
Description: 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

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.

Contents:

1. Executive Summary
2. Industrial PC (IPC) Market: An Introduction
   2.1 Difference between Industrial PCs and Commercial PCs
   2.2 Classification
      2.2.1 Classification by Types
      2.2.2 Classification by Final Application
   2.3 Advantages
   2.4 Disadvantages
3. IPC: Porter's Five Forces Analysis
4. Global Industrial PC (IPC) Market: An Analysis
4.1 Global IPC Market: Sizing and Growth (Actual & Forecast)
4.2 Global IPC Market Segmentation by Types: Sizing and Growth
4.2.1 Panel IPC
4.2.2 Rack Mount IPC
4.2.3 Box IPC
4.2.4 Embedded Box IPC
4.2.5 Embedded Panel IPC
4.2.6 DIN Rail IPC with I/O
4.2.7 Thin Client
4.3 Global Industrial PC (IPC) Market by End-Users: Sizing and Growth
4.3.1 Industrial
4.3.2 Transportation
4.3.3 Healthcare
4.3.4 Service
4.3.5 Telecom
4.3.6 Defense
4.3.7 Other
4.4 Global IPC Market by Medical Equipment Type: Actual & Forecast

5. Global Industrial PC (IPC) Market Share: An Analysis
5.1 By Type
5.2 By End-User
5.3 By Medical Equipment
5.4 By Region
5.4.1 by Asia

6. Market Dynamics: Global Industrial PC (IPC) Market
6.1 Growth Drivers
6.1.1 Increased Motivation to Automate the Process across Various Sectors
6.1.2 Smart City and Internet of Things (IoT)
6.1.3 Growing Need for Operational Efficiency
6.1.4 Increased Demand from Asia-Pacific Region
6.2 Challenges
6.2.1 Entry of New Players
6.2.2 Growing Security Concerns
6.2.3 High Implementation Cost
6.2.4 Lack of Effective Product Differentiation
6.3 Market Trends
6.3.1 Development of High-End Industrials
6.3.2 Increase Focus on Research and Development
6.3.3 Intel's Atom

7. Competitive Landscape: Global Industrial PC (IPC) Market

8. Company Profiles: Global Industrial PC (IPC) Market
8.1 Advantech Co., Ltd.
8.1.1 Business Overview
8.1.2 Financial Overview
8.1.3 Business Strategies
8.2 Adlink Technology Inc.
8.2.1 Business Overview
8.2.2 Financial Overview
8.2.3 Business Strategies
8.3 Kontron AG
8.3.1 Business Overview
8.3.2 Financial Overview
8.3.3 Business Strategies

List of Tables

Table 1: Difference between Industrial PC & Commercial PC
Table 2: IPC Industry Competitive Landscape; 2014

List of Figures

Figure 1: Types of Industrial PC
Figure 2: Classification by Final Application
Figure 3: IPC- Porter’s five Forces: An Analysis
Figure 4: Global IPC Market; 2011-2014 (US$ Million)
Figure 5: Global IPC Market Forecast; 2015-2019 (US$ Million)
Figure 6: Global Panel PC Market; 2013-2019 (US$ Million)
Figure 7: Global Rack Mount PC Market; 2013-2019 (US$ Million)
Figure 8: Global Box PC Market; 2013-2019 (US$ Million)
Figure 9: Global Embedded Box PC Market; 2013-2019 (US$ Million)
Figure 10: Global DIN Rail PC with I/O PC Market; 2013-2019 (US$ Million)
Figure 11: Global Thin Client PC Market; 2013-2019 (US$ Million)
Figure 12: Global Industrial IPC Market; 2013-2019 (US$ Million)
Figure 13: Global Transportation IPC Market; 2013-2019 (US$ Million)
Figure 14: Global Healthcare IPC Market; 2013-2019 (US$ Million)
Figure 15: Global Service IPC Market; 2013-2019 (US$ Million)
Figure 16: Global Telecom IPC Market; 2013-2019 (US$ Million)
Figure 17: Global Defense IPC Market; 2013-2019 (US$ Million)
Figure 18: Other Global IPC Market; 2013-2019 (US$ Million)
Figure 19: Global IPC Market by Medical Equipment Type; 2014 (US$ Million)
Figure 20: Global IPC Market by Medical Equipment Type Forecast; 2019 (US$ Million)
Figure 21: Global IPC Market Share by Types; 2013
Figure 22: Global IPC Market Share by End-User Applications; 2013
Figure 23: Global IPC Market Share by Medical Equipment Types; 2013
Figure 24: Global IPC Market Share by Region; 2013
Figure 25: Global IPC Market Share by Asian Region; 2013
Figure 26: Advantech Net Revenue; 2010-2014 (US$ Billion)
Figure 27: Advantech Sales Breakdown by Region; 1H14
Figure 28: Adlink Net Revenue; 2010-2014 (US$ Million)
Figure 29: Adlink Sales breakup by Region; 1H14
Figure 30: Kontron Net Revenue; 2010-2014 (US$ Million)
Figure 31: Kontron Global Business Unit Breakdown; 2014

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