Industrial PC Market by Hardware, Data Storage Media, Touchscreen Technology, Sales Channel, End-User Vertical, and Geography - Global Forecast to 2022

Description: “Industrial PC market to exhibit significant growth between 2016 and 2022”

The industrial PC was valued at USD 3.30 billion in 2016 and is expected to grow at a CAGR of 6.2% to reach USD 4.73 billion by 2022. The growth in this market can be attributed to the increasing penetration of IoT across manufacturing industries, high R&D investments by the manufacturing companies to promote the adoption of industrial PCs, rising demand for energy-efficient manufacturing operations, and growing emphasis on regulatory compliances.

“Panel industrial PCs held the largest share of the industrial PC market”

Panel industrial PCs held the largest size of the industrial PC market in 2016. The growth of the market for panel industrial PCs can be attributed to their distinct features such as compact chassis, high-performance platform, enhanced flexibility, better safety control, and user-friendly touchscreens. Panel industrial PCs are the most commonly used industrial PCs in the process and discrete industries for data acquisition and process control operations.

“Resistive touchscreen considered as leading technology in the industrial PC market”

Resistive is the most commonly used touchscreen technology in industrial PCs. This touchscreen technology can be implemented at a low cost. Its dominance in the market can be attributed to the advantages it offers, which include usability, stability, and cost-effectiveness. This touchscreen technology can be used in a wide range of industrial applications such as factory automation, automotive navigation devices, in-flight entertainment, medical equipment, and office automation.

“Industrial PC market for automotive industry to grow at a high rate between 2016 and 2022”

Industrial PCs help the automotive manufacturing companies response faster to supplier disruptions, manage scheduling and balancing of the workload on agile manufacturing lines, achieve seamless incorporation of changes in manufacturing process based on quality feedback, and meet the changing customer demands. Due to the above mentioned factors, the industrial PC market for the automotive industry is likely to grow at a significant rate during the forecast period.

“APAC to be the fastest-growing market for industrial PCs during the forecast period”

The market for industrial PC in APAC is expected to grow at a high rate between 2016 and 2022. This market growth can be attributed to the increasing demand for automating the manufacturing operations in this region. In addition, the increasing infrastructural investments in the energy and power sector, favorable government policies, and rapid industrialization are expected to propel the growth of the market for panel industrial PCs in APAC during the forecast period.

Break-up of the profiles of primary participants for the report has been given below:
- By Company Type: Tier 1 - 37%, Tier 2 - 33%, and Tier 3 - 30%
- By Designation: C-Level Executives - 71% and Directors - 29%
- By Region: North America - 32%, Europe - 28%, APAC - 26%, and RoW - 14%

The key players operating in the industrial PC market include Advantech Co., Ltd. (Taiwan), Beckhoff Automation GmbH & Co., KG (Germany), General Electric Co. (U.S.), Kontron AG (Germany), Mitsubishi Electric Corporation (Japan), OMRON Corporation (Japan), Panasonic Corporation (Japan), Rockwell Automation, Inc. (U.S.), Schneider Electric (France), and Siemens AG (Germany).

Research Coverage:
The research report on the global industrial PC market covers different segments—hardware, data storage media, touchscreen technology, sales channel, end-user vertical, and geography. The industrial PC market, on the basis of end-user vertical, has been further segmented into process industries and discrete industries.

The process industries include chemical, energy and power, food and beverages, oil and gas, pharmaceutical, and other process industries; and the discrete industries include aerospace and defense, automotive, medical devices, and semiconductor and electronics.

The report covers four major geographical regions—North America, Europe, Asia-Pacific (APAC), and Rest of the World (RoW).

Key Benefits of Buying the Report:

- Illustrative segmentation, analysis, and forecast of the market based on hardware, data storage media, touchscreen technology, sales channel, end-user vertical, and geography have been conducted to give an overall view of the industrial PC market.
- The Porter's five forces framework has been employed, along with the value chain analysis, to provide an in-depth insight into the industrial PC market.
- The major drivers, restraints, opportunities, and challenges for the industrial PC market have been detailed in this report.
- The report includes a detailed competitive landscape, along with the key players, in-depth analysis, and revenue of key players.
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