

# Global Neuromorphic Sensor Supply, Demand and Key Producers, 2023-2029

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## Abstracts

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

Neuromorphic sensors are a type of sensor technology that mimics the structure and function of the human nervous system. These sensors are designed to detect and process information in a way that is similar to the way the brain processes sensory information.

Upstream industries for neuromorphic sensors include semiconductor manufacturing, as these sensors rely on advanced microelectronics technology. Downstream industries include any industry that uses sensors for data collection and processing, such as healthcare, automotive, and robotics.

The world market share of neuromorphic sensors is currently small, but growing. The market is primarily concentrated in North America and Europe, with Asia expected to see significant growth in the coming years.

This report studies the global Neuromorphic Sensor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Neuromorphic Sensor, 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 Neuromorphic Sensor that contribute to its increasing demand across many markets.

## Highlights and key features of the study

Global Neuromorphic Sensor total production and demand, 2018-2029, (K Units)

Global Neuromorphic Sensor total production value, 2018-2029, (USD Million)

Global Neuromorphic Sensor production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Neuromorphic Sensor consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Neuromorphic Sensor domestic production, consumption, key domestic manufacturers and share

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

Global Neuromorphic Sensor production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Neuromorphic Sensor production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Neuromorphic Sensor 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 Intel, IBM, HRL Laboratories, iniVation AG, Prophesee SA, Knowm, Numenta, BrainChip Holdings and General Vision, 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 Neuromorphic Sensor 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 Neuromorphic Sensor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Neuromorphic Sensor Market, Segmentation by Type

Event-Based Sensors

Continuous Sensors

#### Global Neuromorphic Sensor Market, Segmentation by Application

Robotics

Autonomous Driving

Smart Healthcare

Others

#### Companies Profiled:

Intel

IBM

HRL Laboratories

iniVation AG

Prophesee SA

Knowm

Numenta

BrainChip Holdings

General Vision

SynSense

CEA-Leti

#### Key Questions Answered

1. How big is the global Neuromorphic Sensor market?
2. What is the demand of the global Neuromorphic Sensor market?
3. What is the year over year growth of the global Neuromorphic Sensor market?
4. What is the production and production value of the global Neuromorphic Sensor market?

5. Who are the key producers in the global Neuromorphic Sensor market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

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

### **3 WORLD NEUROMORPHIC SENSOR MANUFACTURERS COMPETITIVE ANALYSIS**

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

Comparison (2018 & 2022 & 2029)

4.4 United States Based Neuromorphic Sensor Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Neuromorphic Sensor Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Neuromorphic Sensor Production Value (2018-2023)

4.4.3 United States Based Manufacturers Neuromorphic Sensor Production (2018-2023)

4.5 China Based Neuromorphic Sensor Manufacturers and Market Share

4.5.1 China Based Neuromorphic Sensor Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Neuromorphic Sensor Production Value (2018-2023)

4.5.3 China Based Manufacturers Neuromorphic Sensor Production (2018-2023)

4.6 Rest of World Based Neuromorphic Sensor Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Neuromorphic Sensor Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Neuromorphic Sensor Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Neuromorphic Sensor Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Neuromorphic Sensor Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Event-Based Sensors

5.2.2 Continuous Sensors

5.3 Market Segment by Type

5.3.1 World Neuromorphic Sensor Production by Type (2018-2029)

5.3.2 World Neuromorphic Sensor Production Value by Type (2018-2029)

5.3.3 World Neuromorphic Sensor Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Neuromorphic Sensor Market Size Overview by Application: 2018 VS 2022

