

Global System on Module (SOM) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global System on Module (SOM) market size was valued at USD 1748.1 million in 2023 and is forecast to a readjusted size of USD 2929.7 million by 2030 with a CAGR of 7.7% during review period.

The System on Module is an alternative to single board computers for embedded systems offering a more flexible and contoured solution. It is designed to plug into a carrier, or base board, and is generally a small processor module with a CPU and standard I/O capability. The complex effort associated with designing a CPU subsystem is avoided by using SoM functionality and a custom base board.

A System on Module (SoM) offers a unique approach to product development and the often fully custom electronics typically contained within sophisticated devices. A SoM helps system designers realize a fully customized electronics assembly, complete with custom interfaces and form factor without the effort of a ground-up electronics design.

Advantech, Kontron, Artesyn Embedded, MSC Technologies (Avnet) and Congatec are the top 6 players of System on Module (SOM), with about 50% market shares.

The Global Info Research report includes an overview of the development of the System on Module (SOM) industry chain, the market status of Defense & Aerospace (ARM, X86), Communications (ARM, X86), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of System on Module (SOM).



Regionally, the report analyzes the System on Module (SOM) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global System on Module (SOM) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the System on Module (SOM) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the System on Module (SOM) industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., ARM, X86).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the System on Module (SOM) market.

Regional Analysis: The report involves examining the System on Module (SOM) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the System on Module (SOM) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to System on Module (SOM):

Company Analysis: Report covers individual System on Module (SOM) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and



strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards System on Module (SOM) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Defense & Aerospace, Communications).

Technology Analysis: Report covers specific technologies relevant to System on Module (SOM). It assesses the current state, advancements, and potential future developments in System on Module (SOM) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the System on Module (SOM) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

System on Module (SOM) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

ARM

X86

Power PC

Others

Market segment by Application

Defense & Aerospace



Communications
Medical
Automations &Control
Automotive & Transport
Others
ajor players covered
Advantech
Kontron
Artesyn Embedded
MSC Technologies (Avnet)
Congatec
ADLink
DFI
Portwell
Axiomtek
Eurotech
Phytec
Avalue Technology
Digi International





sales, revenue and global market share of System on Module (SOM) from 2019 to



2024.

Chapter 3, the System on Module (SOM) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the System on Module (SOM) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023.and System on Module (SOM) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of System on Module (SOM).

Chapter 14 and 15, to describe System on Module (SOM) sales channel, distributors, customers, research findings and conclusion.



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