

Artificial Intelligence for Edge Devices Market in Japan - Industry Outlook and Forecast 2020-2026

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Abstracts

Artificial intelligence (AI) processing today is mostly done in a cloud-based data center. The majority of AI processing is dominated by training of deep learning models, which requires heavy compute capacity. Artificial intelligence for edge devices means that AI software algorithms are processed locally on a hardware device. The algorithms are using data (sensor data or signals) that are created on the device. A device using Edge AI software does not need to be connected in order to work properly, it can process data and take decisions independently without a connection. In this report, artificial intelligence for edge devices contains software tools, platforms, artificial intelligence chip.

This report contains market size and forecasts of Artificial Intelligence for Edge Devices in Japan, including the following market information:

Japan Artificial Intelligence for Edge Devices Market Revenue, 2015-2020, 2021-2026, (\$ millions)

Top Five Competitors in Japan Artificial Intelligence for Edge Devices Market 2019 (%)
The global Artificial Intelligence for Edge Devices market was valued at 2452.4 million in 2019 and is projected to reach US\$ 6131.1 million by 2026, at a CAGR of 25.7% during the forecast period. While the Artificial Intelligence for Edge Devices market size in Japan was US\$ XX million in 2019, and it is expected to reach US\$ XX million by the end of 2026, with a CAGR of XX% during 2020-2026.

COVID-19 pandemic has big impact on Artificial Intelligence for Edge Devices businesses, with lots of challenges and uncertainty faced by many players of Artificial Intelligence for Edge Devices in Japan.

This report also analyses and evaluates the COVID-19 impact on Artificial Intelligence

for Edge Devices market size in 2020 and the next few years in Japan

Total Market by Segment:

Japan Artificial Intelligence for Edge Devices Market, By Type, 2015-2020, 2021-2026
(\$ millions)

Japan Artificial Intelligence for Edge Devices Market Segment Percentages, By Type,
2019 (%)

Hardware

Software

Japan Artificial Intelligence for Edge Devices Market, By Application, 2015-2020,
2021-2026 (\$ millions)

Japan Artificial Intelligence for Edge Devices Market Segment Percentages, By
Application, 2019 (%)

Automotive

Consumer and Enterprise Robotics

Drones

Head-Mounted Displays

Smart Speakers

Mobile Phones

PCs/Tablets

Security Cameras

Competitor Analysis

The report also provides analysis of leading market participants including:

Total Artificial Intelligence for Edge Devices Market Competitors Revenues in Japan, by

Players 2015-2020 (Estimated), (\$ millions)

Total Artificial Intelligence for Edge Devices Market Competitors Revenues Share in Japan, by Players 2019 (%)

Further, the report presents profiles of competitors in the market, including the following:

Microsoft

Qualcomm

Intel

Google

Alibaba

NVIDIA

Arm

Horizon Robotics

Baidu

Synopsys

Cambricon

MediaTek

Mythic

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Artificial Intelligence for Edge Devices Market Definition
- 1.2 Market Segments
 - 1.2.1 Segment by Type
 - 1.2.2 Segment by Application
- 1.3 COVID-19 Impact: Japan Artificial Intelligence for Edge Devices Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 JAPAN ARTIFICIAL INTELLIGENCE FOR EDGE DEVICES OVERALL MARKET SIZE

- 2.1 Japan Artificial Intelligence for Edge Devices Market Size: 2020 VS 2026
- 2.2 Japan Artificial Intelligence for Edge Devices Revenue, Prospects & Forecasts: 2015-2026

3 COMPANY LANDSCAPE

- 3.1 Top Artificial Intelligence for Edge Devices Players in Japan (including Foreign and Local Companies)
- 3.2 Top Japan Artificial Intelligence for Edge Devices Companies Ranked by Revenue
- 3.3 Japan Artificial Intelligence for Edge Devices Revenue by Companies (including Foreign and Local Companies)
- 3.4 Top 3 and Top 5 Artificial Intelligence for Edge Devices Companies in Japan, by Revenue in 2019
- 3.5 Japan Manufacturers Artificial Intelligence for Edge Devices Product Type
- 3.6 Tier 1, Tier 2 and Tier 3 Artificial Intelligence for Edge Devices Players in Japan
 - 3.6.1 List of Japan Tier 1 Artificial Intelligence for Edge Devices Companies
 - 3.6.2 List of Japan Tier 2 and Tier 3 Artificial Intelligence for Edge Devices Companies

