

Global Edge AI Hardware Market Growth (Status and Outlook) 2024-2030

<https://marketpublishers.com/r/GD69A2E2FDA0EN.html>

Date: March 2024

Pages: 88

Price: US\$ 3,660.00 (Single User License)

ID: GD69A2E2FDA0EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

According to this study, the global Edge AI Hardware market size will reach US\$ 936.3 million by 2030.

The Edge AI Hardware refers to an open platform that integrates network, computing, storage, and application core capabilities on the side close to the object or data source, and provides the nearest-end hardware device.

As an important force driving a new round of scientific and technological revolution, artificial intelligence has been of national strategic importance. Many governments introduces polices and increase capital investment to support AI companies. The Digital Europe plan adopted by the European Union will allocate ?9.2 billion on high-tech investments, such as supercomputing, artificial intelligence, and network security. In order to maintain its leading position, the United States will increase its investment in artificial intelligence research and development in non-defense fields, from US\$1.6 billion to US\$1.7 billion in 2022. According to the latest data released by IDC, global artificial intelligence revenue was US\$432.8 billion in 2022, a year-on-year increase of 19.28%, including software, hardware and services.

This report presents a comprehensive overview, market shares, and growth opportunities of Edge AI Hardware market by product type, application, key players and key regions and countries.

Segmentation by product type:

Smartphones

Cameras

Robots

Automobile

Smart Speakers

Wearables

Smart Mirror

Processor

Others

Segmentation by Application:

City Surveillance

Mobile Internet

Others

This report also splits the market by region:

United States

China

Europe

Other regions:

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

Intel

NVIDIA

Samsung

Huawei

Google

MediaTek

Xilinx

Imagination Technologies

Microsoft

Qualcomm

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

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Edge AI Hardware Market Size 2024-2030
 - 2.1.2 Edge AI Hardware Market Size CAGR by Region
- 2.2 Edge AI Hardware Segment by Type
 - 2.2.1 Smartphones
 - 2.2.2 Cameras
 - 2.2.3 Robots
 - 2.2.4 Automobile
 - 2.2.5 Smart Speakers
 - 2.2.6 Wearables
 - 2.2.7 Smart Mirror
 - 2.2.8 Processor
 - 2.2.9 Others
- 2.3 Edge AI Hardware Market Size by Type
 - 2.3.1 Global Edge AI Hardware Market Size Market Share by Type (2024-2030)
 - 2.3.2 Global Edge AI Hardware Market Size Growth Rate by Type (2024-2030)
- 2.4 Edge AI Hardware Segment by Application
 - 2.4.1 City Surveillance
 - 2.4.2 Mobile Internet
 - 2.4.3 Others
- 2.5 Edge AI Hardware Market Size by Application
 - 2.5.1 Global Edge AI Hardware Market Size Market Share by Application (2024-2030)
 - 2.5.2 Global Edge AI Hardware Market Size Growth Rate by Application (2024-2030)

3 EDGE AI HARDWARE KEY PLAYERS

- 3.1 Date of Key Players Enter into Edge AI Hardware
- 3.2 Key Players Edge AI Hardware Product Offered
- 3.3 Key Players Edge AI Hardware Funding/Investment Analysis
- 3.4 Funding/Investment
 - 3.4.1 Funding/Investment by Regions
 - 3.4.2 Funding/Investment by End-Industry
- 3.5 Key Players Edge AI Hardware Valuation & Market Capitalization
- 3.6 Key Players Mergers & Acquisitions, Expansion Plans
- 3.7 Market Ranking
- 3.8 New Product/Technology Launches
- 3.9 Partnerships, Agreements, and Collaborations
- 3.10 Mergers and Acquisitions

4 EDGE AI HARDWARE BY REGIONS

- 4.1 Edge AI Hardware Market Size by Regions (2024-2030)
- 4.2 United States Edge AI Hardware Market Size Growth (2024-2030)
- 4.3 China Edge AI Hardware Market Size Growth (2024-2030)
- 4.4 Europe Edge AI Hardware Market Size Growth (2024-2030)
- 4.5 Rest of World Edge AI Hardware Market Size Growth (2024-2030)

5 UNITED STATES

- 5.1 United States Edge AI Hardware Market Size by Type (2024-2030)
- 5.2 United States Edge AI Hardware Market Size by Application (2024-2030)

6 EUROPE

- 6.1 Europe Edge AI Hardware Market Size by Type (2024-2030)
- 6.2 Europe Edge AI Hardware Market Size by Application (2024-2030)

