

# Global Processing in-memory AI Chips Market Growth 2024-2030

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## Abstracts

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PiM is an emerging semiconductor technology that combines a memory device and Processing Unit (PU) into a chip, supporting the heavy AI-related computational workload of the Central Processing Unit (CPU) or Graphics Processing Unit (GPU).

The global Processing in-memory AI Chips market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Processing in-memory AI Chips Industry Forecast" looks at past sales and reviews total world Processing in-memory AI Chips sales in 2023, providing a comprehensive analysis by region and market sector of projected Processing in-memory AI Chips sales for 2024 through 2030. With Processing in-memory AI Chips sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Processing in-memory AI Chips industry.

This Insight Report provides a comprehensive analysis of the global Processing in-memory AI Chips landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Processing in-memory AI Chips portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Processing in-memory AI Chips market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Processing in-memory AI Chips and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Processing in-memory AI Chips.

United States market for Processing in-memory AI Chips is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Processing in-memory AI Chips is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Processing in-memory AI Chips is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Processing in-memory AI Chips players cover Samsung, Mythic, SK Hynix, Syntiant, D-Matrix, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Processing in-memory AI Chips market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Voice Chip

Vision Chip

Others

Segmentation by Application:

AI

Autonomous driving

Wearable device

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Samsung

Myhtic

SK Hynix

Syntiant

D-Matrix

Hangzhou Zhicun (Witmem) Technology

Beijing Pingxin Technology

Shenzhen Reexen Technology Liability Company

Nanjing Houmo Intelligent Technology

Zbit Semiconductor

Flashbillion

Beijing InnoMem Technologies

AISTARTEK

Qianxin Semiconductor Technology

Wuhu Every Moment Thinking Intelligent Technology

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global Processing in-memory AI Chips market?

What factors are driving Processing in-memory AI Chips market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Processing in-memory AI Chips market opportunities vary by end market size?

How does Processing in-memory AI Chips break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Processing in-memory AI Chips Annual Sales 2019-2030
  - 2.1.2 World Current & Future Analysis for Processing in-memory AI Chips by Geographic Region, 2019, 2023 & 2030
  - 2.1.3 World Current & Future Analysis for Processing in-memory AI Chips by Country/Region, 2019, 2023 & 2030
- 2.2 Processing in-memory AI Chips Segment by Type
  - 2.2.1 Voice Chip
  - 2.2.2 Vision Chip
  - 2.2.3 Others
- 2.3 Processing in-memory AI Chips Sales by Type
  - 2.3.1 Global Processing in-memory AI Chips Sales Market Share by Type (2019-2024)
  - 2.3.2 Global Processing in-memory AI Chips Revenue and Market Share by Type (2019-2024)
  - 2.3.3 Global Processing in-memory AI Chips Sale Price by Type (2019-2024)
- 2.4 Processing in-memory AI Chips Segment by Application
  - 2.4.1 AI
  - 2.4.2 Autonomous driving
  - 2.4.3 Wearable device
  - 2.4.4 Others
- 2.5 Processing in-memory AI Chips Sales by Application
  - 2.5.1 Global Processing in-memory AI Chips Sale Market Share by Application (2019-2024)
  - 2.5.2 Global Processing in-memory AI Chips Revenue and Market Share by

Application (2019-2024)

2.5.3 Global Processing in-memory AI Chips Sale Price by Application (2019-2024)

### **3 GLOBAL BY COMPANY**

3.1 Global Processing in-memory AI Chips Breakdown Data by Company

3.1.1 Global Processing in-memory AI Chips Annual Sales by Company (2019-2024)

3.1.2 Global Processing in-memory AI Chips Sales Market Share by Company (2019-2024)

3.2 Global Processing in-memory AI Chips Annual Revenue by Company (2019-2024)

3.2.1 Global Processing in-memory AI Chips Revenue by Company (2019-2024)

3.2.2 Global Processing in-memory AI Chips Revenue Market Share by Company (2019-2024)

3.3 Global Processing in-memory AI Chips Sale Price by Company

3.4 Key Manufacturers Processing in-memory AI Chips Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Processing in-memory AI Chips Product Location Distribution

3.4.2 Players Processing in-memory AI Chips Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

### **4 WORLD HISTORIC REVIEW FOR PROCESSING IN-MEMORY AI CHIPS BY GEOGRAPHIC REGION**

4.1 World Historic Processing in-memory AI Chips Market Size by Geographic Region (2019-2024)

4.1.1 Global Processing in-memory AI Chips Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Processing in-memory AI Chips Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Processing in-memory AI Chips Market Size by Country/Region (2019-2024)

