

# Global Neural Network Chip Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G42FA707410EEN.html>

Date: September 2023

Pages: 96

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

ID: G42FA707410EEN

## Abstracts

According to our (Global Info Research) latest study, the global Neural Network Chip market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

The Global Info Research report includes an overview of the development of the Neural Network Chip industry chain, the market status of Computer Vision (Training Chip, Inference Chip), Natural Language Processing (Training Chip, Inference Chip), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Neural Network Chip.

Regionally, the report analyzes the Neural Network Chip markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Neural Network Chip market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Neural Network Chip market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Neural Network Chip industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Training Chip, Inference Chip).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Neural Network Chip market.

**Regional Analysis:** The report involves examining the Neural Network Chip market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Neural Network Chip market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Neural Network Chip:

**Company Analysis:** Report covers individual Neural Network Chip manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Neural Network Chip This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Computer Vision, Natural Language Processing).

**Technology Analysis:** Report covers specific technologies relevant to Neural Network Chip. It assesses the current state, advancements, and potential future developments in Neural Network Chip areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Neural Network Chip market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

### Market Segmentation

Neural Network Chip market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Training Chip

Inference Chip

### Market segment by Application

Computer Vision

Natural Language Processing

Intelligent Driving

Human-computer Interaction

Medical

Environmental Monitoring

Others

### Major players covered

IBM

Intel Corporation

NVIDIA

Google

AMD

STMicroelectronics

NXP Semiconductors

Qualcomm

HiSilicon

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Neural Network Chip product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Neural Network Chip, with price, sales, revenue and global market share of Neural Network Chip from 2018 to 2023.

Chapter 3, the Neural Network Chip competitive situation, sales quantity, revenue and

global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Neural Network Chip breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Neural Network Chip market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Neural Network Chip.

Chapter 14 and 15, to describe Neural Network Chip sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of Neural Network Chip

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Neural Network Chip Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 Training Chip

1.3.3 Inference Chip

1.4 Market Analysis by Application

1.4.1 Overview: Global Neural Network Chip Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Computer Vision

1.4.3 Natural Language Processing

1.4.4 Intelligent Driving

1.4.5 Human-computer Interaction

1.4.6 Medical

1.4.7 Environmental Monitoring

1.4.8 Others

1.5 Global Neural Network Chip Market Size & Forecast

1.5.1 Global Neural Network Chip Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Neural Network Chip Sales Quantity (2018-2029)

1.5.3 Global Neural Network Chip Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

2.1 IBM

2.1.1 IBM Details

2.1.2 IBM Major Business

2.1.3 IBM Neural Network Chip Product and Services

2.1.4 IBM Neural Network Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 IBM Recent Developments/Updates

2.2 Intel Corporation

2.2.1 Intel Corporation Details

2.2.2 Intel Corporation Major Business

2.2.3 Intel Corporation Neural Network Chip Product and Services

2.2.4 Intel Corporation Neural Network Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 Intel Corporation Recent Developments/Updates

2.3 NVIDIA

2.3.1 NVIDIA Details

2.3.2 NVIDIA Major Business

2.3.3 NVIDIA Neural Network Chip Product and Services

2.3.4 NVIDIA Neural Network Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 NVIDIA Recent Developments/Updates

2.4 Google

2.4.1 Google Details

2.4.2 Google Major Business

2.4.3 Google Neural Network Chip Product and Services

2.4.4 Google Neural Network Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 Google Recent Developments/Updates

2.5 AMD

2.5.1 AMD Details

2.5.2 AMD Major Business

2.5.3 AMD Neural Network Chip Product and Services

2.5.4 AMD Neural Network Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 AMD Recent Developments/Updates

2.6 STMicroelectronics

2.6.1 STMicroelectronics Details

2.6.2 STMicroelectronics Major Business

2.6.3 STMicroelectronics Neural Network Chip Product and Services

2.6.4 STMicroelectronics Neural Network Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 STMicroelectronics Recent Developments/Updates

2.7 NXP Semiconductors

2.7.1 NXP Semiconductors Details

2.7.2 NXP Semiconductors Major Business

2.7.3 NXP Semiconductors Neural Network Chip Product and Services

2.7.4 NXP Semiconductors Neural Network Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 NXP Semiconductors Recent Developments/Updates

