

Global Mobile SoC Market Size study, by Operating System (Android, iOS) by Core Type (Quad Core, Octa Core, Hexa Core, Others), and Regional Forecasts 2022-2032

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Abstracts

Global Mobile System-on-Chip (SoC) Market was valued at approximately USD 736.27 million in 2023 and is expected to grow at a compound annual growth rate (CAGR) of 17.98% over the forecast period from 2024-2032. Mobile SoC is an integrated circuit that consolidates critical components such as CPU, GPU, memory, connectivity modules, and various other hardware components into a single chip, acting as the powerhouse within mobile devices. The CPU functions as the device's brain, executing instructions and managing tasks, while the GPU enhances graphics-related functions, ensuring a superior visual and gaming experience.

The Global Mobile SoC Market is poised to witness significant growth due to the increasing demand for mobile devices with enhanced capabilities and advanced features. The growing emphasis on power efficiency for longer battery life is also a crucial factor driving market expansion. Additionally, the rise in edge computing necessitates high-performance SoCs for AI inference, while the increasing adoption of smartphones in emerging markets presents untapped growth potential. Moreover, rising adoption of smartphone is anticipated to create lucrative opportunities for the market. However, intense competition among mobile manufacturers, and high manufacturing cost is going to impede the overall demand for the market during the forecast period 2024-2032.

The key regions considered for the Global Mobile SoC Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. In 2023, Asia-Pacific emerged as the largest market share in terms of revenue owing to rapid adoption of smartphones and advancements in mobile technology. The region's dominance is expected to continue throughout the forecast period, with significant

contributions from countries such as China, India, and South Korea.

Furthermore, the market in Asia Pacific is anticipated to develop at the fastest rate over the forecast period 2024-2032.

Major market players included in this report are:

NXP Semiconductors

Intel Corporation

Apple Inc

Huawei Technologies

Advanced Micro Devices, Inc.

Unisoc (Shanghai) Technologies Co., Ltd.

NVIDIA Corporation

MediaTek Inc.

Samsung Electronics Co. Ltd

Qualcomm Technologies, Inc

The detailed segments and sub-segment of the market are explained below:

By Operating System

- Android
- iOS

By Core Type

- Quad Core
- Octa Core
- Hexa Core
- 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

Middle East & Africa

- Saudi Arabia
- South Africa
- RoMEA

Years considered for the study are as follows:

- Historical year – 2022
- Base year – 2023
- Forecast period – 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.
- Annualized revenues and regional level analysis for each market segment.
- Detailed analysis of geographical landscape with Country level analysis of major regions.
- Competitive landscape with information on major players in the market.
- Analysis of key business strategies and recommendations on future market approach.
- Analysis of competitive structure of the market.
- Demand side and supply side analysis of the market

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