7 CHINA

- 7.1 China Edge AI Hardware Market Size by Type (2024-2030)
- 7.2 China Edge AI Hardware Market Size by Application (2024-2030)

8 REST OF WORLD

- 8.1 Rest of World Edge AI Hardware Market Size by Type (2024-2030)
- 8.2 Rest of World Edge AI Hardware Market Size by Application (2024-2030)
- 8.3 Japan
- 8.4 South Korea
- 8.5 Southeast Asia

9 MARKET DRIVERS, CHALLENGES AND TRENDS

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

10 KEY INVESTORS IN EDGE AI HARDWARE

- 10.1 Company A
 - 10.1.1 Company A Company Details
 - 10.1.2 Company Description
 - 10.1.3 Companies Invested by Company A
 - 10.1.4 Company A Key Development and Market Layout
- 10.2 Company B
 - 10.2.1 Company B Company Details
 - 10.2.2 Company Description
 - 10.2.3 Companies Invested by Company B
 - 10.2.4 Company B Key Development and Market Layout
- 10.3 Company C
 - 10.3.1 Company C Company Details
 - 10.3.2 Company Description
 - 10.3.3 Companies Invested by Company C
 - 10.3.4 Company C Key Development and Market Layout
- 10.4 Company D
- 10.5

11 KEY PLAYERS ANALYSIS

- 11.1 Intel
 - 11.1.1 Intel Company Details
 - 11.1.2 Intel Edge AI Hardware Product Offered
 - 11.1.3 Intel Edge AI Hardware Market Size (2024 VS 2030)
 - 11.1.4 Intel Main Business Overview

- 11.1.5 Intel News
- 11.2 NVIDIA
 - 11.2.1 NVIDIA Company Details
 - 11.2.2 NVIDIA Edge AI Hardware Product Offered
 - 11.2.3 NVIDIA Edge AI Hardware Market Size (2024 VS 2030)
 - 11.2.4 NVIDIA Main Business Overview
 - 11.2.5 NVIDIA News
- 11.3 Samsung
 - 11.3.1 Samsung Company Details
 - 11.3.2 Samsung Edge AI Hardware Product Offered
 - 11.3.3 Samsung Edge AI Hardware Market Size (2024 VS 2030)
 - 11.3.4 Samsung Main Business Overview
 - 11.3.5 Samsung News
- 11.4 Huawei
 - 11.4.1 Huawei Company Details
 - 11.4.2 Huawei Edge AI Hardware Product Offered
 - 11.4.3 Huawei Edge AI Hardware Market Size (2024 VS 2030)
 - 11.4.4 Huawei Main Business Overview
 - 11.4.5 Huawei News
- 11.5 Google
 - 11.5.1 Google Company Details
 - 11.5.2 Google Edge AI Hardware Product Offered
 - 11.5.3 Google Edge AI Hardware Market Size (2024 VS 2030)
 - 11.5.4 Google Main Business Overview
 - 11.5.5 Google News
- 11.6 MediaTek
 - 11.6.1 MediaTek Company Details
 - 11.6.2 MediaTek Edge AI Hardware Product Offered
 - 11.6.3 MediaTek Edge AI Hardware Market Size (2024 VS 2030)
 - 11.6.4 MediaTek Main Business Overview
 - 11.6.5 MediaTek News
- 11.7 Xilinx
 - 11.7.1 Xilinx Company Details
 - 11.7.2 Xilinx Edge AI Hardware Product Offered
 - 11.7.3 Xilinx Edge AI Hardware Market Size (2024 VS 2030)
 - 11.7.4 Xilinx Main Business Overview
 - 11.7.5 Xilinx News
- 11.8 Imagination Technologies
 - 11.8.1 Imagination Technologies Company Details

- 11.8.2 Imagination Technologies Edge AI Hardware Product Offered
- 11.8.3 Imagination Technologies Edge AI Hardware Market Size (2024 VS 2030)
- 11.8.4 Imagination Technologies Main Business Overview
- 11.8.5 Imagination Technologies News

11.9 Microsoft

- 11.9.1 Microsoft Company Details
- 11.9.2 Microsoft Edge AI Hardware Product Offered
- 11.9.3 Microsoft Edge AI Hardware Market Size (2024 VS 2030)
- 11.9.4 Microsoft Main Business Overview
- 11.9.5 Microsoft News

11.10 Qualcomm

- 11.10.1 Qualcomm Company Details
- 11.10.2 Qualcomm Edge AI Hardware Product Offered
- 11.10.3 Qualcomm Edge AI Hardware Market Size (2024 VS 2030)
- 11.10.4 Qualcomm Main Business Overview
- 11.10.5 Qualcomm News