2.8 Qualcomm

- 2.8.1 Qualcomm Details
- 2.8.2 Qualcomm Major Business
- 2.8.3 Qualcomm Neural Network Chip Product and Services
- 2.8.4 Qualcomm Neural Network Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.8.5 Qualcomm Recent Developments/Updates
- 2.9 HiSilicon
  - 2.9.1 HiSilicon Details
  - 2.9.2 HiSilicon Major Business
  - 2.9.3 HiSilicon Neural Network Chip Product and Services
  - 2.9.4 HiSilicon Neural Network Chip Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.9.5 HiSilicon Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: NEURAL NETWORK CHIP BY MANUFACTURER**

- 3.1 Global Neural Network Chip Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Neural Network Chip Revenue by Manufacturer (2018-2023)
- 3.3 Global Neural Network Chip Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
  - 3.4.1 Producer Shipments of Neural Network Chip by Manufacturer Revenue (\$MM) and Market Share (%): 2022
  - 3.4.2 Top 3 Neural Network Chip Manufacturer Market Share in 2022
  - 3.4.2 Top 6 Neural Network Chip Manufacturer Market Share in 2022
- 3.5 Neural Network Chip Market: Overall Company Footprint Analysis
  - 3.5.1 Neural Network Chip Market: Region Footprint
  - 3.5.2 Neural Network Chip Market: Company Product Type Footprint
  - 3.5.3 Neural Network Chip Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Neural Network Chip Market Size by Region
  - 4.1.1 Global Neural Network Chip Sales Quantity by Region (2018-2029)
  - 4.1.2 Global Neural Network Chip Consumption Value by Region (2018-2029)
  - 4.1.3 Global Neural Network Chip Average Price by Region (2018-2029)
- 4.2 North America Neural Network Chip Consumption Value (2018-2029)
- 4.3 Europe Neural Network Chip Consumption Value (2018-2029)



- 4.4 Asia-Pacific Neural Network Chip Consumption Value (2018-2029)
- 4.5 South America Neural Network Chip Consumption Value (2018-2029)
- 4.6 Middle East and Africa Neural Network Chip Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Neural Network Chip Sales Quantity by Type (2018-2029)
- 5.2 Global Neural Network Chip Consumption Value by Type (2018-2029)
- 5.3 Global Neural Network Chip Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Neural Network Chip Sales Quantity by Application (2018-2029)
- 6.2 Global Neural Network Chip Consumption Value by Application (2018-2029)
- 6.3 Global Neural Network Chip Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

- 7.1 North America Neural Network Chip Sales Quantity by Type (2018-2029)
- 7.2 North America Neural Network Chip Sales Quantity by Application (2018-2029)
- 7.3 North America Neural Network Chip Market Size by Country
  - 7.3.1 North America Neural Network Chip Sales Quantity by Country (2018-2029)
  - 7.3.2 North America Neural Network Chip Consumption Value by Country (2018-2029)
  - 7.3.3 United States Market Size and Forecast (2018-2029)
  - 7.3.4 Canada Market Size and Forecast (2018-2029)
  - 7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

- 8.1 Europe Neural Network Chip Sales Quantity by Type (2018-2029)
- 8.2 Europe Neural Network Chip Sales Quantity by Application (2018-2029)
- 8.3 Europe Neural Network Chip Market Size by Country
  - 8.3.1 Europe Neural Network Chip Sales Quantity by Country (2018-2029)
  - 8.3.2 Europe Neural Network Chip Consumption Value by Country (2018-2029)
  - 8.3.3 Germany Market Size and Forecast (2018-2029)
  - 8.3.4 France Market Size and Forecast (2018-2029)
  - 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
  - 8.3.6 Russia Market Size and Forecast (2018-2029)
  - 8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

- 9.1 Asia-Pacific Neural Network Chip Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Neural Network Chip Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Neural Network Chip Market Size by Region
  - 9.3.1 Asia-Pacific Neural Network Chip Sales Quantity by Region (2018-2029)
  - 9.3.2 Asia-Pacific Neural Network Chip Consumption Value by Region (2018-2029)
  - 9.3.3 China Market Size and Forecast (2018-2029)
  - 9.3.4 Japan Market Size and Forecast (2018-2029)
  - 9.3.5 Korea Market Size and Forecast (2018-2029)
  - 9.3.6 India Market Size and Forecast (2018-2029)
  - 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
  - 9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

