

Global ARM System on Module (SoM) Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global ARM System on Module (SoM) market size is expected to reach \$ 1561.2 million by 2029, rising at a market growth of 14.6% CAGR during the forecast period (2023-2029).

The key manufacturers of ARM System on Module (SoM) include Advantech, Microchip Technology, Inc., Digi International Inc., CompuLab, Kontron, Avnet Embedded (MSC Technologies), etc. The top six have a combined market share of about 35%.

The Asia-Pacific region, Europe and North America are the main markets of the products, among which the Asia-Pacific region accounts for about 39%, ranking first in the world. The Asia-Pacific market is expected to expand further.

ARM System on Module (SoM) is mainly divided into Qseven standard, SMARC standard, and COMExpress standard. SMARC standard and COMExpress standard both have around 30% of the market.

In terms of application, it is mainly used in industrial automation, automotive&transport, medical, defense&aerospace, communications and other aspects.

Industrial automation accounts for the largest proportion, currently reaching more than 28%, and will continue to increase in the future.

ARM System on Module (SoM) is an embedded computer system that contains an ARM-based microprocessor, memory, flash storage, and various peripheral interfaces, all integrated onto a single printed circuit board (PCB) module. SoMs are designed to be highly compact, low-power, and provide high-performance computing capabilities. They

offer standardized interfaces and packaging, making it easy to integrate into other systems, reducing development costs and time. The customer only needs to develop or integrate the mainboard, power supply, and peripheral devices to create a complete system suitable for various embedded applications.

This report studies the global ARM System on Module (SoM) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for ARM System on Module (SoM), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of ARM System on Module (SoM) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global ARM System on Module (SoM) total production and demand, 2018-2029, (K Units)

Global ARM System on Module (SoM) total production value, 2018-2029, (USD Million)

Global ARM System on Module (SoM) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global ARM System on Module (SoM) consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: ARM System on Module (SoM) domestic production, consumption, key domestic manufacturers and share

Global ARM System on Module (SoM) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global ARM System on Module (SoM) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global ARM System on Module (SoM) production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global ARM System on Module (SoM) 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 Advantech Co. Ltd., Digi International Inc, Kontron, Avnet Embedded (MSC Technologies), Congatec GmbH, ADLink, Variscite, Axiomtek and Toradex, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World ARM System on Module (SoM) 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 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global ARM System on Module (SoM) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global ARM System on Module (SoM) Market, Segmentation by Type

Qseven Standard

SMARC Standard

COMExpress Standard

Others

Global ARM System on Module (SoM) Market, Segmentation by Application

Industrial Automation

Automotive & Transport

Medical

Defense & Aerospace

Communications

Others

Companies Profiled:

Advantech Co. Ltd.

Digi International Inc

Kontron

Avnet Embedded (MSC Technologies)

Congatec GmbH

ADLink

Variscite

Axiomtek

Toradex

Microchip Technology, Inc.

SECO

CompuLab

Mistral

Emcraft Systems

NetBurner

SoMLabs

Microprogram Information

Key Questions Answered

1. How big is the global ARM System on Module (SoM) market?
2. What is the demand of the global ARM System on Module (SoM) market?
3. What is the year over year growth of the global ARM System on Module (SoM) market?
4. What is the production and production value of the global ARM System on Module (SoM) market?
5. Who are the key producers in the global ARM System on Module (SoM) market?
6. What are the growth factors driving the market demand?

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