12 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Edge AI Hardware Market Size CAGR by Region (2024-2030) (\$ Millions)

Table 2. Major Players of Smartphones

Table 3. Major Players of Cameras

Table 4. Major Players of Robots

Table 5. Major Players of Automobile

Table 6. Major Players of Smart Speakers

Table 7. Major Players of Wearables

Table 8. Major Players of Smart Mirror

Table 9. Major Players of Processor

Table 10. Major Players of Others

Table 11. Global Edge AI Hardware Market Size by Type (2024-2030) (\$ Millions)

Table 12. Global Edge AI Hardware Market Size Market Share by Type (2024-2030)

Table 13. Global Edge AI Hardware Market Size by Application (2024-2030) (\$ Millions)

Table 14. Global Edge AI Hardware Market Size Market Share by Application (2024-2030)

Table 15. Date of Global Key Players Enter into Edge AI Hardware Market

Table 16. Global Key Players Edge AI Hardware Product Offered

Table 17. Key Players Edge AI Hardware Funding/Investment (\$ Millions)

Table 18. Funding/Investment by Regions

Table 19. Funding/Investment by End Industry

Table 20. Key Players Edge AI Hardware Valuation & Market Capitalization (\$ Millions)

Table 21. Key Players Mergers & Acquisitions, Expansion Plans

Table 22. Edge AI Hardware New Product/Technology Launches

Table 23. Edge AI Hardware Industry Partnerships, Agreements, and Collaborations

Table 24. Edge AI Hardware Industry Mergers and Acquisitions

Table 25. Global Edge AI Hardware Market Size by Regions 2024-2030 (\$ Millions)

Table 26. Global Edge AI Hardware Market Size Market Share by Regions 2024-2030

Table 27. United States Edge AI Hardware Market Size by Type (2024-2030) (\$ Millions)

Table 28. United States Edge AI Hardware Market Size Market Share by Type (2024-2030)

Table 29. United States Edge AI Hardware Market Size by Application (2024-2030) (\$ Millions)

Table 30. United States Edge AI Hardware Market Size Market Share by Application (2024-2030)

Table 31. Europe Edge AI Hardware Market Size by Type (2024-2030) (\$ Millions)

Table 32. Europe Edge AI Hardware Market Size Market Share by Type (2024-2030)

Table 33. Europe Edge AI Hardware Market Size by Application (2024-2030) (\$ Millions)

Table 34. Europe Edge AI Hardware Market Size Market Share by Application (2024-2030)

Table 35. China Edge AI Hardware Market Size by Type (2024-2030) (\$ Millions)

Table 36. China Edge AI Hardware Market Size Market Share by Type (2024-2030)

Table 37. China Edge AI Hardware Market Size by Application (2024-2030) (\$ Millions)

Table 38. China Edge AI Hardware Market Size Market Share by Application (2024-2030)

Table 39. Rest of World Edge AI Hardware Market Size by Type (2024-2030) (\$ Millions)

Table 40. Rest of World Edge AI Hardware Market Size Market Share by Type (2024-2030)

Table 41. Rest of World Edge AI Hardware Market Size by Application (2024-2030) (\$ Millions)

Table 42. Rest of World Edge AI Hardware Market Size Market Share by Application (2024-2030)

Table 43. Key Market Drivers & Growth Opportunities of Edge AI Hardware

Table 44. Key Market Challenges & Risks of Edge AI Hardware

Table 45. Key Industry Trends of Edge AI Hardware

Table 46. Company A Company Details

Table 47. Companies Invested by Company A

Table 48. Company A Key Development and Market Layout

Table 49. Company B Company Details

Table 50. Companies Invested by Company B

Table 51. Company B Key Development and Market Layout

Table 52. Company C Company Details

Table 53. Companies Invested by Company C

Table 54. Company C Key Development and Market Layout

Table 55. Company C Company Details

Table 56. Companies Invested by Company C

Table 57. Company C Key Development and Market Layout

Table 58. Intel Basic Information, Head Office, Major Market Areas and Its Competitors

Table 59. Intel Edge AI Hardware Market Size (2024 VS 2030)

Table 60. NVIDIA Basic Information, Head Office, Major Market Areas and Its Competitors

Table 61. NVIDIA Edge AI Hardware Market Size (2024 VS 2030)

Table 62. Samsung Basic Information, Head Office, Major Market Areas and Its Competitors