4.2.1 Global Processing in-memory AI Chips Annual Sales by Country/Region (2019-2024)

4.2.2 Global Processing in-memory AI Chips Annual Revenue by Country/Region (2019-2024)

- 4.3 Americas Processing in-memory AI Chips Sales Growth
- 4.4 APAC Processing in-memory AI Chips Sales Growth
- 4.5 Europe Processing in-memory AI Chips Sales Growth
- 4.6 Middle East & Africa Processing in-memory AI Chips Sales Growth

## **5 AMERICAS**

- 5.1 Americas Processing in-memory AI Chips Sales by Country
  - 5.1.1 Americas Processing in-memory AI Chips Sales by Country (2019-2024)
  - 5.1.2 Americas Processing in-memory AI Chips Revenue by Country (2019-2024)
- 5.2 Americas Processing in-memory AI Chips Sales by Type (2019-2024)
- 5.3 Americas Processing in-memory AI Chips Sales by Application (2019-2024)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## **6 APAC**

- 6.1 APAC Processing in-memory AI Chips Sales by Region
  - 6.1.1 APAC Processing in-memory AI Chips Sales by Region (2019-2024)
  - 6.1.2 APAC Processing in-memory AI Chips Revenue by Region (2019-2024)
- 6.2 APAC Processing in-memory AI Chips Sales by Type (2019-2024)
- 6.3 APAC Processing in-memory AI Chips Sales by Application (2019-2024)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe Processing in-memory AI Chips by Country
  - 7.1.1 Europe Processing in-memory AI Chips Sales by Country (2019-2024)
  - 7.1.2 Europe Processing in-memory AI Chips Revenue by Country (2019-2024)
- 7.2 Europe Processing in-memory AI Chips Sales by Type (2019-2024)
- 7.3 Europe Processing in-memory AI Chips Sales by Application (2019-2024)



- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Processing in-memory AI Chips by Country
  - 8.1.1 Middle East & Africa Processing in-memory AI Chips Sales by Country (2019-2024)
  - 8.1.2 Middle East & Africa Processing in-memory AI Chips Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Processing in-memory AI Chips Sales by Type (2019-2024)
- 8.3 Middle East & Africa Processing in-memory AI Chips Sales by Application (2019-2024)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Processing in-memory AI Chips
- 10.3 Manufacturing Process Analysis of Processing in-memory AI Chips
- 10.4 Industry Chain Structure of Processing in-memory AI Chips

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

- 11.1 Sales Channel
  - 11.1.1 Direct Channels

- 11.1.2 Indirect Channels
- 11.2 Processing in-memory AI Chips Distributors
- 11.3 Processing in-memory AI Chips Customer

## **12 WORLD FORECAST REVIEW FOR PROCESSING IN-MEMORY AI CHIPS BY GEOGRAPHIC REGION**

- 12.1 Global Processing in-memory AI Chips Market Size Forecast by Region
  - 12.1.1 Global Processing in-memory AI Chips Forecast by Region (2025-2030)
  - 12.1.2 Global Processing in-memory AI Chips Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country (2025-2030)
- 12.3 APAC Forecast by Region (2025-2030)
- 12.4 Europe Forecast by Country (2025-2030)
- 12.5 Middle East & Africa Forecast by Country (2025-2030)
- 12.6 Global Processing in-memory AI Chips Forecast by Type (2025-2030)
- 12.7 Global Processing in-memory AI Chips Forecast by Application (2025-2030)

## **13 KEY PLAYERS ANALYSIS**

- 13.1 Samsung
  - 13.1.1 Samsung Company Information
  - 13.1.2 Samsung Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.1.3 Samsung Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.1.4 Samsung Main Business Overview
  - 13.1.5 Samsung Latest Developments
- 13.2 Myhtic
  - 13.2.1 Myhtic Company Information
  - 13.2.2 Myhtic Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.2.3 Myhtic Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.2.4 Myhtic Main Business Overview
  - 13.2.5 Myhtic Latest Developments
- 13.3 SK Hynix
  - 13.3.1 SK Hynix Company Information
  - 13.3.2 SK Hynix Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.3.3 SK Hynix Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)

