

# Global Edge Artificial Intelligence (AI) Chip Market Growth 2023-2029

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#### **Abstracts**

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In order to provide greater security and efficiency, many data centers are overseeing the widespread implementation of artificial intelligence (AI) in their processes and systems. AI technologies and tasks require specialized AI chips that are more powerful and optimized for advanced machine learning (ML) algorithms, owning to an overall growth in data center chip revenues.

Edge computing is a fast-growing market, with the forecast global revenue set to reach nine billion U.S. dollars by 2024. Capital expenditure on edge computing devices and infrastructure is projected to amount to a staggering 146 billion U.S. dollars by 2028. The global edge data center market size is expected to reach 13.5 billion U.S. dollars in 2024, twice the size of the market in 2020, with experts suggesting that the growth of emerging technologies like 5G and IoT will contribute to this growth.

LPI (LP Information)' newest research report, the "Edge Artificial Intelligence (AI) Chip Industry Forecast" looks at past sales and reviews total world Edge Artificial Intelligence (AI) Chip sales in 2022, providing a comprehensive analysis by region and market sector of projected Edge Artificial Intelligence (AI) Chip sales for 2023 through 2029. With Edge Artificial Intelligence (AI) Chip sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Edge Artificial Intelligence (AI) Chip industry.

This Insight Report provides a comprehensive analysis of the global Edge Artificial Intelligence (AI) Chip landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and



M&A activity. This report also analyzes the strategies of leading global companies with a focus on Edge Artificial Intelligence (AI) Chip portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Edge Artificial Intelligence (AI) Chip market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Edge Artificial Intelligence (AI) Chip and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Edge Artificial Intelligence (AI) Chip.

The global Edge Artificial Intelligence (AI) Chip market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Edge Artificial Intelligence (AI) Chip is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Edge Artificial Intelligence (AI) Chip is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

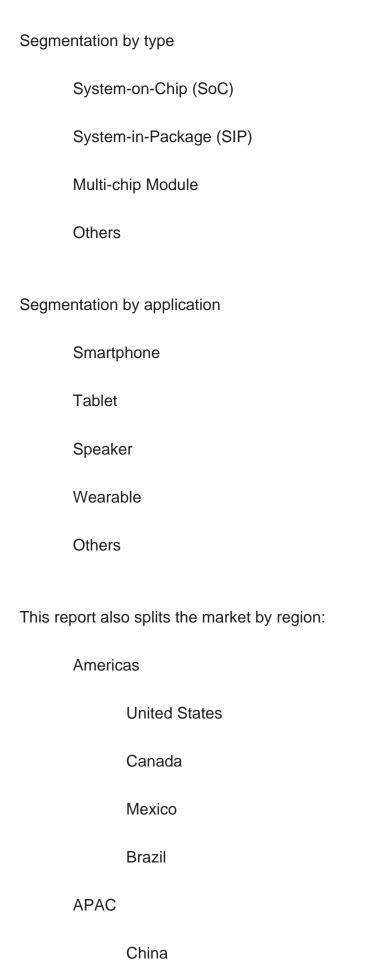
Europe market for Edge Artificial Intelligence (AI) Chip is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Edge Artificial Intelligence (AI) Chip players cover Qualcomm, MediaTek, STMicroelectronics, Rockchip, Advanced Micro Devices (AMD), Adapteva, Inc, Alphabet Inc, Analog Devices, Inc and Applied Materials, Inc., etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Edge Artificial Intelligence (AI) Chip market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:









The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.



Qualcomm
MediaTek
STMicroelectronics
Rockchip
Advanced Micro Devices (AMD)
Adapteva, Inc
Alphabet Inc
Analog Devices, Inc
Applied Materials, Inc.
Bitmain Technologies Ltd.
Broadcom Limited
Cambricon Technologies Corporation Limited
Graphcore Ltd.
Groq
Gyrfalcon Technology Inc.
Horizon Robotics, Inc.
Huawei Technologies Co. Ltd.
Intel Corporation
Knuedge, Inc.
Krtkl Inc.



Micron Technology, Inc.		
Microsemi Corporation		
Mythic, Inc.		
NEC Corporation		
NXP Semiconductors N.V.		
SK Hynix, Inc.		
Key Questions Addressed in this Report		
Rey Questions Addressed in this Report		
What is the 10-year outlook for the global Edge Artificial Intelligence (AI) Chip market?		
What factors are driving Edge Artificial Intelligence (AI) Chip market growth, globally and by region?		
Which technologies are poised for the fastest growth by market and region?		
How do Edge Artificial Intelligence (AI) Chip market opportunities vary by end market size?		
How does Edge Artificial Intelligence (AI) Chip break out type, application?		
What are the influences of COVID-19 and Russia-Ukraine war?		



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