

Global Embedded Processor Market Size study, by Product Type (Microprocessor, Microcontrollers, Digital Signal Processor, Embedded FPGA, and Others), by Application (Consumer Electronics, Automotive & Transportation, Industrial, Healthcare, IT & Telecom, Aerospace & Defense, and Others), and Regional Forecasts 2021-2027

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Abstracts

Global Embedded Processor Market is valued approximately at USD 20.95 Billion in 2020 and is anticipated to grow with a healthy growth rate of more than 8.20% over the forecast period 2021-2027. Embedded processor is a type of computer chip that can handle multiple processors in real time and handles all the operations of a computer. It is used to control electrical and mechanical systems. It also provides features such as storing and retrieving data from the memory. The global Embedded Processor market is being driven by the rising consumption of embedded processors in various end uses such as electronics, mechanical, electrical and others. Another important driving factor is the rising demand for its high processing speed and storage capacity. Furthermore, the increase in demand for the consumer electronics, new product launches and the continuous advancement in the technology will provide new opportunities for the global embedded processor industry. For instance, in May 2021, CAST and Fraunhofer IPMS launched RISC-V Functional Safety Processor IP Core for automotive, airborne, and other safety-critical applications. However, high implementation cost and lack of skilled workforce available may impede market growth over the forecast period of 2021-2027.

The global Embedded Processor Market is segmented on the basis of the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the leading region across the world in terms of market share due to

increase in research and development activities and presence of large information technology companies have stimulated product demand in the region. Whereas Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2021-2027 due to the rising adoption of internet-of-things and rising per capita income in the region.

Major market player included in this report are:

NXP Semiconductors
Broadcom Corporation
STMicroelectronics
Intel Corporation
Infineon Technologies AG
Analog Devices Inc.
Renesas Electronics
Microchip Technology Inc.
Texas Instruments
ON Semiconductor

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product Type:

Microprocessor
Microcontrollers
Digital Signal Processor
Embedded FPGA
Others

By Application:

Consumer Electronics
Automotive & Transportation
Industrial
Healthcare

IT & Telecom
Aerospace & Defense
Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019

Base year – 2020

Forecast period – 2021 to 2027.

Target Audience of the Global Embedded Processor Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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