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Asia Pacific Single Board Computer Market By Processor (X86, ARM, ATOM, and PowerPC), By End User (Industrial Automation, Aerospace & Defense, Consumer Electronics, Healthcare and Others), By Country, Industry Analysis and Forecast, 2020 - 2026

https://marketpublishers.com/r/AFD9B2FB6858EN.html
Date: November 2020
Pages: 96
Price: US$ 1,500.00 (Single User License)
ID: AFD9B2FB6858EN

Abstracts

The Asia Pacific Single Board Computer Market would witness market growth of 7.7% CAGR during the forecast period (2020-2026).

The single-board computer market is anticipated to enroll significant development in the upcoming years because of expansion in demand for industrial automation and demand from the aviation &defense industry. Single-board computers are utilized in every aspect of human life. They are incorporated into the majority of the devices because of their compact size and high efficiency. A single-board computer looks precisely like a motherboard of a standard personal computer; nonetheless, it contains all that is needed for a fully-functional computer. It is significantly utilized across applications, for example, kiosk counters, military rugged devices, medical equipment, and industrial automation.

The important components that influence the development of the worldwide single board computer market to incorporate the benefits of single board computers over the conventional ones. There is a high demand for single-board computers in the aviation and defense industry and rugged embedded computers, attributable to the design constraints and all the important segments to be incorporated on a single board. Notwithstanding, the complicated process of integration of different segments on to a single board limits the development of the market. Besides, increment in the use of single-board computers in healthcare and consumer electronics equipment is assessed to give rewarding opportunities to the single board computer market development during

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the forecast period.

The effect of COVID-19 on the manufacturing business has fundamentally influenced the worldwide economy. Electronic components, for example, PCBs, LED chips and wafers, ICs, and other semiconductor devices, are generally imported from China. The costs of semiconductor components have expanded by 2-3%, attributable to a shortage of supplies because of the closure of manufacturing units. However, before the year 2020 gets finished, the single board computer industry is anticipated to continue its supply chain operation.

Based on Processor, the market is segmented into X86, ARM, ATOM, and PowerPC. Based on End User, the market is segmented into Industrial Automation, Aerospace & Defense, Consumer Electronics, Healthcare and Others. Based on countries, the market is segmented into China, Japan, India, South Korea, Singapore, Malaysia, and Rest of Asia Pacific.

The market research report covers theanalysis of key stake holders of the market. Key companies profiled in the report include Qualcomm, Inc., Xilinx, Inc., Texas Instruments, Inc., Intel Corporation, Advantech Co., Ltd., Eurotech Group PLC, Digi International, Inc., Mercury Systems, Inc., Adlink Technology, Inc., and Aaeon Technologies, Inc.

Scope of the Study

Market Segmentation:

By Processor

X86

ARM

ATOM

PowerPC

By End User

Industrial Automation

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- Aerospace & Defense
- Consumer Electronics
- Healthcare
- Others

By Country

- China
- Japan
- India
- South Korea
- Singapore
- Malaysia
- Rest of Asia Pacific

Companies Profiled

- Qualcomm, Inc.
- Xilinx, Inc.
- Texas Instruments, Inc.
- Intel Corporation
- Advantech Co., Ltd.

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Eurotech Group PLC

Digi International, Inc.

Mercury Systems, Inc.

Adlink Technology, Inc.

Aaeon Technologies, Inc.

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