- 10.1 South America Neural Network Chip Sales Quantity by Type (2018-2029)
- 10.2 South America Neural Network Chip Sales Quantity by Application (2018-2029)
- 10.3 South America Neural Network Chip Market Size by Country
  - 10.3.1 South America Neural Network Chip Sales Quantity by Country (2018-2029)
  - 10.3.2 South America Neural Network Chip Consumption Value by Country (2018-2029)
  - 10.3.3 Brazil Market Size and Forecast (2018-2029)
  - 10.3.4 Argentina Market Size and Forecast (2018-2029)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Neural Network Chip Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Neural Network Chip Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Neural Network Chip Market Size by Country
  - 11.3.1 Middle East & Africa Neural Network Chip Sales Quantity by Country (2018-2029)
  - 11.3.2 Middle East & Africa Neural Network Chip Consumption Value by Country (2018-2029)
  - 11.3.3 Turkey Market Size and Forecast (2018-2029)
  - 11.3.4 Egypt Market Size and Forecast (2018-2029)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

### 11.3.6 South Africa Market Size and Forecast (2018-2029)

## **12 MARKET DYNAMICS**

- 12.1 Neural Network Chip Market Drivers
- 12.2 Neural Network Chip Market Restraints
- 12.3 Neural Network Chip Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Neural Network Chip and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Neural Network Chip
- 13.3 Neural Network Chip Production Process
- 13.4 Neural Network Chip Industrial Chain

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Neural Network Chip Typical Distributors
- 14.3 Neural Network Chip Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Neural Network Chip Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Neural Network Chip Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. IBM Basic Information, Manufacturing Base and Competitors

Table 4. IBM Major Business

Table 5. IBM Neural Network Chip Product and Services

Table 6. IBM Neural Network Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. IBM Recent Developments/Updates

Table 8. Intel Corporation Basic Information, Manufacturing Base and Competitors

Table 9. Intel Corporation Major Business

Table 10. Intel Corporation Neural Network Chip Product and Services

Table 11. Intel Corporation Neural Network Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Intel Corporation Recent Developments/Updates

Table 13. NVIDIA Basic Information, Manufacturing Base and Competitors

Table 14. NVIDIA Major Business

Table 15. NVIDIA Neural Network Chip Product and Services

Table 16. NVIDIA Neural Network Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. NVIDIA Recent Developments/Updates

Table 18. Google Basic Information, Manufacturing Base and Competitors

Table 19. Google Major Business

Table 20. Google Neural Network Chip Product and Services

Table 21. Google Neural Network Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Google Recent Developments/Updates

Table 23. AMD Basic Information, Manufacturing Base and Competitors

Table 24. AMD Major Business

Table 25. AMD Neural Network Chip Product and Services

Table 26. AMD Neural Network Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. AMD Recent Developments/Updates

Table 28. STMicroelectronics Basic Information, Manufacturing Base and Competitors

- Table 29. STMicroelectronics Major Business
- Table 30. STMicroelectronics Neural Network Chip Product and Services
- Table 31. STMicroelectronics Neural Network Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 32. STMicroelectronics Recent Developments/Updates
- Table 33. NXP Semiconductors Basic Information, Manufacturing Base and Competitors
- Table 34. NXP Semiconductors Major Business
- Table 35. NXP Semiconductors Neural Network Chip Product and Services
- Table 36. NXP Semiconductors Neural Network Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 37. NXP Semiconductors Recent Developments/Updates
- Table 38. Qualcomm Basic Information, Manufacturing Base and Competitors
- Table 39. Qualcomm Major Business
- Table 40. Qualcomm Neural Network Chip Product and Services
- Table 41. Qualcomm Neural Network Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 42. Qualcomm Recent Developments/Updates
- Table 43. HiSilicon Basic Information, Manufacturing Base and Competitors
- Table 44. HiSilicon Major Business
- Table 45. HiSilicon Neural Network Chip Product and Services
- Table 46. HiSilicon Neural Network Chip Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 47. HiSilicon Recent Developments/Updates
- Table 48. Global Neural Network Chip Sales Quantity by Manufacturer (2018-2023) & (K Units)
- Table 49. Global Neural Network Chip Revenue by Manufacturer (2018-2023) & (USD Million)
- Table 50. Global Neural Network Chip Average Price by Manufacturer (2018-2023) & (US\$/Unit)
- Table 51. Market Position of Manufacturers in Neural Network Chip, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022
- Table 52. Head Office and Neural Network Chip Production Site of Key Manufacturer
- Table 53. Neural Network Chip Market: Company Product Type Footprint
- Table 54. Neural Network Chip Market: Company Product Application Footprint
- Table 55. Neural Network Chip New Market Entrants and Barriers to Market Entry
- Table 56. Neural Network Chip Mergers, Acquisition, Agreements, and Collaborations
- Table 57. Global Neural Network Chip Sales Quantity by Region (2018-2023) & (K Units)

