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 & 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.

Contents:

1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Scope of the Study
      1.3.1 Market Segmentation
      1.3.2 Years Considered for the Study
   1.4 Currency & Pricing
   1.5 Limitations
   1.6 Stakeholders

2 Research Methodology
   2.1 Research Data
   2.2 Value Chain Analysis - Industrial Automation
      2.2.1 Secondary and Primary Research
         2.2.1.1 Key Industry Insights
      2.2.2 Secondary Data
         2.2.2.1 Key Data From Secondary Sources
      2.2.3 Primary Data
         2.2.3.1 Primary Interviews With Experts
         2.2.3.2 Breakdown of Primary Interviews
         2.2.3.3 Key Data Points From Primary Sources
   2.3 Market Size Estimation
      2.3.1 Bottom-Up Approach
         2.3.1.1 Approach for Capturing the Market Share By Bottom-Up Analysis (Demand Side)
      2.3.2 Top-Down Approach
         2.3.2.1 Approach for Capturing the Market Share By Top-Down Analysis (Supply Side)
   2.4 Market Breakdown and Data Triangulation
   2.5 Research Assumptions

3 Executive Summary

4 Premium Insights - Industrial PC Market
   4.1 Industrial PC Market, 2016-2022 (USD Billion)
   4.2 Market, By Hardware (2016-2022)
   4.3 Market, By Data Storage Medium (2016-2022)
   4.4 Market, By Touchscreen Technology (2016)
   4.5 Market, By Sales Channel (2016)
   4.6 Market, By End-User Industry and Geography (2016)
   4.7 Market, By Geography (2016)
5 Market Overview
   5.1 Introduction
   5.2 Evolution of the Industrial PC Market
   5.3 Market Segmentation
      5.3.1 By Hardware
      5.3.2 By Data Storage Medium
      5.3.3 By Touchscreen Technology
      5.3.4 By Sales Channel
      5.3.5 By End-User Industry
      5.3.6 By Geography
   5.4 Market Dynamics
      5.4.1 Drivers
         5.4.1.1 Increasing Penetration of IoT Across Manufacturing Industries
         5.4.1.2 Steady Rise in the R&D Investments By Manufacturing Companies to Shift From
         Traditional Manufacturing Approach to Digitalized Method
         5.4.1.3 Rising Demand for Energy-Efficient Manufacturing Operations
         5.4.1.4 Growing Emphasis on Regulatory Compliances
      5.4.2 Restraints
         5.4.2.1 High Initial Costs Pertaining to the Implementation of Industrial PCs
         5.4.2.2 Increasing Security Threats
      5.4.3 Opportunities
         5.4.3.1 Growing Demand for Smart Energy Solutions
         5.4.3.2 Increasing Emphasis on Robust IT Infrastructure
      5.4.4 Challenges
         5.4.4.1 Collection of Relevant Manufacturing Data
         5.4.4.2 Fluctuating Prices of Oil and Gas is Hampering the Infrastructure Investments

6 Industry Trends
   6.1 Introduction
   6.2 Value Chain Analysis
   6.3 Porter's Five Forces Analysis
      6.3.1 Intensity of Competitive Rivalry
      6.3.2 Threat of Substitutes
      6.3.3 Bargaining Power of Buyers
      6.3.4 Bargaining Power of Suppliers
      6.3.5 Threat of New Entrants

7 Market Analysis, By Hardware
   7.1 Introduction
   7.2 Panel Industrial PC
   7.3 Rack Mount IPC
   7.4 Box IPC
   7.5 Embedded Box IPC
   7.6 Embedded Panel IPC
   7.7 Din Rail PC

8 Market, By Data Storage Medium
   8.1 Introduction
   8.2 Rotating
   8.3 Solid State

9 Market, By Touchscreen Technology
   9.1 Introduction
   9.2 Resistive
   9.3 Capacitive
   9.4 Others

10 Market, By Sales Channel
    10.1 Introduction
    10.2 Direct Sales
    10.3 Indirect Sales
11 Market, By End-User Industry
11.1 Introduction
11.2 Process Industries
   11.2.1 Chemical
   11.2.2 Energy & Power
   11.2.3 Food & Beverages (F&B)
   11.2.4 Oil & Gas
   11.2.5 Pharmaceutical
   11.2.6 Others
11.3 Discrete Industries
   11.3.1 Aerospace & Defense (A&D)
   11.3.2 Automotive
   11.3.3 Medical Devices
   11.3.4 Semiconductor & Electronics

