Unit (NPU) Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Neural Processing Unit (NPU) Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Neural Processing Unit (NPU) Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Neural Processing Unit (NPU) Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Neural Processing Unit (NPU) Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Neural Processing Unit (NPU) Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Neural Processing Unit (NPU) Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Neural Processing Unit (NPU) Production Market Share (2018-2023)

Table 37. China Based Neural Processing Unit (NPU) Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Neural Processing Unit (NPU) Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Neural Processing Unit (NPU) Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Neural Processing Unit (NPU) Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Neural Processing Unit (NPU) Production Market Share (2018-2023)

Table 42. Rest of World Based Neural Processing Unit (NPU) Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Neural Processing Unit (NPU) Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Neural Processing Unit (NPU) Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Neural Processing Unit (NPU) Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Neural Processing Unit (NPU) Production Market Share (2018-2023)

Table 47. World Neural Processing Unit (NPU) Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Neural Processing Unit (NPU) Production by Type (2018-2023) & (K Units)

Table 49. World Neural Processing Unit (NPU) Production by Type (2024-2029) & (K Units)

Table 50. World Neural Processing Unit (NPU) Production Value by Type (2018-2023) & (USD Million)

Table 51. World Neural Processing Unit (NPU) Production Value by Type (2024-2029) & (USD Million)

Table 52. World Neural Processing Unit (NPU) Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Neural Processing Unit (NPU) Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Neural Processing Unit (NPU) Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Neural Processing Unit (NPU) Production by Application (2018-2023) & (K Units)

Table 56. World Neural Processing Unit (NPU) Production by Application (2024-2029) & (K Units)

Table 57. World Neural Processing Unit (NPU) Production Value by Application (2018-2023) & (USD Million)

Table 58. World Neural Processing Unit (NPU) Production Value by Application (2024-2029) & (USD Million)

Table 59. World Neural Processing Unit (NPU) Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Neural Processing Unit (NPU) 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 Neural Processing Unit (NPU) Product and Services

Table 64. NVIDIA Neural Processing Unit (NPU) 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 Neural Processing Unit (NPU) Product and Services

Table 70. Intel Neural Processing Unit (NPU) 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. Qualcomm Basic Information, Manufacturing Base and Competitors

Table 74. Qualcomm Major Business

Table 75. Qualcomm Neural Processing Unit (NPU) Product and Services

Table 76. Qualcomm Neural Processing Unit (NPU) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Qualcomm Recent Developments/Updates

Table 78. Qualcomm Competitive Strengths & Weaknesses

Table 79. Google Basic Information, Manufacturing Base and Competitors

Table 80. Google Major Business

Table 81. Google Neural Processing Unit (NPU) Product and Services

Table 82. Google Neural Processing Unit (NPU) 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. Huawei Basic Information, Manufacturing Base and Competitors

Table 86. Huawei Major Business

Table 87. Huawei Neural Processing Unit (NPU) Product and Services

Table 88. Huawei Neural Processing Unit (NPU) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Huawei Recent Developments/Updates

Table 90. Huawei Competitive Strengths & Weaknesses

Table 91. Apple Basic Information, Manufacturing Base and Competitors

Table 92. Apple Major Business

- Table 93. Apple Neural Processing Unit (NPU) Product and Services
- Table 94. Apple Neural Processing Unit (NPU) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Apple Recent Developments/Updates
- Table 96. Apple Competitive Strengths & Weaknesses
- Table 97. Samsung Basic Information, Manufacturing Base and Competitors
- Table 98. Samsung Major Business
- Table 99. Samsung Neural Processing Unit (NPU) Product and Services
- Table 100. Samsung Neural Processing Unit (NPU) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Samsung Recent Developments/Updates
- Table 102. Samsung Competitive Strengths & Weaknesses
- Table 103. Siemens Basic Information, Manufacturing Base and Competitors
- Table 104. Siemens Major Business
- Table 105. Siemens Neural Processing Unit (NPU) Product and Services
- Table 106. Siemens Neural Processing Unit (NPU) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Siemens Recent Developments/Updates
- Table 108. Siemens Competitive Strengths & Weaknesses
- Table 109. Microsoft Basic Information, Manufacturing Base and Competitors
- Table 110. Microsoft Major Business
- Table 111. Microsoft Neural Processing Unit (NPU) Product and Services
- Table 112. Microsoft Neural Processing Unit (NPU) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Microsoft Recent Developments/Updates
- Table 114. Microsoft Competitive Strengths & Weaknesses
- Table 115. Arm Basic Information, Manufacturing Base and Competitors
- Table 116. Arm Major Business
- Table 117. Arm Neural Processing Unit (NPU) Product and Services
- Table 118. Arm Neural Processing Unit (NPU) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. Arm Recent Developments/Updates
- Table 120. Arm Competitive Strengths & Weaknesses
- Table 121. Hailo Basic Information, Manufacturing Base and Competitors
- Table 122. Hailo Major Business
- Table 123. Hailo Neural Processing Unit (NPU) Product and Services

