

Single Board Computer Market Valued at US\$ 3,362.6 Million in 2023, Projected to Reach US\$ 7,486.1 Million by 2032

Single Board Computer Market to Grow at a CAGR of 9.3% from 2024 to 2032, Driven by Increasing Demand in IoT, Industrial Automation, and Embedded Systems

CHICAGO, CA, UNITED STATES, September 10, 2024 /

EINPresswire.com/ -- The global

single board computer market (SBC) was valued at US\$ 3,362.6 million in 2023 and is projected to

hit a remarkable valuation of US\$ 7,486.1 million by 2032, exhibiting a robust compound annual growth rate (CAGR) of 9.3% from 2024 to 2032. This growth is fueled by increasing demand across industries such as automotive, healthcare, industrial automation, and consumer electronics.

For more information, please visit: <https://www.astuteanalytica.com/request-sample/single-board-computer-market>

The SBC market has seen rapid advancements in technology, leading to the development of more powerful and compact solutions that meet the demands of IoT, artificial intelligence, and machine learning applications. Companies operating in the SBC space are focusing on product innovations and strategic partnerships to strengthen their market presence.

As industries adopt more complex technologies, the demand for SBCs, which offer high performance and cost-efficiency, is expected to continue rising. The Asia Pacific region is anticipated to be a key contributor to market growth due to the presence of major electronics manufacturers and rising investment in industrial automation.

Key Market Segments:

Market Size in 2023: US\$ 3,362.6 million



Market Size: US\$ 7,486.1 billion

Forecast: 9.3% from 2024 to 2032

Key Drivers: Rising demand for IoT, AI, industrial automation, and compact computing solutions

Key Regions: Asia Pacific, North America, and Europe

Key Players:

- AAeon Electronics, Inc.
- ABACO SYSTEMS
- ADES Corporation
- ADLINK Technology Inc.
- American Portwell Technology, Inc.
- ARBOR Technology
- Arm Limited
- ArmorLink International
- Axiomtek Co., Ltd.
- Curtiss-Wright Corporation
- Digi-Key Electronics
- Emerson Electric Co.
- Eurotech
- EVOC Intelligent Technology Company Limited
- GE Intelligent Platform
- IEL Integration Corp.
- Intel Corporation
- Kontron
- LeMaker
- Mercury Systems, Inc.
- Qualcomm Technologies, Inc.
- Raspberry Pi
- Trenton Systems, Inc.
- Other Prominent Players

For more information, visit: <https://www.astuteanalytics.com/industry-report/single-board-computer-market>

Key Segments:

Key Applications:

- Solution
 - o VME
 - o cPCI

- o VPX
- o xTCA
- o Others
 - Service
- o System Integration
- o Customization
- o After-Sales

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- ARM
- AMD
- Celeron
- RabbitCore
- X86
- Atom
- PowerPC
- Others

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- < 2GB
- 2-8 GB
- 8-24 GB
- 24-128 GB
- 128-512 GB
- > 512 GB

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- Box/Bulk
- Tray

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- Test & Measurement
- Communication
- Data Processing
- Research
- Others

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- Industrial Automation
- Aerospace & Defense
- Transportation
- Medical
- Entertainment
- Others

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- North America
 - The U.S.
 - Canada
 - Mexico
- Europe
 - Western Europe
 - U.K.
 - Germany
 - France
 - Spain
 - Italy
 - Rest of Western Europe
 - Eastern Europe
 - Poland
 - Russia
 - Rest of Eastern Europe
- Asia Pacific
 - China
 - India
 - Japan
 - Australia & New Zealand
 - ASEAN
 - Rest of Asia Pacific
- Middle East & Africa (MEA)
 - UAE
 - Saudi Arabia
 - South Africa
 - Rest of MEA
- South America
 - Argentina
 - Brazil
 - Rest of South America

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Aamir Beg

Astute Analytica

+ +1 888-429-6757

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