12 Market, By Geography
12.1 Introduction
12.2 North America
   12.2.1 U.S.
   12.2.2 Canada
   12.2.3 Mexico
12.3 Europe
   12.3.1 Germany
   12.3.2 U.K.
   12.3.3 France
   12.3.4 Rest of Europe
12.4 APAC
   12.4.1 China
   12.4.2 Japan
   12.4.3 India
   12.4.4 Rest of APAC
12.5 Rest of the World (RoW)
   12.5.1 Middle East
   12.5.2 Africa

13 Competitive Landscape
13.1 Overview
13.2 Competitive Analysis
   13.2.1 Market Ranking Analysis of Industrial PC Market, 2015
13.3 Competitive Situation and Trends
   13.3.1 New Product Launches 2016
   13.3.2 Partnerships, Acquisitions, Agreements, Collaborations, and Joint Ventures 2016
   13.3.3 Expansions 2016

14 Company Profiles
14.1 Introduction
14.2 Advantech Co., Ltd.
14.3 Beckhoff Automation GmbH & Co. Kg
14.4 Kontron AG
14.5 Panasonic Corporation
14.6 Siemens AG
14.7 General Electric Co.
14.8 Mitsubishi Electric Corporation
14.9 Omron Corporation
14.10 Rockwell Automation, Inc.
14.11 Schneider Electric SE

List of Tables
Table 1 List of Major Secondary Sources
Table 2 Market, By Hardware
Table 3 Market, By Data Storage Medium
Table 4 Market, By Touchscreen Technology
Table 5 Market, By Sales Channel
Table 68 Most Significant New Product Launches/Developments in the Industrial PC Market
Table 69 Most Significant Partnerships/Agreements/Acquisitions/Collaborations in the Industrial PC Market
Table 70 Recent Expansions in the Industrial PC Market