4 SIGHTS BY PRODUCT

4.1 Overview

4.1.1 By Type - Japan Artificial Intelligence for Edge Devices Market Size Markets, 2020 & 2026

4.1.2 Hardware

4.1.3 Software

4.2 By Type - Japan Artificial Intelligence for Edge Devices Revenue & Forecasts

4.2.1 By Type - Japan Artificial Intelligence for Edge Devices Revenue, 2015-2020

4.2.2 By Type - Japan Artificial Intelligence for Edge Devices Revenue, 2021-2026

4.2.3 By Type - Japan Artificial Intelligence for Edge Devices Revenue Market Share, 2015-2026

5 SIGHTS BY APPLICATION

5.1 Overview

5.1.1 By Application - Japan Artificial Intelligence for Edge Devices Market Size, 2020 & 2026

5.1.2 Automotive

5.1.3 Consumer and Enterprise Robotics

5.1.4 Drones

5.1.5 Head-Mounted Displays

5.1.6 Smart Speakers

5.1.7 Mobile Phones

5.1.8 PCs/Tablets

5.1.9 Security Cameras

5.2 By Application - Japan Artificial Intelligence for Edge Devices Revenue & Forecasts

5.2.1 By Application - Japan Artificial Intelligence for Edge Devices Revenue, 2015-2020

5.2.2 By Application - Japan Artificial Intelligence for Edge Devices Revenue, 2021-2026

5.2.3 By Application - Japan Artificial Intelligence for Edge Devices Revenue Market Share, 2015-2026

6 PLAYERS PROFILES

6.1 Microsoft

6.1.1 Microsoft Corporate Summary

6.1.2 Microsoft Business Overview

6.1.3 Microsoft Artificial Intelligence for Edge Devices Major Product Offerings

6.1.4 Microsoft Revenue in Japan (2015-2020)

- 6.1.5 Microsoft Key News
- 6.2 Qualcomm
 - 6.2.1 Qualcomm Corporate Summary
 - 6.2.2 Qualcomm Business Overview
 - 6.2.3 Qualcomm Artificial Intelligence for Edge Devices Major Product Offerings
 - 6.2.4 Qualcomm Revenue in Japan (2015-2020)
 - 6.2.5 Qualcomm Key News
- 6.3 Intel
 - 6.3.1 Intel Corporate Summary
 - 6.3.2 Intel Business Overview
 - 6.3.3 Intel Artificial Intelligence for Edge Devices Major Product Offerings
 - 6.3.4 Intel Revenue in Japan (2015-2020)
 - 6.3.5 Intel Key News
- 6.4 Google
 - 6.4.1 Google Corporate Summary
 - 6.4.2 Google Business Overview
 - 6.4.3 Google Artificial Intelligence for Edge Devices Major Product Offerings
 - 6.4.4 Google Revenue in Japan (2015-2020)
 - 6.4.5 Google Key News
- 6.5 Alibaba
 - 6.5.1 Alibaba Corporate Summary
 - 6.5.2 Alibaba Business Overview
 - 6.5.3 Alibaba Artificial Intelligence for Edge Devices Major Product Offerings
 - 6.5.4 Alibaba Revenue in Japan (2015-2020)
 - 6.5.5 Alibaba Key News
- 6.6 NVIDIA
 - 6.6.1 NVIDIA Corporate Summary
 - 6.6.2 NVIDIA Business Overview
 - 6.6.3 NVIDIA Artificial Intelligence for Edge Devices Major Product Offerings
 - 6.6.4 NVIDIA Revenue in Japan (2015-2020)
 - 6.6.5 NVIDIA Key News
- 6.7 Arm
 - 6.6.1 Arm Corporate Summary
 - 6.6.2 Arm Business Overview
 - 6.6.3 Arm Artificial Intelligence for Edge Devices Major Product Offerings
 - 6.4.4 Arm Revenue in Japan (2015-2020)
 - 6.7.5 Arm Key News
- 6.8 Horizon Robotics
 - 6.8.1 Horizon Robotics Corporate Summary