- 13.3.4 SK Hynix Main Business Overview
- 13.3.5 SK Hynix Latest Developments
- 13.4 Syntiant
  - 13.4.1 Syntiant Company Information
  - 13.4.2 Syntiant Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.4.3 Syntiant Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.4.4 Syntiant Main Business Overview
  - 13.4.5 Syntiant Latest Developments
- 13.5 D-Matrix
  - 13.5.1 D-Matrix Company Information
  - 13.5.2 D-Matrix Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.5.3 D-Matrix Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.5.4 D-Matrix Main Business Overview
  - 13.5.5 D-Matrix Latest Developments
- 13.6 Hangzhou Zhicun (Witmem) Technology
  - 13.6.1 Hangzhou Zhicun (Witmem) Technology Company Information
  - 13.6.2 Hangzhou Zhicun (Witmem) Technology Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.6.3 Hangzhou Zhicun (Witmem) Technology Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.6.4 Hangzhou Zhicun (Witmem) Technology Main Business Overview
  - 13.6.5 Hangzhou Zhicun (Witmem) Technology Latest Developments
- 13.7 Beijing Pingxin Technology
  - 13.7.1 Beijing Pingxin Technology Company Information
  - 13.7.2 Beijing Pingxin Technology Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.7.3 Beijing Pingxin Technology Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.7.4 Beijing Pingxin Technology Main Business Overview
  - 13.7.5 Beijing Pingxin Technology Latest Developments
- 13.8 Shenzhen Reexen Technology Liability Company
  - 13.8.1 Shenzhen Reexen Technology Liability Company Company Information
  - 13.8.2 Shenzhen Reexen Technology Liability Company Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.8.3 Shenzhen Reexen Technology Liability Company Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.8.4 Shenzhen Reexen Technology Liability Company Main Business Overview

- 13.8.5 Shenzhen Reexen Technology Liability Company Latest Developments
- 13.9 Nanjing Houmo Intelligent Technology
  - 13.9.1 Nanjing Houmo Intelligent Technology Company Information
  - 13.9.2 Nanjing Houmo Intelligent Technology Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.9.3 Nanjing Houmo Intelligent Technology Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.9.4 Nanjing Houmo Intelligent Technology Main Business Overview
  - 13.9.5 Nanjing Houmo Intelligent Technology Latest Developments
- 13.10 Zbit Semiconductor
  - 13.10.1 Zbit Semiconductor Company Information
  - 13.10.2 Zbit Semiconductor Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.10.3 Zbit Semiconductor Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.10.4 Zbit Semiconductor Main Business Overview
  - 13.10.5 Zbit Semiconductor Latest Developments
- 13.11 Flashbillion
  - 13.11.1 Flashbillion Company Information
  - 13.11.2 Flashbillion Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.11.3 Flashbillion Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.11.4 Flashbillion Main Business Overview
  - 13.11.5 Flashbillion Latest Developments
- 13.12 Beijing InnoMem Technologies
  - 13.12.1 Beijing InnoMem Technologies Company Information
  - 13.12.2 Beijing InnoMem Technologies Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.12.3 Beijing InnoMem Technologies Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.12.4 Beijing InnoMem Technologies Main Business Overview
  - 13.12.5 Beijing InnoMem Technologies Latest Developments
- 13.13 AISTARTEK
  - 13.13.1 AISTARTEK Company Information
  - 13.13.2 AISTARTEK Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.13.3 AISTARTEK Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)

- 13.13.4 AISTARTEK Main Business Overview
- 13.13.5 AISTARTEK Latest Developments
- 13.14 Qianxin Semiconductor Technology
  - 13.14.1 Qianxin Semiconductor Technology Company Information
  - 13.14.2 Qianxin Semiconductor Technology Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.14.3 Qianxin Semiconductor Technology Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.14.4 Qianxin Semiconductor Technology Main Business Overview
  - 13.14.5 Qianxin Semiconductor Technology Latest Developments
- 13.15 Wuhu Every Moment Thinking Intelligent Technology
  - 13.15.1 Wuhu Every Moment Thinking Intelligent Technology Company Information
  - 13.15.2 Wuhu Every Moment Thinking Intelligent Technology Processing in-memory AI Chips Product Portfolios and Specifications
  - 13.15.3 Wuhu Every Moment Thinking Intelligent Technology Processing in-memory AI Chips Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.15.4 Wuhu Every Moment Thinking Intelligent Technology Main Business Overview
  - 13.15.5 Wuhu Every Moment Thinking Intelligent Technology Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Processing in-memory AI Chips Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Processing in-memory AI Chips Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Voice Chip