VS 2029

## 6.2 Segment Introduction by Application

6.2.1 Robotics

6.2.2 Autonomous Driving

6.2.3 Smart Healthcare

6.2.4 Others

## 6.3 Market Segment by Application

6.3.1 World Neuromorphic Sensor Production by Application (2018-2029)

6.3.2 World Neuromorphic Sensor Production Value by Application (2018-2029)

6.3.3 World Neuromorphic Sensor Average Price by Application (2018-2029)

## 7 COMPANY PROFILES

### 7.1 Intel

7.1.1 Intel Details

7.1.2 Intel Major Business

7.1.3 Intel Neuromorphic Sensor Product and Services

7.1.4 Intel Neuromorphic Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Intel Recent Developments/Updates

7.1.6 Intel Competitive Strengths & Weaknesses

### 7.2 IBM

7.2.1 IBM Details

7.2.2 IBM Major Business

7.2.3 IBM Neuromorphic Sensor Product and Services

7.2.4 IBM Neuromorphic Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 IBM Recent Developments/Updates

7.2.6 IBM Competitive Strengths & Weaknesses

### 7.3 HRL Laboratories

7.3.1 HRL Laboratories Details

7.3.2 HRL Laboratories Major Business

7.3.3 HRL Laboratories Neuromorphic Sensor Product and Services

7.3.4 HRL Laboratories Neuromorphic Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 HRL Laboratories Recent Developments/Updates

7.3.6 HRL Laboratories Competitive Strengths & Weaknesses

### 7.4 iniVation AG

7.4.1 iniVation AG Details

- 7.4.2 iniVation AG Major Business
- 7.4.3 iniVation AG Neuromorphic Sensor Product and Services
- 7.4.4 iniVation AG Neuromorphic Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.4.5 iniVation AG Recent Developments/Updates
- 7.4.6 iniVation AG Competitive Strengths & Weaknesses
- 7.5 Prophesee SA
  - 7.5.1 Prophesee SA Details
  - 7.5.2 Prophesee SA Major Business
  - 7.5.3 Prophesee SA Neuromorphic Sensor Product and Services
  - 7.5.4 Prophesee SA Neuromorphic Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 Prophesee SA Recent Developments/Updates
  - 7.5.6 Prophesee SA Competitive Strengths & Weaknesses
- 7.6 Knowm
  - 7.6.1 Knowm Details
  - 7.6.2 Knowm Major Business
  - 7.6.3 Knowm Neuromorphic Sensor Product and Services
  - 7.6.4 Knowm Neuromorphic Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Knowm Recent Developments/Updates
  - 7.6.6 Knowm Competitive Strengths & Weaknesses
- 7.7 Numenta
  - 7.7.1 Numenta Details
  - 7.7.2 Numenta Major Business
  - 7.7.3 Numenta Neuromorphic Sensor Product and Services
  - 7.7.4 Numenta Neuromorphic Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Numenta Recent Developments/Updates
  - 7.7.6 Numenta Competitive Strengths & Weaknesses
- 7.8 BrainChip Holdings
  - 7.8.1 BrainChip Holdings Details
  - 7.8.2 BrainChip Holdings Major Business
  - 7.8.3 BrainChip Holdings Neuromorphic Sensor Product and Services
  - 7.8.4 BrainChip Holdings Neuromorphic Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 BrainChip Holdings Recent Developments/Updates
  - 7.8.6 BrainChip Holdings Competitive Strengths & Weaknesses
- 7.9 General Vision

- 7.9.1 General Vision Details
- 7.9.2 General Vision Major Business
- 7.9.3 General Vision Neuromorphic Sensor Product and Services
- 7.9.4 General Vision Neuromorphic Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.9.5 General Vision Recent Developments/Updates
- 7.9.6 General Vision Competitive Strengths & Weaknesses
- 7.10 SynSense
  - 7.10.1 SynSense Details
  - 7.10.2 SynSense Major Business
  - 7.10.3 SynSense Neuromorphic Sensor Product and Services
  - 7.10.4 SynSense Neuromorphic Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 SynSense Recent Developments/Updates
  - 7.10.6 SynSense Competitive Strengths & Weaknesses
- 7.11 CEA-Leti
  - 7.11.1 CEA-Leti Details
  - 7.11.2 CEA-Leti Major Business
  - 7.11.3 CEA-Leti Neuromorphic Sensor Product and Services
  - 7.11.4 CEA-Leti Neuromorphic Sensor Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.11.5 CEA-Leti Recent Developments/Updates
  - 7.11.6 CEA-Leti Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