Table 58. Global Neural Network Chip Sales Quantity by Region (2024-2029) & (K Units)

Table 59. Global Neural Network Chip Consumption Value by Region (2018-2023) & (USD Million)

Table 60. Global Neural Network Chip Consumption Value by Region (2024-2029) & (USD Million)

Table 61. Global Neural Network Chip Average Price by Region (2018-2023) & (US\$/Unit)

Table 62. Global Neural Network Chip Average Price by Region (2024-2029) & (US\$/Unit)

Table 63. Global Neural Network Chip Sales Quantity by Type (2018-2023) & (K Units)

Table 64. Global Neural Network Chip Sales Quantity by Type (2024-2029) & (K Units)

Table 65. Global Neural Network Chip Consumption Value by Type (2018-2023) & (USD Million)

Table 66. Global Neural Network Chip Consumption Value by Type (2024-2029) & (USD Million)

Table 67. Global Neural Network Chip Average Price by Type (2018-2023) & (US\$/Unit)

Table 68. Global Neural Network Chip Average Price by Type (2024-2029) & (US\$/Unit)

Table 69. Global Neural Network Chip Sales Quantity by Application (2018-2023) & (K Units)

Table 70. Global Neural Network Chip Sales Quantity by Application (2024-2029) & (K Units)

Table 71. Global Neural Network Chip Consumption Value by Application (2018-2023) & (USD Million)

Table 72. Global Neural Network Chip Consumption Value by Application (2024-2029) & (USD Million)

Table 73. Global Neural Network Chip Average Price by Application (2018-2023) & (US\$/Unit)

Table 74. Global Neural Network Chip Average Price by Application (2024-2029) & (US\$/Unit)

Table 75. North America Neural Network Chip Sales Quantity by Type (2018-2023) & (K Units)

Table 76. North America Neural Network Chip Sales Quantity by Type (2024-2029) & (K Units)

Table 77. North America Neural Network Chip Sales Quantity by Application (2018-2023) & (K Units)

Table 78. North America Neural Network Chip Sales Quantity by Application (2024-2029) & (K Units)

Table 79. North America Neural Network Chip Sales Quantity by Country (2018-2023) &

(K Units)

Table 80. North America Neural Network Chip Sales Quantity by Country (2024-2029) & (K Units)

Table 81. North America Neural Network Chip Consumption Value by Country (2018-2023) & (USD Million)

Table 82. North America Neural Network Chip Consumption Value by Country (2024-2029) & (USD Million)

Table 83. Europe Neural Network Chip Sales Quantity by Type (2018-2023) & (K Units)

Table 84. Europe Neural Network Chip Sales Quantity by Type (2024-2029) & (K Units)

Table 85. Europe Neural Network Chip Sales Quantity by Application (2018-2023) & (K Units)

Table 86. Europe Neural Network Chip Sales Quantity by Application (2024-2029) & (K Units)

Table 87. Europe Neural Network Chip Sales Quantity by Country (2018-2023) & (K Units)

Table 88. Europe Neural Network Chip Sales Quantity by Country (2024-2029) & (K Units)

Table 89. Europe Neural Network Chip Consumption Value by Country (2018-2023) & (USD Million)

Table 90. Europe Neural Network Chip Consumption Value by Country (2024-2029) & (USD Million)