Table 124. Hailo Neural Processing Unit (NPU) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Hailo Recent Developments/Updates

Table 126. Hailo Competitive Strengths & Weaknesses

Table 127. Seeing Machines Basic Information, Manufacturing Base and Competitors

Table 128. Seeing Machines Major Business

Table 129. Seeing Machines Neural Processing Unit (NPU) Product and Services

Table 130. Seeing Machines Neural Processing Unit (NPU) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Seeing Machines Recent Developments/Updates

Table 132. OMNIVISION Basic Information, Manufacturing Base and Competitors

Table 133. OMNIVISION Major Business

Table 134. OMNIVISION Neural Processing Unit (NPU) Product and Services

Table 135. OMNIVISION Neural Processing Unit (NPU) Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 136. Global Key Players of Neural Processing Unit (NPU) Upstream (Raw Materials)

Table 137. Neural Processing Unit (NPU) Typical Customers

Table 138. Neural Processing Unit (NPU) Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Neural Processing Unit (NPU) Picture

Figure 2. World Neural Processing Unit (NPU) Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Neural Processing Unit (NPU) Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Neural Processing Unit (NPU) Production (2018-2029) & (K Units)

Figure 5. World Neural Processing Unit (NPU) Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Neural Processing Unit (NPU) Production Value Market Share by Region (2018-2029)

Figure 7. World Neural Processing Unit (NPU) Production Market Share by Region (2018-2029)

Figure 8. North America Neural Processing Unit (NPU) Production (2018-2029) & (K Units)

Figure 9. Europe Neural Processing Unit (NPU) Production (2018-2029) & (K Units)

Figure 10. China Neural Processing Unit (NPU) Production (2018-2029) & (K Units)

Figure 11. Japan Neural Processing Unit (NPU) Production (2018-2029) & (K Units)

Figure 12. South Korea Neural Processing Unit (NPU) Production (2018-2029) & (K Units)

Figure 13. Neural Processing Unit (NPU) Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Neural Processing Unit (NPU) Consumption (2018-2029) & (K Units)

Figure 16. World Neural Processing Unit (NPU) Consumption Market Share by Region (2018-2029)

Figure 17. United States Neural Processing Unit (NPU) Consumption (2018-2029) & (K Units)

Figure 18. China Neural Processing Unit (NPU) Consumption (2018-2029) & (K Units)

Figure 19. Europe Neural Processing Unit (NPU) Consumption (2018-2029) & (K Units)

Figure 20. Japan Neural Processing Unit (NPU) Consumption (2018-2029) & (K Units)

Figure 21. South Korea Neural Processing Unit (NPU) Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Neural Processing Unit (NPU) Consumption (2018-2029) & (K Units)

Figure 23. India Neural Processing Unit (NPU) Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of Neural Processing Unit (NPU) by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Neural Processing Unit

(NPU) Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Neural Processing Unit (NPU) Markets in 2022

Figure 27. United States VS China: Neural Processing Unit (NPU) Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Neural Processing Unit (NPU) Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Neural Processing Unit (NPU) Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Neural Processing Unit (NPU) Production Market Share 2022

Figure 31. China Based Manufacturers Neural Processing Unit (NPU) Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Neural Processing Unit (NPU) Production Market Share 2022

Figure 33. World Neural Processing Unit (NPU) Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Neural Processing Unit (NPU) Production Value Market Share by Type in 2022

Figure 35. Compute NPU

Figure 36. Memory NPU

Figure 37. Control NPU

Figure 38. World Neural Processing Unit (NPU) Production Market Share by Type (2018-2029)

Figure 39. World Neural Processing Unit (NPU) Production Value Market Share by Type (2018-2029)

Figure 40. World Neural Processing Unit (NPU) Average Price by Type (2018-2029) & (US\$/Unit)

Figure 41. World Neural Processing Unit (NPU) Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 42. World Neural Processing Unit (NPU) Production Value Market Share by Application in 2022

Figure 43. Consumer Electronics

Figure 44. Automotive Industrial

Figure 45. Automation Industrial

Figure 46. Others

Figure 47. World Neural Processing Unit (NPU) Production Market Share by Application (2018-2029)

Figure 48. World Neural Processing Unit (NPU) Production Value Market Share by

Application (2018-2029)

Figure 49. World Neural Processing Unit (NPU) Average Price by Application (2018-2029) & (US\$/Unit)

Figure 50. Neural Processing Unit (NPU) Industry Chain

Figure 51. Neural Processing Unit (NPU) Procurement Model

Figure 52. Neural Processing Unit (NPU) Sales Model

Figure 53. Neural Processing Unit (NPU) Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

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