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

Table 2. World Neuromorphic Sensor Production Value by Region (2018-2023) & (USD Million)

Table 3. World Neuromorphic Sensor Production Value by Region (2024-2029) & (USD Million)

Table 4. World Neuromorphic Sensor Production Value Market Share by Region (2018-2023)

Table 5. World Neuromorphic Sensor Production Value Market Share by Region (2024-2029)

Table 6. World Neuromorphic Sensor Production by Region (2018-2023) & (K Units)

Table 7. World Neuromorphic Sensor Production by Region (2024-2029) & (K Units)

Table 8. World Neuromorphic Sensor Production Market Share by Region (2018-2023)

Table 9. World Neuromorphic Sensor Production Market Share by Region (2024-2029)

Table 10. World Neuromorphic Sensor Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Neuromorphic Sensor Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Neuromorphic Sensor Major Market Trends

Table 13. World Neuromorphic Sensor Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Neuromorphic Sensor Consumption by Region (2018-2023) & (K Units)

Table 15. World Neuromorphic Sensor Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Neuromorphic Sensor Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Neuromorphic Sensor Producers in 2022

Table 18. World Neuromorphic Sensor Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Neuromorphic Sensor Producers in 2022

Table 20. World Neuromorphic Sensor Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Neuromorphic Sensor Company Evaluation Quadrant

Table 22. World Neuromorphic Sensor Industry Rank of Major Manufacturers, Based on

## Production Value in 2022

Table 23. Head Office and Neuromorphic Sensor Production Site of Key Manufacturer

Table 24. Neuromorphic Sensor Market: Company Product Type Footprint

Table 25. Neuromorphic Sensor Market: Company Product Application Footprint

Table 26. Neuromorphic Sensor Competitive Factors

Table 27. Neuromorphic Sensor New Entrant and Capacity Expansion Plans

Table 28. Neuromorphic Sensor Mergers & Acquisitions Activity

Table 29. United States VS China Neuromorphic Sensor Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Neuromorphic Sensor Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Neuromorphic Sensor Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Neuromorphic Sensor Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Neuromorphic Sensor Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Neuromorphic Sensor Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Neuromorphic Sensor Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Neuromorphic Sensor Production Market Share (2018-2023)

Table 37. China Based Neuromorphic Sensor Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Neuromorphic Sensor Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Neuromorphic Sensor Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Neuromorphic Sensor Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Neuromorphic Sensor Production Market Share (2018-2023)

Table 42. Rest of World Based Neuromorphic Sensor Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Neuromorphic Sensor Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Neuromorphic Sensor Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Neuromorphic Sensor Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Neuromorphic Sensor Production Market Share (2018-2023)

Table 47. World Neuromorphic Sensor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Neuromorphic Sensor Production by Type (2018-2023) & (K Units)

Table 49. World Neuromorphic Sensor Production by Type (2024-2029) & (K Units)

Table 50. World Neuromorphic Sensor Production Value by Type (2018-2023) & (USD Million)

Table 51. World Neuromorphic Sensor Production Value by Type (2024-2029) & (USD Million)

Table 52. World Neuromorphic Sensor Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Neuromorphic Sensor Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Neuromorphic Sensor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Neuromorphic Sensor Production by Application (2018-2023) & (K Units)

Table 56. World Neuromorphic Sensor Production by Application (2024-2029) & (K Units)

Table 57. World Neuromorphic Sensor Production Value by Application (2018-2023) & (USD Million)

Table 58. World Neuromorphic Sensor Production Value by Application (2024-2029) & (USD Million)

Table 59. World Neuromorphic Sensor Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Neuromorphic Sensor Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Intel Basic Information, Manufacturing Base and Competitors

Table 62. Intel Major Business

Table 63. Intel Neuromorphic Sensor Product and Services

Table 64. Intel Neuromorphic Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Intel Recent Developments/Updates

