

Asia Pacific Industry 4.0 Market 2020-2030 by Component (Hardware, Software, Service), Technology (Robotics, IIoT, AI & ML, Blockchain, ER, 3D Printing, HMI), Application, Industry Vertical, Enterprise Size, and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/AB3D6BC068FCEN.html>

Date: November 2021

Pages: 143

Price: US\$ 2,295.00 (Single User License)

ID: AB3D6BC068FCEN

Abstracts

Asia Pacific Industry 4.0 market will grow by 19.0% annually with a total addressable market cap of \$925.2 billion over 2021-2030 owing to the improved operational efficiency and productivity, rising R&D investment, and significant technological advancements in Internet of Things (IoT), 3D printing industry, Artificial Intelligence (AI), big data, 5G network, extended reality including AR & VR, and machine learning.

Highlighted with 33 tables and 79 figures, this 143-page report “Asia Pacific Industry 4.0 Market 2020-2030 by Component (Hardware, Software, Service), Technology (Robotics, IIoT, AI & ML, Blockchain, ER, 3D Printing, HMI), Application, Industry Vertical, Enterprise Size, and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire Asia Pacific Industry 4.0 market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2017-2019 and provides estimate for 2020 and forecast from 2021 till 2030 with 2019 as the base year (Year 2020 is not appropriate for research base due to the outbreak of COVID-19).

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Asia Pacific market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify Asia Pacific Industry 4.0 market in every aspect of the classification from perspectives of Component, Technology, Application, Industry Vertical, Enterprise Size, and Country.

Based on Component, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ bn) for 2019-2030 included in each section.

Hardware

Software & Solutions

Industrial Automation Solutions

Smart Factory Solutions

Industrial IoT Solutions

Services

Implementation & Integration

Support & Maintenance

Consulting & Training

Based on Technology, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ bn) for 2019-2030 included in each section.

Industrial Robotics

Articulated Robots

Cartesian/Gantry/Rectangular Arm Robots

SCARA Robots

Cylindrical Robots

Delta/Parallel Robots

Collaborative Robots

Other Robotics

Industrial Internet of Things (IIoT)

Data Management Solutions for Analytics

Distribution Management System

Manufacturing Execution System (MES)

Asset and Resource Optimization

Product Lifecycle Management

Remote Monitoring

Retail Management System

Predictive Maintenance

Other Applications

AI & ML

Blockchain

Extended Reality (ER)

Digital Twin

3D Printing

Advanced Human–Machine Interface (HMI)

Industrial Sensors

Other Technology Types

Based on Application, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ bn) for 2019-2030 included in each section.

Mapping & Modeling

Quality Control & Inspection

Reverse Engineering

Other Applications

Based on Industry Vertical, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ bn) for 2019-2030 included in each section.

Manufacturing

Automotive

Oil and Gas

Energy and Utilities

Electronics and Foundry

Food and Beverage

Aerospace and Defense

Other Industry Verticals

Based on Enterprise Size, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ bn) for 2019-2030 included in each section.

Small & Medium Enterprises

Large Enterprises

Geographically, the following national/local markets are fully investigated:

Japan

China

South Korea

Australia

India

Rest of APAC (further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

For each key country, detailed analysis and data for annual revenue (\$ bn) are available for 2019-2030. The breakdown of key national markets by Technology, Industry Vertical, and Enterprise Size over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and

profiles key vendors including market leaders and important emerging players.

Key Players (this may not be a complete list and extra companies can be added upon request):

ABB Ltd.

Cisco Systems, Inc.

Cognex Corporation

Denso Corporation

Emerson Electric Company

Fanuc Corporation

General Electric Company

Hewlett Packard Enterprise Company

Honeywell International Inc.

Intel Corporation

International Business Machines Corporation

Johnson Controls International PLC

Microsoft Corporation

Mitsubishi Electric Corp

Qualcomm Technologies, Inc.

Robert Bosch GmbH

Rockwell Automation Inc.

Schneider Electric

Siemens AG

Swisslog Holding AG (Kuka AG)

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF ASIA PACIFIC MARKET BY COMPONENT

- 3.1 Market Overview by Component
- 3.2 Hardware
- 3.3 Software & Solutions
 - 3.3.1 Industrial Automation Solutions
 - 3.3.2 Smart Factory Solutions
 - 3.3.3 Industrial IoT Solutions
- 3.4 Services
 - 3.4.1 Implementation & Integration
 - 3.4.2 Support & Maintenance
 - 3.4.3 Consulting & Training