List of Figures
Figure 1 Segmentation of the Industrial PC Market
Figure 2 Research Design
Figure 3 Value Chain - Industrial Automation
Figure 4 Market Size Estimation Methodology: Bottom-Up Approach
Figure 5 Market Size Estimation Methodology: Top-Down Approach
Figure 6 Data Triangulation Methodology
Figure 7 Assumptions of the Research Study
Figure 8 Industrial PC Market, 2016-2022 (USD Billion)
Figure 9 Market, By Hardware
Figure 10 Market, By Data Storage Medium: Rotating Data Storage Medium Held A Larger Share Than Solid-State Storage Medium of the Industrial PC Market in 2016
Figure 11 Market, By Touchscreen Technology
Figure 12 Market, By Sales Channel
Figure 13 Market, By Process Industry: Held the Largest Size of the Industrial PC Market Based on Process Industries in 2016
Figure 14 Market, By Discrete Industry: Automotive Industry Held the Largest Size of the Industrial PC Market Based on Discrete Industries in 2016
Figure 15 Market, By Geography: North America Held the Largest Share of the Industrial PC Market in 2016
Figure 16 Attractive Growth Opportunities in the Industrial PC Market
Figure 17 Market for Din Rail PC to Grow at the Highest CAGR During the Forecast Period
Figure 18 Market for Solid-State Data Storage Medium to Grow at A High Growth Rate Between 2016 and 2022
Figure 19 Market for Capacitive Touchscreen Technology-Based IPC to Grow at the Highest Rate During the Forecast Period
Figure 20 Direct Sales Held the Major Share of the Industrial PC Market in 2016
Figure 21 Oil & Gas Industry Held the Largest Share of the Industrial PC Market in 2016
Figure 22 Market in APAC to Grow at the Highest Rate During the Forecast Period
Figure 23 Impact of Industry 4.0 on Industrial PC
Figure 24 Segmentation of the Industrial PC Market
Figure 25 Market, By Geography
Figure 26 Increasing Penetration of IoT Across Manufacturing Industries to Drive the Growth of the Industrial PC Market
Figure 27 Value Chain Analysis: R&D and Assembly Phases Add Maximum Value
Figure 28 Porter's Five Forces Analysis: Industrial PC Market
Figure 29 Porter's Five Forces Analysis
Figure 30 Market: Intensity of Competitive Rivalry
Figure 31 Market: Threat of Substitutes
Figure 32 Market: Bargaining Power of Buyers
Figure 33 Market: Bargaining Power of Suppliers
Figure 34 Market: Threat of New Entrants
Figure 35 Market Segmentation, By Hardware
Figure 36 Panel Industrial PC Segment is Anticipated to Lead the Industrial PC Market Between 2016 and 2022
Figure 37 Market, By Data Storage Medium
Figure 38 Market for Solid State Data Storage Medium to Grow at the Highest CAGR Between 2016 and 2022
Figure 39 Rotating Data Storage to Hold the Larger Share of the Industrial PC Market During the Forecast Period
Figure 40 Market, By Touchscreen Technology
Figure 41 Resistive Touchscreen Technology is Leading the Industrial PC Market
Figure 42 Industrial PC Market, By Sales Channel
Figure 43 Industrial PC Market, By Indirect Sales
Figure 44 Process Industries to Hold the Largest Size of the Industrial PC Market By 2022
Figure 45 Oil & Gas Industry to Hold the Largest Size of the Industrial PC Market for Process Industries By 2022
Figure 46 Market for Chemical Industry in APAC to Grow at the Highest Rate During the Forecast Period
Figure 47 Market for the Energy & Power Industry in APAC to Grow at the Highest Rate During the Forecast Period
Figure 48 North America to Hold the Largest Size of the Industrial PC Market for Food & Beverages Industry
By 2022
Figure 49 Market for Oil & Gas Industry in APAC to Grow at the Highest Rate Between 2016 and 2022
Figure 50 North America to Hold the Largest Size of the Industrial PC Market for Pharmaceutical Industry By 2022
Figure 51 Market for Other Process Industries in APAC to Grow at the Highest Rate During the Forecast Period
Figure 52 Market for Automotive Industry to Grow at the Highest Rate During the Forecast Period
Figure 53 North America to Hold the Largest Size of the Industrial PC Market for Aerospace & Defense Industry By 2022
Figure 54 Market for Automotive Industry in APAC to Grow at the Highest Rate Between 2016 and 2022
Figure 55 Market for Medical Devices Industry in APAC is Likely to Grow at the Highest Rate During the Forecast Period
Figure 56 Market for Semiconductor & Electronics Industry in APAC to Grow at the Highest Rate During the Forecast Period
Figure 57 Geographic Snapshot: Global Industrial PC Market
Figure 58 Market in APAC to Grow at the Highest CAGR Between 2016 and 2022
Figure 59 Snapshot: Industrial PC Market in North America
Figure 60 Market in the U.S. Likely to Grow at the Highest CAGR During the Forecast Period
Figure 61 Snapshot: Industrial PC Market in Europe
Figure 62 Germany Held the Largest Share of the Market in Europe in 2016
Figure 63 China Held the Largest Share of the Market in APAC in 2016
Figure 64 Middle East to Dominate the Market in RoW During the Forecast Period
Figure 65 Companies Adopted New Product Launches as Key Growth Strategy Between 2014 and 2016
Figure 66 Market Evolution Framework: New Product Developments Fuelled the Growth of the Industrial PC Market
Figure 67 Battle for Market Share: New Product Launches is the Key Strategy
Figure 68 Geographic Revenue Mix of the Top 5 Players (2015)
Figure 69 Advantech Co., Ltd.: Company Snapshot
Figure 70 Advantech Co., Ltd.: SWOT Analysis
Figure 71 Beckhoff Automation GmbH & Co., Kg: Company Snapshot
Figure 72 Beckhoff Automation GmbH & Co. Kg: SWOT Analysis
Figure 73 Kontron AG: Company Snapshot
Figure 74 Kontron AG: SWOT Analysis
Figure 75 Panasonic Corporation: Company Snapshot
Figure 76 Panasonic Corporation: SWOT Analysis
Figure 77 Siemens AG: Company Snapshot
Figure 78 Siemens AG: SWOT Analysis
Figure 79 General Electric Co.: Company Snapshot
Figure 80 Mitsubishi Electric Corporation: Company Snapshot
Figure 81 Omron Corporation: Company Snapshot
Figure 82 Rockwell Automation, Inc.: Company Snapshot
Figure 83 Schneider Electric: Company Snapshot

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