Table 66. Intel Competitive Strengths & Weaknesses

Table 67. IBM Basic Information, Manufacturing Base and Competitors

Table 68. IBM Major Business

|                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Table 69. IBM Neuromorphic Sensor Product and Services                                                                                                            |
| Table 70. IBM Neuromorphic Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)              |
| Table 71. IBM Recent Developments/Updates                                                                                                                         |
| Table 72. IBM Competitive Strengths & Weaknesses                                                                                                                  |
| Table 73. HRL Laboratories Basic Information, Manufacturing Base and Competitors                                                                                  |
| Table 74. HRL Laboratories Major Business                                                                                                                         |
| Table 75. HRL Laboratories Neuromorphic Sensor Product and Services                                                                                               |
| Table 76. HRL Laboratories Neuromorphic Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023) |
| Table 77. HRL Laboratories Recent Developments/Updates                                                                                                            |
| Table 78. HRL Laboratories Competitive Strengths & Weaknesses                                                                                                     |
| Table 79. iniVation AG Basic Information, Manufacturing Base and Competitors                                                                                      |
| Table 80. iniVation AG Major Business                                                                                                                             |
| Table 81. iniVation AG Neuromorphic Sensor Product and Services                                                                                                   |
| Table 82. iniVation AG Neuromorphic Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)     |
| Table 83. iniVation AG Recent Developments/Updates                                                                                                                |
| Table 84. iniVation AG Competitive Strengths & Weaknesses                                                                                                         |
| Table 85. Prophesee SA Basic Information, Manufacturing Base and Competitors                                                                                      |
| Table 86. Prophesee SA Major Business                                                                                                                             |
| Table 87. Prophesee SA Neuromorphic Sensor Product and Services                                                                                                   |
| Table 88. Prophesee SA Neuromorphic Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)     |
| Table 89. Prophesee SA Recent Developments/Updates                                                                                                                |
| Table 90. Prophesee SA Competitive Strengths & Weaknesses                                                                                                         |
| Table 91. Knowm Basic Information, Manufacturing Base and Competitors                                                                                             |
| Table 92. Knowm Major Business                                                                                                                                    |
| Table 93. Knowm Neuromorphic Sensor Product and Services                                                                                                          |
| Table 94. Knowm Neuromorphic Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)            |
| Table 95. Knowm Recent Developments/Updates                                                                                                                       |
| Table 96. Knowm Competitive Strengths & Weaknesses                                                                                                                |
| Table 97. Numenta Basic Information, Manufacturing Base and Competitors                                                                                           |
| Table 98. Numenta Major Business                                                                                                                                  |
| Table 99. Numenta Neuromorphic Sensor Product and Services                                                                                                        |
| Table 100. Numenta Neuromorphic Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)         |

|                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Table 101. Numenta Recent Developments/Updates                                                                                                                       |
| Table 102. Numenta Competitive Strengths & Weaknesses                                                                                                                |
| Table 103. BrainChip Holdings Basic Information, Manufacturing Base and Competitors                                                                                  |
| Table 104. BrainChip Holdings Major Business                                                                                                                         |
| Table 105. BrainChip Holdings Neuromorphic Sensor Product and Services                                                                                               |
| Table 106. BrainChip Holdings Neuromorphic Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023) |
| Table 107. BrainChip Holdings Recent Developments/Updates                                                                                                            |
| Table 108. BrainChip Holdings Competitive Strengths & Weaknesses                                                                                                     |
| Table 109. General Vision Basic Information, Manufacturing Base and Competitors                                                                                      |
| Table 110. General Vision Major Business                                                                                                                             |
| Table 111. General Vision Neuromorphic Sensor Product and Services                                                                                                   |
| Table 112. General Vision Neuromorphic Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)     |
| Table 113. General Vision Recent Developments/Updates                                                                                                                |
| Table 114. General Vision Competitive Strengths & Weaknesses                                                                                                         |
| Table 115. SynSense Basic Information, Manufacturing Base and Competitors                                                                                            |
| Table 116. SynSense Major Business                                                                                                                                   |
| Table 117. SynSense Neuromorphic Sensor Product and Services                                                                                                         |
| Table 118. SynSense Neuromorphic Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)           |
| Table 119. SynSense Recent Developments/Updates                                                                                                                      |
| Table 120. CEA-Leti Basic Information, Manufacturing Base and Competitors                                                                                            |
| Table 121. CEA-Leti Major Business                                                                                                                                   |
| Table 122. CEA-Leti Neuromorphic Sensor Product and Services                                                                                                         |
| Table 123. CEA-Leti Neuromorphic Sensor Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)           |
| Table 124. Global Key Players of Neuromorphic Sensor Upstream (Raw Materials)                                                                                        |
| Table 125. Neuromorphic Sensor Typical Customers                                                                                                                     |
| Table 126. Neuromorphic Sensor Typical Distributors                                                                                                                  |