Table 91. Asia-Pacific Neural Network Chip Sales Quantity by Type (2018-2023) & (K Units)

Table 92. Asia-Pacific Neural Network Chip Sales Quantity by Type (2024-2029) & (K Units)

Table 93. Asia-Pacific Neural Network Chip Sales Quantity by Application (2018-2023) & (K Units)

Table 94. Asia-Pacific Neural Network Chip Sales Quantity by Application (2024-2029) & (K Units)

Table 95. Asia-Pacific Neural Network Chip Sales Quantity by Region (2018-2023) & (K Units)

Table 96. Asia-Pacific Neural Network Chip Sales Quantity by Region (2024-2029) & (K Units)

Table 97. Asia-Pacific Neural Network Chip Consumption Value by Region (2018-2023) & (USD Million)

Table 98. Asia-Pacific Neural Network Chip Consumption Value by Region (2024-2029) & (USD Million)

Table 99. South America Neural Network Chip Sales Quantity by Type (2018-2023) & (K Units)

- Table 100. South America Neural Network Chip Sales Quantity by Type (2024-2029) & (K Units)
- Table 101. South America Neural Network Chip Sales Quantity by Application (2018-2023) & (K Units)
- Table 102. South America Neural Network Chip Sales Quantity by Application (2024-2029) & (K Units)
- Table 103. South America Neural Network Chip Sales Quantity by Country (2018-2023) & (K Units)
- Table 104. South America Neural Network Chip Sales Quantity by Country (2024-2029) & (K Units)
- Table 105. South America Neural Network Chip Consumption Value by Country (2018-2023) & (USD Million)
- Table 106. South America Neural Network Chip Consumption Value by Country (2024-2029) & (USD Million)
- Table 107. Middle East & Africa Neural Network Chip Sales Quantity by Type (2018-2023) & (K Units)
- Table 108. Middle East & Africa Neural Network Chip Sales Quantity by Type (2024-2029) & (K Units)
- Table 109. Middle East & Africa Neural Network Chip Sales Quantity by Application (2018-2023) & (K Units)
- Table 110. Middle East & Africa Neural Network Chip Sales Quantity by Application (2024-2029) & (K Units)
- Table 111. Middle East & Africa Neural Network Chip Sales Quantity by Region (2018-2023) & (K Units)
- Table 112. Middle East & Africa Neural Network Chip Sales Quantity by Region (2024-2029) & (K Units)
- Table 113. Middle East & Africa Neural Network Chip Consumption Value by Region (2018-2023) & (USD Million)
- Table 114. Middle East & Africa Neural Network Chip Consumption Value by Region (2024-2029) & (USD Million)
- Table 115. Neural Network Chip Raw Material
- Table 116. Key Manufacturers of Neural Network Chip Raw Materials
- Table 117. Neural Network Chip Typical Distributors
- Table 118. Neural Network Chip Typical Customers



## List Of Figures

### LIST OF FIGURES

Figure 1. Neural Network Chip Picture

Figure 2. Global Neural Network Chip Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Neural Network Chip Consumption Value Market Share by Type in 2022

Figure 4. Training Chip Examples

Figure 5. Inference Chip Examples

Figure 6. Global Neural Network Chip Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global Neural Network Chip Consumption Value Market Share by Application in 2022

Figure 8. Computer Vision Examples

Figure 9. Natural Language Processing Examples

Figure 10. Intelligent Driving Examples

Figure 11. Human-computer Interaction Examples

Figure 12. Medical Examples

Figure 13. Environmental Monitoring Examples

Figure 14. Others Examples

Figure 15. Global Neural Network Chip Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 16. Global Neural Network Chip Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 17. Global Neural Network Chip Sales Quantity (2018-2029) & (K Units)

Figure 18. Global Neural Network Chip Average Price (2018-2029) & (US\$/Unit)

Figure 19. Global Neural Network Chip Sales Quantity Market Share by Manufacturer in 2022

Figure 20. Global Neural Network Chip Consumption Value Market Share by Manufacturer in 2022

Figure 21. Producer Shipments of Neural Network Chip by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 22. Top 3 Neural Network Chip Manufacturer (Consumption Value) Market Share in 2022

Figure 23. Top 6 Neural Network Chip Manufacturer (Consumption Value) Market Share in 2022

