

Global Edge AI ICs Supply, Demand and Key Producers, 2024-2030

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Abstracts

The global Edge AI ICs market size is expected to reach \$ 7822.7 million by 2030, rising at a market growth of 15.8% CAGR during the forecast period (2024-2030).

Edge AI is an emerging technology that combines the power of artificial intelligence (AI) with the advantages of edge computing, enabling the processing of data and execution of AI algorithms directly on devices at the edge of the network, rather than relying on centralized cloud-based systems.

This report studies the global Edge AI ICs production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Edge AI ICs, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Edge AI ICs that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Edge AI ICs total production and demand, 2019-2030, (K Units)

Global Edge AI ICs total production value, 2019-2030, (USD Million)

Global Edge AI ICs production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Edge AI ICs consumption by region & country, CAGR, 2019-2030 & (K Units)

U.S. VS China: Edge AI ICs domestic production, consumption, key domestic manufacturers and share

Global Edge AI ICs production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global Edge AI ICs production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Edge AI ICs production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global Edge AI ICs market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include NVIDIA, Intel, AMD Xilinx, Google, Qualcomm, NXP, STMicroelectronics, Texas Instruments and Kneron, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Edge AI ICs market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global Edge AI ICs Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Edge AI ICs Market, Segmentation by Type

Audio And Sound Processing

Machine Vision

Sensor Data Analysis

Others

Global Edge AI ICs Market, Segmentation by Application

Automotive

Robotics

Smart Manufacturing

Smart City

Security & Surveillance

Others

Companies Profiled:

NVIDIA

Intel

AMD Xilinx

Google

Qualcomm

NXP

STMicroelectronics

Texas Instruments

Kneron

Hailo

Ambarella

Hisilicon

Cambricon

Horizon Robotics

Black Sesame Technologies

Corerain

Amlogic

Ingenic Semiconductor

Fuzhou Rockchip Electronics

OmniVision

Key Questions Answered

1. How big is the global Edge AI ICs market?
2. What is the demand of the global Edge AI ICs market?
3. What is the year over year growth of the global Edge AI ICs market?
4. What is the production and production value of the global Edge AI ICs market?
5. Who are the key producers in the global Edge AI ICs market?

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