

Global Industrial PC (IPC) Market with Focus on Panel, Rack Mount and Box IPC: 2017-2021 Edition

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Abstracts

Scope of the Report

The report titled “Global Industrial PC (IPC) Market with Focus on Panel, Rack Mount and Box IPC: 2017-2021 Edition”, provides an in-depth analysis of the global industrial PC market by volume, by segments, by competitors, by region, etc.

The report also provides an insight of the end-use industrial PC market. Growth of the overall industrial PC market has also been forecasted for the period 2017-2021, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

The report also includes detailed analysis of leading players in the industry including Advantech Co. Pvt. Ltd., Siemens AG, Kontron AG and Adlink Technology Inc. on the basis of attributes such as business overview, recent developments, financials and strategies adopted by the market leaders in order to ensure growth, sustainability, etc.

Country Coverage

Americas

EMEA

Asia-Pacific

Company Coverage

Siemens AG

Kontron AG

Adlink Technology Inc.

Advantech Co. Pvt. Ltd.

Executive Summary

Industrial PC (IPC) is an X86 based computing platform that is used for industrial (or non-personal) applications. These are primarily used for process control and/or data acquisition. Apart from offering computing functionalities, IPCs are far different from regular PCs. IPCs are capable of operating in harsh environment such as on a production line, industrial facilities with high temperatures and moisture, or in an outdoor environment.

IPCs are broadly divided into six types- Panel IPC, Box IPC, Embedded IPC, DIN Rail IPC, Rack Mount IPC and Thin Client IPC. Out of these, Panel Industrial PC is the most dominant type of industrial PC globally. Industrial PCs are used in various industries such as Industrial, Transportation, Healthcare, Services, Telecom and Defense. Industrial business vertical is the most sought after end-use area for industrial PC globally.

Growth of global IPC industry is driven by subsequent growth of automated manufacturing, rise in robot ownership in Asia Pacific region and Smart city initiatives taken by various governments globally. However, factors such as high R&D intensity, implementation cost and high entry barrier in the industry are posing challenge to growth of the industry. Key trends prevailing in the industry includes rise in mergers and acquisitions in the industry globally and large number of PC vendors foraying into IPC industry.

Region-wise, the global Industrial PC (IPC) market is divided into Americas, Asia Pacific (APAC), Europe, Middle East and Africa (EMEA). Presently, EMEA is the world's largest industrial PC market, driven by presence of established sophisticated network systems. APAC follows at second position with leading markets such as China, Japan and Korea.

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