## List Of Figures

### LIST OF FIGURES

Figure 1. Neuromorphic Sensor Picture

Figure 2. World Neuromorphic Sensor Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Neuromorphic Sensor Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Neuromorphic Sensor Production (2018-2029) & (K Units)

Figure 5. World Neuromorphic Sensor Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Neuromorphic Sensor Production Value Market Share by Region (2018-2029)

Figure 7. World Neuromorphic Sensor Production Market Share by Region (2018-2029)

Figure 8. North America Neuromorphic Sensor Production (2018-2029) & (K Units)

Figure 9. Europe Neuromorphic Sensor Production (2018-2029) & (K Units)

Figure 10. China Neuromorphic Sensor Production (2018-2029) & (K Units)

Figure 11. Japan Neuromorphic Sensor Production (2018-2029) & (K Units)

Figure 12. South Korea Neuromorphic Sensor Production (2018-2029) & (K Units)

Figure 13. Neuromorphic Sensor Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Neuromorphic Sensor Consumption (2018-2029) & (K Units)

Figure 16. World Neuromorphic Sensor Consumption Market Share by Region (2018-2029)

Figure 17. United States Neuromorphic Sensor Consumption (2018-2029) & (K Units)

Figure 18. China Neuromorphic Sensor Consumption (2018-2029) & (K Units)

Figure 19. Europe Neuromorphic Sensor Consumption (2018-2029) & (K Units)

Figure 20. Japan Neuromorphic Sensor Consumption (2018-2029) & (K Units)

Figure 21. South Korea Neuromorphic Sensor Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Neuromorphic Sensor Consumption (2018-2029) & (K Units)

Figure 23. India Neuromorphic Sensor Consumption (2018-2029) & (K Units)

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

Figure 25. Global Four-firm Concentration Ratios (CR4) for Neuromorphic Sensor Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Neuromorphic Sensor Markets in 2022

Figure 27. United States VS China: Neuromorphic Sensor Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Neuromorphic Sensor Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Neuromorphic Sensor Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Neuromorphic Sensor Production Market Share 2022

Figure 31. China Based Manufacturers Neuromorphic Sensor Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Neuromorphic Sensor Production Market Share 2022

Figure 33. World Neuromorphic Sensor Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Neuromorphic Sensor Production Value Market Share by Type in 2022

Figure 35. Event-Based Sensors

Figure 36. Continuous Sensors

Figure 37. World Neuromorphic Sensor Production Market Share by Type (2018-2029)

Figure 38. World Neuromorphic Sensor Production Value Market Share by Type (2018-2029)

Figure 39. World Neuromorphic Sensor Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Neuromorphic Sensor Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Neuromorphic Sensor Production Value Market Share by Application in 2022

Figure 42. Robotics

Figure 43. Autonomous Driving

Figure 44. Smart Healthcare

Figure 45. Others

Figure 46. World Neuromorphic Sensor Production Market Share by Application (2018-2029)

Figure 47. World Neuromorphic Sensor Production Value Market Share by Application (2018-2029)

Figure 48. World Neuromorphic Sensor Average Price by Application (2018-2029) & (US\$/Unit)

Figure 49. Neuromorphic Sensor Industry Chain

Figure 50. Neuromorphic Sensor Procurement Model

Figure 51. Neuromorphic Sensor Sales Model

Figure 52. Neuromorphic Sensor Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

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