Table 4. Major Players of Vision Chip

Table 5. Major Players of Others

Table 6. Global Processing in-memory AI Chips Sales by Type (2019-2024) & (Million Units)

Table 7. Global Processing in-memory AI Chips Sales Market Share by Type (2019-2024)

Table 8. Global Processing in-memory AI Chips Revenue by Type (2019-2024) & (\$ million)

Table 9. Global Processing in-memory AI Chips Revenue Market Share by Type (2019-2024)

Table 10. Global Processing in-memory AI Chips Sale Price by Type (2019-2024) & (US\$/Unit)

Table 11. Global Processing in-memory AI Chips Sale by Application (2019-2024) & (Million Units)

Table 12. Global Processing in-memory AI Chips Sale Market Share by Application (2019-2024)

Table 13. Global Processing in-memory AI Chips Revenue by Application (2019-2024) & (\$ million)

Table 14. Global Processing in-memory AI Chips Revenue Market Share by Application (2019-2024)

Table 15. Global Processing in-memory AI Chips Sale Price by Application (2019-2024) & (US\$/Unit)

Table 16. Global Processing in-memory AI Chips Sales by Company (2019-2024) & (Million Units)

Table 17. Global Processing in-memory AI Chips Sales Market Share by Company (2019-2024)

Table 18. Global Processing in-memory AI Chips Revenue by Company (2019-2024) & (\$ millions)

Table 19. Global Processing in-memory AI Chips Revenue Market Share by Company (2019-2024)

Table 20. Global Processing in-memory AI Chips Sale Price by Company (2019-2024) & (US\$/Unit)

Table 21. Key Manufacturers Processing in-memory AI Chips Producing Area Distribution and Sales Area

Table 22. Players Processing in-memory AI Chips Products Offered

Table 23. Processing in-memory AI Chips Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 24. New Products and Potential Entrants

Table 25. Market M&A Activity & Strategy

Table 26. Global Processing in-memory AI Chips Sales by Geographic Region (2019-2024) & (Million Units)

Table 27. Global Processing in-memory AI Chips Sales Market Share Geographic Region (2019-2024)

Table 28. Global Processing in-memory AI Chips Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 29. Global Processing in-memory AI Chips Revenue Market Share by Geographic Region (2019-2024)

Table 30. Global Processing in-memory AI Chips Sales by Country/Region (2019-2024) & (Million Units)

Table 31. Global Processing in-memory AI Chips Sales Market Share by Country/Region (2019-2024)

Table 32. Global Processing in-memory AI Chips Revenue by Country/Region (2019-2024) & (\$ millions)

Table 33. Global Processing in-memory AI Chips Revenue Market Share by Country/Region (2019-2024)

Table 34. Americas Processing in-memory AI Chips Sales by Country (2019-2024) & (Million Units)

Table 35. Americas Processing in-memory AI Chips Sales Market Share by Country (2019-2024)

Table 36. Americas Processing in-memory AI Chips Revenue by Country (2019-2024) & (\$ millions)

Table 37. Americas Processing in-memory AI Chips Sales by Type (2019-2024) & (Million Units)

Table 38. Americas Processing in-memory AI Chips Sales by Application (2019-2024) & (Million Units)

Table 39. APAC Processing in-memory AI Chips Sales by Region (2019-2024) & (Million Units)

Table 40. APAC Processing in-memory AI Chips Sales Market Share by Region (2019-2024)

