

Global Industrial PC (IPC) Market: Trends and Opportunities (2015-2019)

September 2015



Global Industrial PC Market Report

Scope of the Report

The report titled “Industrial PC (IPC) Market: Trends & Opportunities (2015-2019)”, analyzes the potential opportunities and significant trends in the IPC industry. The report provides detailed analysis of the IPC market sizing and future growth of IPC by various end-user applications for the period 2010-2014. The Industrial segment is expected to be the fastest growing segment for the next five years, due to technical advances. Furthermore, in IPC production, EMEA has the highest market share. The report also provides detailed market share analysis of the IPC Market by its various types. The industrial PC market has also been analyzed according to the Five Forces Framework.

The market size and forecast of the IPC market in value terms has been provided for the period 2015 to 2019, considering 2014 as the base year. Over the next five years, IPC industry market revenues are forecasted to grow with the wide usage in the industrial sector in the coming years. The report also profiles key market players such as Advantech Co. Ltd., Adlink Technology Inc., and Kontron AG on the basis of attributes such as company overview, recent developments, strategies adopted by the market leaders to ensure growth, sustainability, financial overview and recent developments.

Company Coverage

- Advantech Co. Ltd.
- Adlink Technology Inc.
- Kontron AG

Segmentation By Type

Panel IPC
Rack Mount IPC
Box IPC
Embedded Box IPC
Embedded Panel IPC
DIN Rail IPC with I/O
Thin Client

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Executive Summary

Industrial PCs are high-performance computing solutions that offer flexible I/O interface and display options. They help support multiple networks, peripherals, sensors, actuators, and displays. Traditionally, there are various types of IPC solution including panels, boxes, racks, embedded panels, embedded boxes and thin clients. These industrial PCs are used for various applications in industrial, transportation, medical, telecom, military and other sectors.

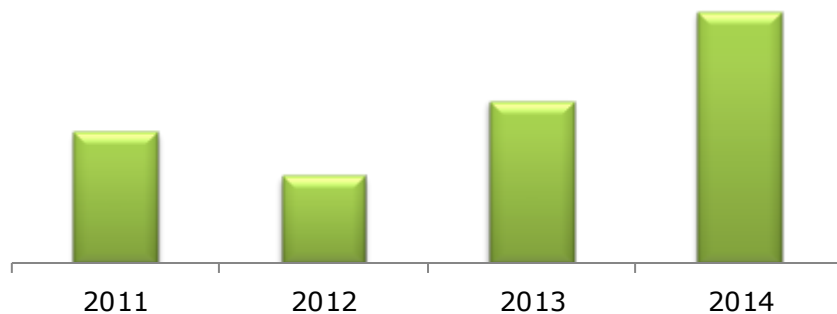
Superior features of an Industrial PC such as being fan-less, long product life, ability to perform in harsh environment make it an ideal material in the plethora of applications such as industrial sector, transportation, healthcare, services, telecom, defense etc. The factors leading to increased interest in the IPC market include demand for automation, increasing operational efficiency, growing need for IoT and Smart City. However, the market's potential is somewhat hindered by high price of the IPC, and lack of skilled labor. In spite of this, there is a huge opportunity for existing & new IPC producers.

Although, the adoption rate of IPC is increasing, mass-market adoption will not be achieved until a few major challenges are addressed. These challenges include high cost of Installation, entry of new players, and lack of effective product differentiation. Industrial sector and the transportation sector are the top contributors of the IPC market and together account for more than 50% of the IPC market. This growth is attributed to their wide application area. The advantages of IPC over normal PCs make it a very attractive market for investment.

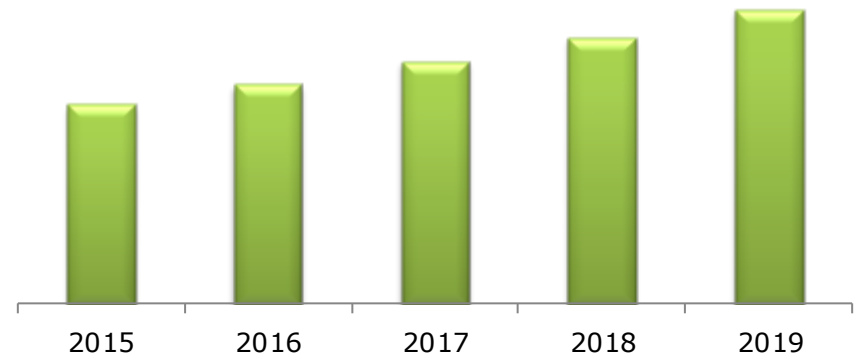
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Future growth in Industrial PC industry will likely be driven by an increasing rate of technological advancements in hardware and software. This includes: the Atom processor, increased computing power, increased ruggedness and failsafe industrial PCs.

Global Industrial PC Market Size; 2010-2014 (US\$ Million)



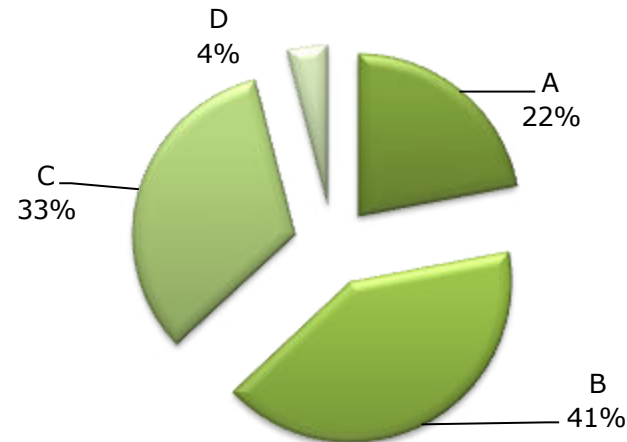
Global Industrial PC Market Forecast: 2015-2019 (US\$ Million)



- The market had enjoyed high growth rates until the economic crisis. However, the industrial PC market structure remains fragmented, with no dominant player on a regional or global level. In order to create a sustained growth plan in the Industrial Panel PC market, companies need to focus on opportunities that are now visible on the horizon.

Global Industrial PC Market: Regional Share

Global Industrial PC Market Share ; 2013



Global IPC Market Share by Asian Region; 2013

