

Global Embedded Al Computing Platform Market 2025 by Company, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Embedded AI Computing Platform market size was valued at US\$ 1297 million in 2024 and is forecast to a readjusted size of USD 2012 million by 2031 with a CAGR of 6.5% during review period.

Over the last decade, the use of Embedded AI Computing Platform has witnessed tremendous growth in recent years due to increased usage in end-user industries. Embedded AI computing system is a combination of AI software and applications which are designed to perform certain dedicated task and function in an electrical device. Embedded AI system helps and assists in producing actionable results for end-users via the use of advanced analytics. With the use of AI systems, the business can improve its performance and customer experience. Microprocessors, microcontrollers, and other software supported with chips are important for embedded AI systems. AI is ben also employed in video games such as bots in the game which are designed to play as an opponent where humans are desired or can't stand. Since the embedded system is designed and dedicated to a specific task, end users can use it to reduce the cost of the product and to improve reliability and performance. These systems have diverse features such as high speed, adaptability, accuracy, and low power consumption performing functions such as data processing, simplification and transmitting data, and others.

As an important force driving a new round of scientific and technological revolution, artificial intelligence has been of national strategic importance. Many governments introduces polices and increase capital investment to support AI companies. The Digital Europe plan adopted by the European Union will allocate €9.2 billion on high-tech



investments, such as supercomputing, artificial intelligence, and network security. In order to maintain its leading position, the United States will increase its investment in artificial intelligence research and development in non-defense fields, from US\$1.6 billion to US\$1.7 billion in 2022. According to the latest data released by IDC, global artificial intelligence revenue was US\$432.8 billion in 2022, a year-on-year increase of 19.41%, including software, hardware and services.

This report is a detailed and comprehensive analysis for global Embedded AI Computing Platform market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Embedded AI Computing Platform market size and forecasts, in consumption value (\$ Million), 2020-2031

Global Embedded AI Computing Platform market size and forecasts by region and country, in consumption value (\$ Million), 2020-2031

Global Embedded Al Computing Platform market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2020-2031

Global Embedded Al Computing Platform market shares of main players, in revenue (\$ Million), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Embedded Al Computing Platform

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

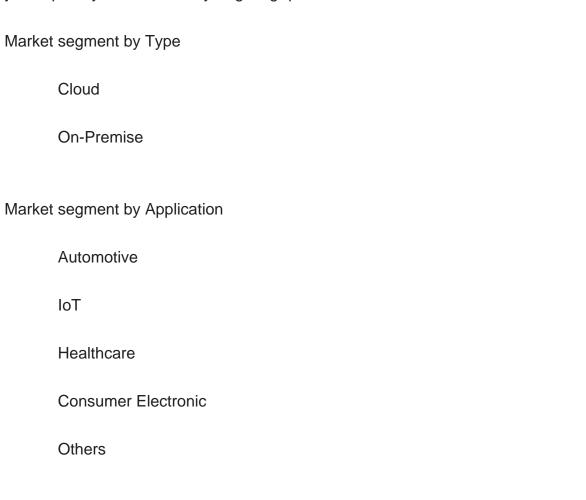


This report profiles key players in the global Embedded AI Computing Platform market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Ascent, Osaro, Riskified, Nvidia, Nuro, Tempus, DataRobot, Freenome, Grammarly, CloudMinds, etc.

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

Market segmentation

Embedded AI Computing Platform market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.



Market segment by players, this report covers

Ascent



Osaro
Riskified
Nvidia
Nuro
Tempus
DataRobot
Freenome
Grammarly
CloudMinds
H20.ai
Nauto
Sift Science
SoundHound
Market segment by regions, regional analysis covers
North America (United States, Canada and Mexico)
Europe (Germany, France, UK, Russia, Italy and Rest of Europe)
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)
South America (Brazil, Rest of South America)



Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Embedded AI Computing Platform product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Embedded AI Computing Platform, with revenue, gross margin, and global market share of Embedded AI Computing Platform from 2020 to 2025.

Chapter 3, the Embedded AI Computing Platform competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2020 to 2031

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2020 to 2025.and Embedded AI Computing Platform market forecast, by regions, by Type and by Application, with consumption value, from 2026 to 2031.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Embedded AI Computing Platform.

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