Table 63. Samsung Edge AI Hardware Market Size (2024 VS 2030)

Table 64. Huawei Basic Information, Head Office, Major Market Areas and Its Competitors

Table 65. Huawei Edge AI Hardware Market Size (2024 VS 2030)

Table 66. Google Basic Information, Head Office, Major Market Areas and Its Competitors

Table 67. Google Edge AI Hardware Market Size (2024 VS 2030)

Table 68. MediaTek Basic Information, Head Office, Major Market Areas and Its Competitors

Table 69. MediaTek Edge AI Hardware Market Size (2024 VS 2030)

Table 70. Xilinx Basic Information, Head Office, Major Market Areas and Its Competitors

Table 71. Xilinx Edge AI Hardware Market Size (2024 VS 2030)

Table 72. Imagination Technologies Basic Information, Head Office, Major Market Areas and Its Competitors

Table 73. Imagination Technologies Edge AI Hardware Market Size (2024 VS 2030)

Table 74. Microsoft Basic Information, Head Office, Major Market Areas and Its Competitors

Table 75. Microsoft Edge AI Hardware Market Size (2024 VS 2030)

Table 76. Qualcomm Basic Information, Head Office, Major Market Areas and Its Competitors

Table 77. Qualcomm Edge AI Hardware Market Size (2024 VS 2030)

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Edge AI Hardware
- Figure 2. Edge AI Hardware Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Edge AI Hardware Market Size Growth Rate 2024-2030 (\$ Millions)
- Figure 7. Edge AI Hardware Market Size by Region (2024 & 2030) (\$ millions)
- Figure 8. Global Edge AI Hardware Market Size Market Share by Type (2024-2030)
- Figure 9. Global Smartphones Market Size Growth Rate
- Figure 10. Global Cameras Market Size Growth Rate
- Figure 11. Global Robots Market Size Growth Rate
- Figure 12. Global Automobile Market Size Growth Rate
- Figure 13. Global Smart Speakers Market Size Growth Rate
- Figure 14. Global Wearables Market Size Growth Rate
- Figure 15. Global Smart Mirror Market Size Growth Rate
- Figure 16. Global Processor Market Size Growth Rate
- Figure 17. Global Others Market Size Growth Rate
- Figure 18. Edge AI Hardware in City Surveillance
- Figure 19. Global Edge AI Hardware Market: City Surveillance (2024-2030) (\$ Millions)
- Figure 20. Edge AI Hardware in Mobile Internet
- Figure 21. Global Edge AI Hardware Market: Mobile Internet (2024-2030) (\$ Millions)
- Figure 22. Edge AI Hardware in Others
- Figure 23. Global Edge AI Hardware Market: Others (2024-2030) (\$ Millions)
- Figure 24. Global Edge AI Hardware Market Size Market Share by Application (2024-2030)
- Figure 25. Global Edge AI Hardware Market Size in City Surveillance Growth Rate
- Figure 26. Global Edge AI Hardware Market Size in Mobile Internet Growth Rate
- Figure 27. Global Edge AI Hardware Market Size in Others Growth Rate
- Figure 28. Funding/Investment
- Figure 29. Global Edge AI Hardware Market Size Market Share by Regions 2024-2030
- Figure 30. United States Edge AI Hardware Market Size 2024-2030 (\$ Millions)
- Figure 31. China Edge AI Hardware Market Size 2024-2030 (\$ Millions)
- Figure 32. Europe Edge AI Hardware Market Size 2024-2030 (\$ Millions)
- Figure 33. Rest of World Edge AI Hardware Market Size 2024-2030 (\$ Millions)
- Figure 34. United States Edge AI Hardware Consumption Market Share by Type in

2030

Figure 35. United States Edge AI Hardware Market Size Market Share by Application in 2030

Figure 36. China Edge AI Hardware Consumption Market Share by Type in 2030

Figure 37. China Edge AI Hardware Market Size Market Share by Application in 2030

Figure 38. Europe Edge AI Hardware Consumption Market Share by Type in 2030

Figure 39. Europe Edge AI Hardware Market Size Market Share by Application in 2030

Figure 40. Rest of World Edge AI Hardware Consumption Market Share by Type in 2030

Figure 41. Rest of World Edge AI Hardware Market Size Market Share by Application in 2030

I would like to order

Product name: Global Edge AI Hardware Market Growth (Status and Outlook) 2024-2030

Product link: <https://marketpublishers.com/r/GD69A2E2FDA0EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GD69A2E2FDA0EN.html>