

Edge Artificial Intelligence Chips Market Size, Share And Growth Analysis For 2024-2033

The Business Research Company's Edge Artificial Intelligence Chips Global Market Report 2024 – Market Size, Trends, And Global Forecast 2024-2033

LONDON, GREATER LONDON, UK, June 24, 2024 /EINPresswire.com/ -- The edge artificial intelligence chips market, also known as edge AI processors or inference chips, has experienced rapid expansion in recent years. It is

expected to grow from \$5.04 billion in 2023 to \$5.99 billion in 2024, reflecting a compound annual growth rate (CAGR) of 18.7%. This growth can be attributed to their applications across various sectors such as medical fields, virtual and augmented reality, gaming, robotics, and industrial automation.



The Business
Research Company

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Emerging Technologies Drive Market Expansion

The market is poised for substantial growth, projected to reach \$11.68 billion by 2028, with a CAGR of 18.2%. This growth is driven by the emergence of 5G technology, miniaturization of tracking devices, wider adoption in navigation systems, demand for 3D positioning, and increasing use in wearables. Key trends in this period include the rise of minimally invasive surgical procedures, expansion in oncology and orthopedic applications,

integration with augmented reality and navigation systems, and development of portable and wireless tracking systems.

Explore the global edge artificial intelligence chips market with a detailed sample report:
https://www.thebusinessresearchcompany.com/sample_request?id=13645&type=smp

Leading Players and Innovation

Major companies like Apple Inc., Alphabet Inc., Samsung Electronics Co. Ltd., and Qualcomm Technologies Inc. are driving innovation in the market. These companies are focusing on

developing edge AI developer platforms to enhance profitability. For instance, Ambarella Inc. launched the Cooper Developer Platform in January 2024, which integrates AI System-on-Chips (SoCs) and hardware solutions, streamlining AI model development for edge devices.

Current Trends Shaping the Market

In addition to technological advancements, the surge in data volume from social media and e-commerce platforms is a significant [driver for the edge AI chips market](#). This data enables faster, personalized, and secure user experiences while optimizing platform operations in real time. The anticipated growth in online retail and social media commerce further underscores the market's potential.

Segments:

- Chip Type: Central Processing Unit (CPU), Graphics Processing Unit (GPU), Application-Specific Integrated Circuit (ASIC), Field Programmable Gate Arrays (FPGAs)
- Device Type: Consumer Devices, Enterprise Devices
- Function: Training, Inference
- End-Use Industry: Automotive, Manufacturing, Healthcare, Consumer Electronics, Others

Regional Insights: Asia-Pacific Leading Growth

North America dominated [the edge artificial intelligence chips market in 2023](#), while Asia-Pacific is expected to witness the fastest growth during the forecast period. The comprehensive report provides detailed insights into regional dynamics, market trends, and growth opportunities.

Access the complete report for an in-depth analysis of the global edge artificial intelligence chips market: <https://www.thebusinessresearchcompany.com/report/edge-artificial-intelligence-chips-global-market-report>

[Edge Artificial Intelligence Chips Global Market Report 2024](#) from TBRC covers the following information:

- Market size data for the forecast period: Historical and Future
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

Trends, opportunities, strategies and so much more.

The Edge Artificial Intelligence Chips Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on edge artificial intelligence chips market size, edge artificial intelligence chips market drivers and trends, edge artificial intelligence chips market major players, competitors' revenues, market positioning, and market growth across geographies. The edge artificial intelligence chips market report helps you gain in-depth insights on opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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About The Business Research Company

The Business Research Company has published over 27 industries, spanning over 8000+ markets and 60+ geographies. The reports draw on 1,500,000 datasets, extensive secondary research, and exclusive insights from interviews with industry leaders.

Global Market Model – Market Intelligence Database

The Global Market Model, The Business Research Company's flagship product, is a market intelligence platform covering various macroeconomic indicators and metrics across 60 geographies and 27 industries. The Global Market Model covers multi-layered datasets that help its users assess supply-demand gaps.

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