- 6.8.2 Horizon Robotics Business Overview
- 6.8.3 Horizon Robotics Artificial Intelligence for Edge Devices Major Product Offerings
- 6.8.4 Horizon Robotics Revenue in Japan (2015-2020)
- 6.8.5 Horizon Robotics Key News
- 6.9 Baidu
 - 6.9.1 Baidu Corporate Summary
 - 6.9.2 Baidu Business Overview
 - 6.9.3 Baidu Artificial Intelligence for Edge Devices Major Product Offerings
 - 6.9.4 Baidu Revenue in Japan (2015-2020)
 - 6.9.5 Baidu Key News
- 6.10 Synopsys
 - 6.10.1 Synopsys Corporate Summary
 - 6.10.2 Synopsys Business Overview
 - 6.10.3 Synopsys Artificial Intelligence for Edge Devices Major Product Offerings
 - 6.10.4 Synopsys Revenue in Japan (2015-2020)
 - 6.10.5 Synopsys Key News
- 6.11 Cambricon
 - 6.11.1 Cambricon Corporate Summary
 - 6.11.2 Cambricon Artificial Intelligence for Edge Devices Business Overview
 - 6.11.3 Cambricon Artificial Intelligence for Edge Devices Major Product Offerings
 - 6.11.4 Cambricon Revenue in Japan (2015-2020)
 - 6.11.5 Cambricon Key News
- 6.12 MediaTek
 - 6.12.1 MediaTek Corporate Summary
 - 6.12.2 MediaTek Artificial Intelligence for Edge Devices Business Overview
 - 6.12.3 MediaTek Artificial Intelligence for Edge Devices Major Product Offerings
 - 6.12.4 MediaTek Revenue in Japan (2015-2020)
 - 6.12.5 MediaTek Key News
- 6.13 Mythic
 - 6.13.1 Mythic Corporate Summary
 - 6.13.2 Mythic Artificial Intelligence for Edge Devices Business Overview
 - 6.13.3 Mythic Artificial Intelligence for Edge Devices Major Product Offerings
 - 6.13.4 Mythic Revenue in Japan (2015-2020)
 - 6.13.5 Mythic Key News
- 6.14 NXP
 - 6.14.1 NXP Corporate Summary
 - 6.14.2 NXP Artificial Intelligence for Edge Devices Business Overview
 - 6.14.3 NXP Artificial Intelligence for Edge Devices Major Product Offerings
 - 6.14.4 NXP Revenue in Japan (2015-2020)

6.14.5 NXP Key News

7 KEY MARKET TRENDS & INFLUENCES 2021-2026

7.1 PESTLE Analysis for Japan Artificial Intelligence for Edge Devices Market

7.2 Market Opportunities & Trends

7.3 Market Drivers

7.4 Market Restraints

8 CONCLUSION

9 APPENDIX

9.1 Note

9.2 Examples of Clients

9.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Key Players of Artificial Intelligence for Edge Devices in Japan
- Table 2. Top Players in Japan, Ranking by Revenue (2019)
- Table 3. Japan Artificial Intelligence for Edge Devices Revenue by Companies, (US\$, Mn), 2015-2020
- Table 4. Japan Artificial Intelligence for Edge Devices Revenue Share by Companies, 2015-2020
- Table 5. Japan Artificial Intelligence for Edge Devices Sales by Companies, (K Units), 2015-2020
- Table 6. Japan Artificial Intelligence for Edge Devices Sales Share by Companies, 2015-2020
- Table 7. Key Manufacturers Artificial Intelligence for Edge Devices Price (2015-2020) (US\$/Unit)
- Table 8. Japan Manufacturers Artificial Intelligence for Edge Devices Product Type
- Table 9. List of Japan Tier 1 Artificial Intelligence for Edge Devices Companies, Revenue (US\$, Mn) in 2019 and Market Share
- Table 10. List of Japan Tier 2 and Tier 3 Artificial Intelligence for Edge Devices Companies, Revenue (US\$, Mn) in 2019 and Market Share
- Table 11. By Type - Artificial Intelligence for Edge Devices Revenue in Japan (US\$, Mn), 2015-2020
- Table 12. By Type - Artificial Intelligence for Edge Devices Revenue in Japan (US\$, Mn), 2021-2026
- Table 13. By Type - Artificial Intelligence for Edge Devices Sales in Japan (K Units), 2015-2020
- Table 14. By Type - Artificial Intelligence for Edge Devices Sales in Japan (K Units), 2021-2026
- Table 15. By Application - Artificial Intelligence for Edge Devices Revenue in Japan, (US\$, Mn), 2015-2020
- Table 16. By Application - Artificial Intelligence for Edge Devices Revenue in Japan, (US\$, Mn), 2021-2026
- Table 17. By Application - Artificial Intelligence for Edge Devices Sales in Japan, (K Units), 2015-2020
- Table 18. By Application - Artificial Intelligence for Edge Devices Sales in Japan, (K Units), 2021-2026
- Table 19. Microsoft Corporate Summary
- Table 20. Microsoft Artificial Intelligence for Edge Devices Product Offerings

Table 21. Microsoft Artificial Intelligence for Edge Devices Revenue (US\$, Mn), (2015-2020)