- Table 41. APAC Processing in-memory AI Chips Revenue by Region (2019-2024) & (\$ millions)
- Table 42. APAC Processing in-memory AI Chips Sales by Type (2019-2024) & (Million Units)
- Table 43. APAC Processing in-memory AI Chips Sales by Application (2019-2024) & (Million Units)
- Table 44. Europe Processing in-memory AI Chips Sales by Country (2019-2024) & (Million Units)
- Table 45. Europe Processing in-memory AI Chips Revenue by Country (2019-2024) & (\$ millions)
- Table 46. Europe Processing in-memory AI Chips Sales by Type (2019-2024) & (Million Units)
- Table 47. Europe Processing in-memory AI Chips Sales by Application (2019-2024) & (Million Units)
- Table 48. Middle East & Africa Processing in-memory AI Chips Sales by Country (2019-2024) & (Million Units)
- Table 49. Middle East & Africa Processing in-memory AI Chips Revenue Market Share by Country (2019-2024)
- Table 50. Middle East & Africa Processing in-memory AI Chips Sales by Type (2019-2024) & (Million Units)
- Table 51. Middle East & Africa Processing in-memory AI Chips Sales by Application (2019-2024) & (Million Units)
- Table 52. Key Market Drivers & Growth Opportunities of Processing in-memory AI Chips
- Table 53. Key Market Challenges & Risks of Processing in-memory AI Chips
- Table 54. Key Industry Trends of Processing in-memory AI Chips
- Table 55. Processing in-memory AI Chips Raw Material
- Table 56. Key Suppliers of Raw Materials
- Table 57. Processing in-memory AI Chips Distributors List
- Table 58. Processing in-memory AI Chips Customer List
- Table 59. Global Processing in-memory AI Chips Sales Forecast by Region (2025-2030) & (Million Units)
- Table 60. Global Processing in-memory AI Chips Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 61. Americas Processing in-memory AI Chips Sales Forecast by Country (2025-2030) & (Million Units)
- Table 62. Americas Processing in-memory AI Chips Annual Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 63. APAC Processing in-memory AI Chips Sales Forecast by Region (2025-2030)



& (Million Units)

Table 64. APAC Processing in-memory AI Chips Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 65. Europe Processing in-memory AI Chips Sales Forecast by Country (2025-2030) & (Million Units)

Table 66. Europe Processing in-memory AI Chips Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 67. Middle East & Africa Processing in-memory AI Chips Sales Forecast by Country (2025-2030) & (Million Units)

Table 68. Middle East & Africa Processing in-memory AI Chips Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 69. Global Processing in-memory AI Chips Sales Forecast by Type (2025-2030) & (Million Units)

Table 70. Global Processing in-memory AI Chips Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 71. Global Processing in-memory AI Chips Sales Forecast by Application (2025-2030) & (Million Units)

Table 72. Global Processing in-memory AI Chips Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 73. Samsung Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 74. Samsung Processing in-memory AI Chips Product Portfolios and Specifications

Table 75. Samsung Processing in-memory AI Chips Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 76. Samsung Main Business

Table 77. Samsung Latest Developments

Table 78. Myhtic Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 79. Myhtic Processing in-memory AI Chips Product Portfolios and Specifications

Table 80. Myhtic Processing in-memory AI Chips Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 81. Myhtic Main Business

Table 82. Myhtic Latest Developments

Table 83. SK Hynix Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 84. SK Hynix Processing in-memory AI Chips Product Portfolios and Specifications

Table 85. SK Hynix Processing in-memory AI Chips Sales (Million Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 86. SK Hynix Main Business

Table 87. SK Hynix Latest Developments

Table 88. Syntiant Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 89. Syntiant Processing in-memory AI Chips Product Portfolios and Specifications

Table 90. Syntiant Processing in-memory AI Chips Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 91. Syntiant Main Business

Table 92. Syntiant Latest Developments

Table 93. D-Matrix Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 94. D-Matrix Processing in-memory AI Chips Product Portfolios and Specifications

Table 95. D-Matrix Processing in-memory AI Chips Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 96. D-Matrix Main Business

Table 97. D-Matrix Latest Developments

Table 98. Hangzhou Zhicun (Witmem) Technology Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 99. Hangzhou Zhicun (Witmem) Technology Processing in-memory AI Chips Product Portfolios and Specifications

Table 100. Hangzhou Zhicun (Witmem) Technology Processing in-memory AI Chips Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 101. Hangzhou Zhicun (Witmem) Technology Main Business

Table 102. Hangzhou Zhicun (Witmem) Technology Latest Developments

Table 103. Beijing Pingxin Technology Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 104. Beijing Pingxin Technology Processing in-memory AI Chips Product Portfolios and Specifications

Table 105. Beijing Pingxin Technology Processing in-memory AI Chips Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 106. Beijing Pingxin Technology Main Business

Table 107. Beijing Pingxin Technology Latest Developments

Table 108. Shenzhen Reexen Technology Liability Company Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 109. Shenzhen Reexen Technology Liability Company Processing in-memory AI Chips Product Portfolios and Specifications

Table 110. Shenzhen Reexen Technology Liability Company Processing in-memory AI Chips Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 111. Shenzhen Reexen Technology Liability Company Main Business