Figure 24. Global Neural Network Chip Sales Quantity Market Share by Region

(2018-2029)

Figure 25. Global Neural Network Chip Consumption Value Market Share by Region (2018-2029)

Figure 26. North America Neural Network Chip Consumption Value (2018-2029) & (USD Million)

Figure 27. Europe Neural Network Chip Consumption Value (2018-2029) & (USD Million)

Figure 28. Asia-Pacific Neural Network Chip Consumption Value (2018-2029) & (USD Million)

Figure 29. South America Neural Network Chip Consumption Value (2018-2029) & (USD Million)

Figure 30. Middle East & Africa Neural Network Chip Consumption Value (2018-2029) & (USD Million)

Figure 31. Global Neural Network Chip Sales Quantity Market Share by Type (2018-2029)

Figure 32. Global Neural Network Chip Consumption Value Market Share by Type (2018-2029)

Figure 33. Global Neural Network Chip Average Price by Type (2018-2029) & (US\$/Unit)

Figure 34. Global Neural Network Chip Sales Quantity Market Share by Application (2018-2029)

Figure 35. Global Neural Network Chip Consumption Value Market Share by Application (2018-2029)

Figure 36. Global Neural Network Chip Average Price by Application (2018-2029) & (US\$/Unit)

Figure 37. North America Neural Network Chip Sales Quantity Market Share by Type (2018-2029)

Figure 38. North America Neural Network Chip Sales Quantity Market Share by Application (2018-2029)

Figure 39. North America Neural Network Chip Sales Quantity Market Share by Country (2018-2029)

Figure 40. North America Neural Network Chip Consumption Value Market Share by Country (2018-2029)

Figure 41. United States Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Canada Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Mexico Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Europe Neural Network Chip Sales Quantity Market Share by Type (2018-2029)

Figure 45. Europe Neural Network Chip Sales Quantity Market Share by Application (2018-2029)

Figure 46. Europe Neural Network Chip Sales Quantity Market Share by Country (2018-2029)

Figure 47. Europe Neural Network Chip Consumption Value Market Share by Country (2018-2029)

Figure 48. Germany Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. France Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. United Kingdom Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Russia Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Italy Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Asia-Pacific Neural Network Chip Sales Quantity Market Share by Type (2018-2029)

Figure 54. Asia-Pacific Neural Network Chip Sales Quantity Market Share by Application (2018-2029)

Figure 55. Asia-Pacific Neural Network Chip Sales Quantity Market Share by Region (2018-2029)

Figure 56. Asia-Pacific Neural Network Chip Consumption Value Market Share by Region (2018-2029)

Figure 57. China Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Japan Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Korea Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. India Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. Southeast Asia Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Australia Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. South America Neural Network Chip Sales Quantity Market Share by Type

(2018-2029)

Figure 64. South America Neural Network Chip Sales Quantity Market Share by Application (2018-2029)

Figure 65. South America Neural Network Chip Sales Quantity Market Share by Country (2018-2029)

Figure 66. South America Neural Network Chip Consumption Value Market Share by Country (2018-2029)

Figure 67. Brazil Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 68. Argentina Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Middle East & Africa Neural Network Chip Sales Quantity Market Share by Type (2018-2029)

Figure 70. Middle East & Africa Neural Network Chip Sales Quantity Market Share by Application (2018-2029)

Figure 71. Middle East & Africa Neural Network Chip Sales Quantity Market Share by Region (2018-2029)

Figure 72. Middle East & Africa Neural Network Chip Consumption Value Market Share by Region (2018-2029)

Figure 73. Turkey Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Egypt Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Saudi Arabia Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. South Africa Neural Network Chip Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. Neural Network Chip Market Drivers

Figure 78. Neural Network Chip Market Restraints

Figure 79. Neural Network Chip Market Trends

Figure 80. Porters Five Forces Analysis

Figure 81. Manufacturing Cost Structure Analysis of Neural Network Chip in 2022

Figure 82. Manufacturing Process Analysis of Neural Network Chip

Figure 83. Neural Network Chip Industrial Chain

Figure 84. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 85. Direct Channel Pros & Cons

Figure 86. Indirect Channel Pros & Cons

Figure 87. Methodology

Figure 88. Research Process and Data Source

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