

# Neuromorphic Processing Market to Hit USD 11.29 | Market Size, Share, Trends, Analysis and Forecast 2027

*The growth of the market is attributed to the requirement of better performing ICs and increase in demand for AI and machine learning*

VANCOUVER, BC, CANADA, June 24, 2022 /EINPresswire.com/ -- The global [Neuromorphic Processing Market](#) is projected to reach USD 11.29 billion by 2027, according to a recent report by Emergen Research.



The primary factors driving the growth of the market include expansion within the sensors market; increasing demand for AI and machine learning; faster adoption of software in applications like continuous online learning, predictive analysis, real-time data streaming and data modelling; requirement for efficient ICs; accelerating demand for neuromorphic processing in applications like machine vision, video monitoring and voice identification.

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Market Size – USD 2.60 Billion in 2019, Market Growth - CAGR of 20.1%, Market Trends – Higher rates of adoption of neuromorphic computing for security purposes”

*Emergen Research*

The main advantage of neuromorphic chips is that they can process the knowledge faster than the regular processors, which helps the defense industry in processing battlefield data, including resource and weapon management. The growing requirement for testing and transmitting signals in this industry is mainly driving the expansion of the neuromorphic computing marketplace for the aerospace and defense industry.

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Competitive Terrain:

The Global Neuromorphic Processing Market is highly consolidated due to the presence of a large number of companies across this industry. The report discusses the current market standing of these companies, their past performances, demand and supply graph, production and consumption patterns, sales network, distribution channels, and growth opportunities in the market at length. The report scrutinizes the strategic approach of key market players towards expanding their product offerings and fortifying their market foothold.

Key participants include IBM Corp., HP Corp., Samsung Electronics Ltd., Intel Corp., HRL Laboratories, LLC, General Vision Inc., Applied Brain Research, BrainChip Holdings Ltd. and General Vision Inc. among others.

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Key Findings from the Report Suggest:

In July 2019, an 8 million-neuron neuromorphic system named Pohoiki Beach was launched by Intel Corporation. It has 64 Loihi research chips developed for the research community. Pohoiki Beach allows the researchers to experiment with brain-inspired research chip, Loihi in order to rescale the neural-inspired algorithms that comprises of sparse coding, path planning and simultaneous localization and mapping (SLAM).

The signal recognition technology is being utilized across a wide range of applications, due to the rigorous advancements in computing power leading to the widespread adoption of mobile and cloud-based engineering, which makes it the fastest growing application for neuromorphic computing.

Black lead which is expandable in nature is the most preferred flame agent. This is because any business considers this as an environmentally friendly answer to the matter.

Emergen Research has segmented into the global Neuromorphic Processing Market on the applications, end user and region:

Applications Outlook (Revenue, USD Billion; 2017-2027)

Signal Processing

Image Processing

Data Processing

Object Detection

Others

End User Outlook (Revenue, USD Billion; 2017-2027)

Consumer Electronics

Automotive

Healthcare

Military and Defense

Others

To know more about the report @ <https://www.emergenresearch.com/industry-report/neuromorphic-processing-market>

Regional Analysis:

North America (U.S., Canada)

Latin America (Chile, Brazil, Argentina, Rest of Latin America)

Europe (U.K., Italy, Germany, France, Rest of EU)

Asia Pacific (India, Japan, China, South Korea, Australia, Rest of APAC)

Middle East & Africa (Saudi Arabia, the U.A.E., South Africa, Rest of MEA)

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About Us:

At Emergen Research, we believe in advancing with technology. We are growing market research and strategy consulting company with an exhaustive knowledge base of cutting-edge and potentially market-disrupting technologies that are predicted to become more prevalent in the coming decade.

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