

# Global Photonic Neuron Chip Market Growth 2022-2028

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# **Abstracts**

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

The global market for Photonic Neuron Chip is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Photonic Neuron Chip market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Photonic Neuron Chip market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Photonic Neuron Chip market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Photonic Neuron Chip market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Photonic Neuron Chip players cover Applied Brain Research, BrainChip Holdings, Hewlett Packard Enterprise, Samsung Group and IBM Corp, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage



This latest report provides a deep insight into the global Photonic Neuron Chip market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Photonic Neuron Chip market, with both quantitative and qualitative data, to help readers understand how the Photonic Neuron Chip market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

Market Segmentation:

The study segments the Photonic Neuron Chip market and forecasts the market size by Type (Signal Processing, Data Processing and Image Identification), by Application (Aviation, Telecommunications, Car and Others), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Signal Processing

Data Processing

Image Identification

Segmentation by application

Aviation

Telecommunications

Car



Others

Segmentation 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

Major companies covered

Applied Brain Research

**BrainChip Holdings** 

Hewlett Packard Enterprise

Samsung Group

IBM Corp

**General Vision** 

Intel Corp

**Chapter Introduction** 

Chapter 1: Scope of Photonic Neuron Chip, Research Methodology, etc.

Chapter 2: Executive Summary, global Photonic Neuron Chip market size (sales and revenue) and CAGR, Photonic Neuron Chip market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.



Chapter 3: Photonic Neuron Chip sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Photonic Neuron Chip sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Photonic Neuron Chip market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Applied Brain Research, BrainChip Holdings, Hewlett Packard Enterprise, Samsung Group, IBM Corp, General Vision and Intel Corp, etc.

Chapter 14: Research Findings and Conclusion



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