Table 112. Shenzhen Reexen Technology Liability Company Latest Developments

Table 113. Nanjing Houmo Intelligent Technology Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 114. Nanjing Houmo Intelligent Technology Processing in-memory AI Chips Product Portfolios and Specifications

Table 115. Nanjing Houmo Intelligent Technology Processing in-memory AI Chips Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 116. Nanjing Houmo Intelligent Technology Main Business

Table 117. Nanjing Houmo Intelligent Technology Latest Developments

Table 118. Zbit Semiconductor Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 119. Zbit Semiconductor Processing in-memory AI Chips Product Portfolios and Specifications

Table 120. Zbit Semiconductor Processing in-memory AI Chips Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 121. Zbit Semiconductor Main Business

Table 122. Zbit Semiconductor Latest Developments

Table 123. Flashbillion Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 124. Flashbillion Processing in-memory AI Chips Product Portfolios and Specifications

Table 125. Flashbillion Processing in-memory AI Chips Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 126. Flashbillion Main Business

Table 127. Flashbillion Latest Developments

Table 128. Beijing InnoMem Technologies Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 129. Beijing InnoMem Technologies Processing in-memory AI Chips Product Portfolios and Specifications

Table 130. Beijing InnoMem Technologies Processing in-memory AI Chips Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 131. Beijing InnoMem Technologies Main Business

Table 132. Beijing InnoMem Technologies Latest Developments

Table 133. AISTARTEK Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 134. AISTARTEK Processing in-memory AI Chips Product Portfolios and Specifications

Table 135. AISTARTEK Processing in-memory AI Chips Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 136. AISTARTEK Main Business

Table 137. AISTARTEK Latest Developments

Table 138. Qianxin Semiconductor Technology Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 139. Qianxin Semiconductor Technology Processing in-memory AI Chips Product Portfolios and Specifications

Table 140. Qianxin Semiconductor Technology Processing in-memory AI Chips Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 141. Qianxin Semiconductor Technology Main Business

Table 142. Qianxin Semiconductor Technology Latest Developments

Table 143. Wuhu Every Moment Thinking Intelligent Technology Basic Information, Processing in-memory AI Chips Manufacturing Base, Sales Area and Its Competitors

Table 144. Wuhu Every Moment Thinking Intelligent Technology Processing in-memory AI Chips Product Portfolios and Specifications

Table 145. Wuhu Every Moment Thinking Intelligent Technology Processing in-memory AI Chips Sales (Million Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 146. Wuhu Every Moment Thinking Intelligent Technology Main Business

Table 147. Wuhu Every Moment Thinking Intelligent Technology Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Processing in-memory AI Chips
- Figure 2. Processing in-memory AI Chips Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Processing in-memory AI Chips Sales Growth Rate 2019-2030 (Million Units)
- Figure 7. Global Processing in-memory AI Chips Revenue Growth Rate 2019-2030 (\$ millions)
- Figure 8. Processing in-memory AI Chips Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Figure 9. Processing in-memory AI Chips Sales Market Share by Country/Region (2023)
- Figure 10. Processing in-memory AI Chips Sales Market Share by Country/Region (2019, 2023 & 2030)
- Figure 11. Product Picture of Voice Chip
- Figure 12. Product Picture of Vision Chip
- Figure 13. Product Picture of Others
- Figure 14. Global Processing in-memory AI Chips Sales Market Share by Type in 2023
- Figure 15. Global Processing in-memory AI Chips Revenue Market Share by Type (2019-2024)
- Figure 16. Processing in-memory AI Chips Consumed in AI
- Figure 17. Global Processing in-memory AI Chips Market: AI (2019-2024) & (Million Units)
- Figure 18. Processing in-memory AI Chips Consumed in Autonomous driving
- Figure 19. Global Processing in-memory AI Chips Market: Autonomous driving (2019-2024) & (Million Units)
- Figure 20. Processing in-memory AI Chips Consumed in Wearable device
- Figure 21. Global Processing in-memory AI Chips Market: Wearable device (2019-2024) & (Million Units)
- Figure 22. Processing in-memory AI Chips Consumed in Others
- Figure 23. Global Processing in-memory AI Chips Market: Others (2019-2024) & (Million Units)
- Figure 24. Global Processing in-memory AI Chips Sale Market Share by Application (2023)