4 SEGMENTATION OF ASIA PACIFIC MARKET BY TECHNOLOGY

- 4.1 Market Overview by Technology
- 4.2 Industrial Robotics
 - 4.2.1 Articulated Robots
 - 4.2.2 Cartesian/Gantry/Rectangular Arm Robots
 - 4.2.3 SCARA Robots
 - 4.2.4 Cylindrical Robots
 - 4.2.5 Delta/Parallel Robots
 - 4.2.6 Collaborative Robots
 - 4.2.7 Other Robotics
- 4.3 Industrial Internet of Things (IIoT)
 - 4.3.1 Data Management Solutions for Analytics
 - 4.3.2 Distribution Management System
 - 4.3.3 Manufacturing Execution System (MES)
 - 4.3.4 Asset and Resource Optimization
 - 4.3.5 Product Lifecycle Management
 - 4.3.6 Remote Monitoring
 - 4.3.7 Retail Management System
 - 4.3.8 Predictive Maintenance
 - 4.3.9 Other Applications
- 4.4 AI & ML
- 4.5 Blockchain
- 4.6 Extended Reality (ER)
- 4.7 Digital Twin
- 4.8 3D Printing
- 4.9 Advanced Human–Machine Interface (HMI)
- 4.10 Industrial Sensors
- 4.11 Other Technology Types

5 SEGMENTATION OF ASIA PACIFIC MARKET BY APPLICATION

- 5.1 Market Overview by Application
- 5.2 Mapping & Modeling
- 5.3 Quality Control & Inspection
- 5.4 Reverse Engineering
- 5.5 Other Applications

6 SEGMENTATION OF ASIA PACIFIC MARKET BY INDUSTRY VERTICAL

- 6.1 Market Overview by Industry Vertical
- 6.2 Manufacturing
- 6.3 Automotive
- 6.4 Oil and Gas
- 6.5 Energy and Utilities
- 6.6 Electronics and Foundry
- 6.7 Food and Beverage
- 6.8 Aerospace and Defense
- 6.9 Other Industry Verticals

7 SEGMENTATION OF ASIA PACIFIC MARKET BY ENTERPRISE SIZE

- 7.1 Market Overview by Enterprise Size
- 7.2 Small & Medium Enterprises
- 7.3 Large Enterprises

8 ASIA-PACIFIC MARKET 2019-2030 BY COUNTRY

- 8.1 Overview of Asia-Pacific Market
- 8.2 Japan
- 8.3 China
- 8.4 Australia
- 8.5 India
- 8.6 South Korea
- 8.7 Rest of APAC Region

9 COMPETITIVE LANDSCAPE

- 9.1 Overview of Key Vendors
- 9.2 New Product Launch, Partnership, Investment, and M&A
- 9.3 Company Profiles
 - ABB Ltd.
 - Cisco Systems, Inc.
 - Cognex Corporation
 - Denso Corporation
 - Emerson Electric Company
 - Fanuc Corporation

General Electric Company
Hewlett Packard Enterprise Company
Honeywell International Inc.
Intel Corporation
International Business Machines Corporation
Johnson Controls International PLC
Microsoft Corporation
Mitsubishi Electric Corp
Qualcomm Technologies, Inc.
Robert Bosch GmbH
Rockwell Automation Inc.
Schneider Electric
Siemens AG
Swisslog Holding AG (Kuka AG)
RELATED REPORTS

List Of Tables

LIST OF TABLES:

Table 1. Snapshot of Asia Pacific Industry 4.0 Market in Balanced Perspective, 2019-2030

Table 2. Growth Rate of World GDP, 2020-2022

Table 3. Main Product Trends and Market Opportunities in Asia Pacific Industry 4.0 Market

Table 4. Asia Pacific Industry 4.0 Market by Component, 2019-2030, \$ bn

Table 5. Asia Pacific Industry 4.0 Market: Software & Solutions by Type, 2019-2030, \$ bn

Table 6. Asia Pacific Industry 4.0 Market: Services by Type, 2019-2030, \$ bn

Table 7. Asia Pacific Industry 4.0 Market by Technology, 2019-2030, \$ bn

Table 8. Asia Pacific Industry 4.0 Market: Industrial Robotics by Robot Type, 2019-2030, \$ bn

Table 9. Asia Pacific Industry 4.0 Market: Industrial Internet of Things (IIoT) by Application, 2019-2030, \$ bn

Table 10. Asia Pacific Industry 4.0 Market by Application, 2019-2030, \$ bn

Table 11. Asia Pacific Industry 4.0 Market by Industry Vertical, 2019-2030, \$ bn

