

Japan Edge AI Market to Reach \$40.81 Billion by 2030 from \$7.79 Billion in 2020, Growing at 20.0% CAGR

WILMINGTON, NEW CASTLE, DE, UNITED STATES, June 23, 2026 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, "[Japan Edge AI Market](#) by Offering, and End User: Opportunity Analysis and Industry Forecast, 2021–2030," the Japan edge AI market size was valued at \$7.79 billion in 2020, and is projected to reach \$40.81 billion by 2030, growing at a CAGR of 20.0% from 2021 to 2030.



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Edge intelligence is being heralded as the next-generation technology paradigm for real-world intelligent applications and services that accelerate, augment, and automate most industrial and human operations in real-time. Real-time data capture, purification, and crunching on AI edge computing devices can result in a variety of real-time applications, which is opportunistic for the market in Japan. In addition, the use of data analytics and AI applications in edge computing applications are witnessing growth across Japan's automotive, robotics, and

manufacturing sectors, owing to the ability to access hitherto undiscovered, sophisticated, and situation-aware services.

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Rise in enterprise workload on the cloud platforms and rise in demand and trends toward smart wearables is anticipated to drive the market growth during the forecast period. Further, a rise in demand for intelligence applications is expected to drive the market growth. However, surge in privacy and security concerns related to edge AI solutions is anticipated to restrain the market growth. In addition, the emergence of the 5G network to bring IT and telecom together is expected to provide lucrative opportunities for the Japan edge AI industry during the forecast period.

According to Japan edge AI market analysis, the hardware segment was the highest contributor to the market in 2020. The manufacturing/robotics and other segments collectively accounted for around 54.9% market share in 2020. Surge in adoption of intelligence application across

manufacturing, healthcare, and logistics sector has led the growth of hardware segment; thereby, enhancing the Japan edge AI market growth.

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The emergence of COVID-19 has significantly impacted the Japan edge AI market growth due to the Japanese government's slow deployment of artificial intelligence solutions across major corporations, which has slowed the expansion of edge AI during the pandemic. However, the Japan edge AI market had a positive impact, owing to rise in the adoption of edge artificial intelligence solutions for the complete automation of work. Further, the growth of coral AI solutions across the healthcare industry in Japan has been fueled by an increase in financing and research in artificial intelligence solutions that provide safety and security. In addition, the automotive and manufacturing sector in Japan is witnessing a surge in the adoption of a digital solution, which is projected to drive the Japan's edge AI market trends in the coming years.

Key Findings Of The Study

In 2020, the hardware segment accounted for the maximum revenue and is projected to grow at a notable CAGR of 18.5% during the forecast period.

The automotive/mobility and manufacturing/robotics together accounted for around 36.2% of the Japan edge AI market share in 2020.

The service segment is projected to growth at a CAGR of 24.5% during the forecast period.

If you have any questions, Please feel free to contact our analyst at:

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