- Figure 25. Global Processing in-memory AI Chips Revenue Market Share by Application in 2023
- Figure 26. Processing in-memory AI Chips Sales by Company in 2023 (Million Units)
- Figure 27. Global Processing in-memory AI Chips Sales Market Share by Company in 2023
- Figure 28. Processing in-memory AI Chips Revenue by Company in 2023 (\$ millions)
- Figure 29. Global Processing in-memory AI Chips Revenue Market Share by Company in 2023
- Figure 30. Global Processing in-memory AI Chips Sales Market Share by Geographic Region (2019-2024)
- Figure 31. Global Processing in-memory AI Chips Revenue Market Share by Geographic Region in 2023
- Figure 32. Americas Processing in-memory AI Chips Sales 2019-2024 (Million Units)
- Figure 33. Americas Processing in-memory AI Chips Revenue 2019-2024 (\$ millions)
- Figure 34. APAC Processing in-memory AI Chips Sales 2019-2024 (Million Units)
- Figure 35. APAC Processing in-memory AI Chips Revenue 2019-2024 (\$ millions)
- Figure 36. Europe Processing in-memory AI Chips Sales 2019-2024 (Million Units)
- Figure 37. Europe Processing in-memory AI Chips Revenue 2019-2024 (\$ millions)
- Figure 38. Middle East & Africa Processing in-memory AI Chips Sales 2019-2024 (Million Units)
- Figure 39. Middle East & Africa Processing in-memory AI Chips Revenue 2019-2024 (\$ millions)
- Figure 40. Americas Processing in-memory AI Chips Sales Market Share by Country in 2023
- Figure 41. Americas Processing in-memory AI Chips Revenue Market Share by Country (2019-2024)
- Figure 42. Americas Processing in-memory AI Chips Sales Market Share by Type (2019-2024)
- Figure 43. Americas Processing in-memory AI Chips Sales Market Share by Application (2019-2024)
- Figure 44. United States Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)
- Figure 45. Canada Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)
- Figure 46. Mexico Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)
- Figure 47. Brazil Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)
- Figure 48. APAC Processing in-memory AI Chips Sales Market Share by Region in

2023

Figure 49. APAC Processing in-memory AI Chips Revenue Market Share by Region (2019-2024)

Figure 50. APAC Processing in-memory AI Chips Sales Market Share by Type (2019-2024)

Figure 51. APAC Processing in-memory AI Chips Sales Market Share by Application (2019-2024)

Figure 52. China Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 53. Japan Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 54. South Korea Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 55. Southeast Asia Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 56. India Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 57. Australia Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 58. China Taiwan Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 59. Europe Processing in-memory AI Chips Sales Market Share by Country in 2023

Figure 60. Europe Processing in-memory AI Chips Revenue Market Share by Country (2019-2024)

Figure 61. Europe Processing in-memory AI Chips Sales Market Share by Type (2019-2024)

Figure 62. Europe Processing in-memory AI Chips Sales Market Share by Application (2019-2024)

Figure 63. Germany Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 64. France Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 65. UK Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 66. Italy Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 67. Russia Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 68. Middle East & Africa Processing in-memory AI Chips Sales Market Share by Country (2019-2024)

Figure 69. Middle East & Africa Processing in-memory AI Chips Sales Market Share by Type (2019-2024)

Figure 70. Middle East & Africa Processing in-memory AI Chips Sales Market Share by Application (2019-2024)

Figure 71. Egypt Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 72. South Africa Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 73. Israel Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 74. Turkey Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 75. GCC Countries Processing in-memory AI Chips Revenue Growth 2019-2024 (\$ millions)

Figure 76. Manufacturing Cost Structure Analysis of Processing in-memory AI Chips in 2023

Figure 77. Manufacturing Process Analysis of Processing in-memory AI Chips

Figure 78. Industry Chain Structure of Processing in-memory AI Chips

Figure 79. Channels of Distribution

Figure 80. Global Processing in-memory AI Chips Sales Market Forecast by Region (2025-2030)

Figure 81. Global Processing in-memory AI Chips Revenue Market Share Forecast by Region (2025-2030)

Figure 82. Global Processing in-memory AI Chips Sales Market Share Forecast by Type (2025-2030)

Figure 83. Global Processing in-memory AI Chips Revenue Market Share Forecast by Type (2025-2030)

Figure 84. Global Processing in-memory AI Chips Sales Market Share Forecast by Application (2025-2030)

Figure 85. Global Processing in-memory AI Chips Revenue Market Share Forecast by Application (2025-2030)



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