Table 22. Qualcomm Corporate Summary

Table 23. Qualcomm Artificial Intelligence for Edge Devices Product Offerings

Table 24. Qualcomm Artificial Intelligence for Edge Devices Revenue (US\$, Mn), (2015-2020)

Table 25. Intel Corporate Summary

Table 26. Intel Artificial Intelligence for Edge Devices Product Offerings

Table 27. Intel Artificial Intelligence for Edge Devices Revenue (US\$, Mn), (2015-2020)

Table 28. Google Corporate Summary

Table 29. Google Artificial Intelligence for Edge Devices Product Offerings

Table 30. Google Artificial Intelligence for Edge Devices Revenue (US\$, Mn), (2015-2020)

Table 31. Alibaba Corporate Summary

Table 32. Alibaba Artificial Intelligence for Edge Devices Product Offerings

Table 33. Alibaba Artificial Intelligence for Edge Devices Revenue (US\$, Mn), (2015-2020)

Table 34. NVIDIA Corporate Summary

Table 35. NVIDIA Artificial Intelligence for Edge Devices Product Offerings

Table 36. NVIDIA Artificial Intelligence for Edge Devices Revenue (US\$, Mn), (2015-2020)

Table 37. Arm Corporate Summary

Table 38. Arm Artificial Intelligence for Edge Devices Product Offerings

Table 39. Arm Artificial Intelligence for Edge Devices Revenue (US\$, Mn), (2015-2020)

Table 40. Horizon Robotics Corporate Summary

Table 41. Horizon Robotics Artificial Intelligence for Edge Devices Product Offerings

Table 42. Horizon Robotics Artificial Intelligence for Edge Devices Revenue (US\$, Mn), (2015-2020)

Table 43. Baidu Corporate Summary

Table 44. Baidu Artificial Intelligence for Edge Devices Product Offerings

Table 45. Baidu Artificial Intelligence for Edge Devices Revenue (US\$, Mn), (2015-2020)

Table 46. Synopsys Corporate Summary

Table 47. Synopsys Artificial Intelligence for Edge Devices Product Offerings

Table 48. Synopsys Artificial Intelligence for Edge Devices Revenue (US\$, Mn), (2015-2020)

Table 49. Cambricon Corporate Summary

Table 50. Cambricon Artificial Intelligence for Edge Devices Product Offerings

Table 51. Cambricon Artificial Intelligence for Edge Devices Revenue (US\$, Mn),

(2015-2020)

Table 52. MediaTek Corporate Summary

Table 53. MediaTek Artificial Intelligence for Edge Devices Product Offerings

Table 54. MediaTek Artificial Intelligence for Edge Devices Revenue (US\$, Mn),

(2015-2020)

Table 55. Mythic Corporate Summary

Table 56. Mythic Artificial Intelligence for Edge Devices Product Offerings

Table 57. Mythic Artificial Intelligence for Edge Devices Revenue (US\$, Mn),

(2015-2020)

Table 58. NXP Corporate Summary

Table 59. NXP Artificial Intelligence for Edge Devices Product Offerings

Table 60. NXP Artificial Intelligence for Edge Devices Revenue (US\$, Mn), (2015-2020)

List Of Figures

LIST OF FIGURES

Figure 1. Artificial Intelligence for Edge Devices Segment by Type

Figure 2. Artificial Intelligence for Edge Devices Segment by Application

Figure 3. Japan Artificial Intelligence for Edge Devices Market Overview: 2020

Figure 4. Key Caveats

Figure 5. Artificial Intelligence for Edge Devices Market Size in Japan, (US\$, Mn): 2020 VS 2026

Figure 6. Japan Artificial Intelligence for Edge Devices Revenue, 2015-2026 (US\$, Mn)

Figure 7. The Top 3 and 5 Players Market Share by Artificial Intelligence for Edge Devices Revenue in 2019

Figure 8. By Type - Japan Artificial Intelligence for Edge Devices Incremental Growth, (US\$, Mn), 2015-2026

Figure 9. By Type - Japan Artificial Intelligence for Edge Devices Market Share, 2015-2026

Figure 10. By Application - Artificial Intelligence for Edge Devices Revenue in Japan (US\$, Mn), 2020 & 2026

Figure 11. By Application - Japan Artificial Intelligence for Edge Devices Market Share, 2015-2026

Figure 12. PEST Analysis for Japan Artificial Intelligence for Edge Devices Market in 2020

Figure 13. Artificial Intelligence for Edge Devices Market Opportunities & Trends in Japan

Figure 14. Artificial Intelligence for Edge Devices Market Drivers in Japan

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