Table 12. Asia Pacific Industry 4.0 Market by Enterprise Size, 2019-2030, \$ bn

Table 13. APAC Industry 4.0 Market by Country, 2019-2030, \$ bn

Table 14. Japan Industry 4.0 Market by Technology, 2019-2030, \$ bn

Table 15. Japan Industry 4.0 Market by Industry Vertical, 2019-2030, \$ bn

Table 16. Japan Industry 4.0 Market by Enterprise Size, 2019-2030, \$ bn

Table 17. China Industry 4.0 Market by Technology, 2019-2030, \$ bn

Table 18. China Industry 4.0 Market by Industry Vertical, 2019-2030, \$ bn

Table 19. China Industry 4.0 Market by Enterprise Size, 2019-2030, \$ bn

Table 20. Australia Industry 4.0 Market by Technology, 2019-2030, \$ bn

Table 21. Australia Industry 4.0 Market by Industry Vertical, 2019-2030, \$ bn

Table 22. Australia Industry 4.0 Market by Enterprise Size, 2019-2030, \$ bn

Table 23. India Industry 4.0 Market by Technology, 2019-2030, \$ bn

Table 24. India Industry 4.0 Market by Industry Vertical, 2019-2030, \$ bn

Table 25. India Industry 4.0 Market by Enterprise Size, 2019-2030, \$ bn

Table 26. South Korea Industry 4.0 Market by Technology, 2019-2030, \$ bn

Table 27. South Korea Industry 4.0 Market by Industry Vertical, 2019-2030, \$ bn

Table 28. South Korea Industry 4.0 Market by Enterprise Size, 2019-2030, \$ bn

Table 29. Industry 4.0 Market in Rest of APAC by Country/Region, 2019-2030, \$ bn

Table 30. ABB Ltd.: Company Snapshot

Table 31. ABB Ltd.: Business Segmentation

Table 32. ABB Ltd.: Product Portfolio

Table 33. ABB Ltd.: Revenue, 2018-2020, \$ bn

List Of Figures

LIST OF FIGURES:

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. Asia Pacific Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2019-2030

Figure 4. Asia Pacific Industry 4.0 Market, 2019-2030, \$ bn

Figure 5. Impact of COVID-19 on Business

Figure 6. Primary Drivers and Impact Factors of Asia Pacific Industry 4.0 Market

Figure 7. World 5G Technology Market, 2019-2030, \$ bn

Figure 8. World Smart Factory Market, 2019-2026, \$ mn

Figure 9. Primary Restraints and Impact Factors of Asia Pacific Industry 4.0 Market

Figure 10. Investment Opportunity Analysis

Figure 11. Porter's Five Forces Analysis of Asia Pacific Industry 4.0 Market

Figure 12. Breakdown of Asia Pacific Industry 4.0 Market by Component, 2019-2030, % of Revenue

Figure 13. Asia Pacific Addressable Market Cap in 2021-2030 by Component, Value (\$ bn) and Share (%)

Figure 14. Asia Pacific Industry 4.0 Market by Component: Hardware, 2019-2030, \$ bn

Figure 15. Asia Pacific Industry 4.0 Market by Component: Software & Solutions, 2019-2030, \$ bn

Figure 16. Asia Pacific Industry 4.0 Market by Software & Solutions: Industrial Automation Solutions, 2019-2030, \$ bn

Figure 17. Asia Pacific Industry 4.0 Market by Software & Solutions: Smart Factory Solutions, 2019-2030, \$ bn

Figure 18. Asia Pacific Industry 4.0 Market by Software & Solutions: Industrial IoT Solutions, 2019-2030, \$ bn

Figure 19. Asia Pacific Industry 4.0 Market by Component: Services, 2019-2030, \$ bn

Figure 20. Asia Pacific Industry 4.0 Market by Services: Implementation & Integration, 2019-2030, \$ bn

Figure 21. Asia Pacific Industry 4.0 Market by Services: Support & Maintenance, 2019-2030, \$ bn

Figure 22. Asia Pacific Industry 4.0 Market by Services: Consulting & Training, 2019-2030, \$ bn

Figure 23. Breakdown of Asia Pacific Industry 4.0 Market by Technology, 2019-2030, % of Sales Revenue

Figure 24. Asia Pacific Addressable Market Cap in 2021-2030 by Technology, Value (\$

bn) and Share (%)

Figure 25. Asia Pacific Industry 4.0 Market by Technology: Industrial Robotics, 2019-2030, \$ bn

Figure 26. Asia Pacific Industry 4.0 Market by Industrial Robotics: Articulated Robots, 2019-2030, \$ bn

Figure 27. Asia Pacific Industry 4.0 Market by Industrial Robotics: Cartesian/Gantry/Rectangular Arm Robots, 2019-2030, \$ bn

Figure 28. Asia Pacific Industry 4.0 Market by Industrial Robotics: SCARA Robots, 2019-2030, \$ bn

Figure 29. Asia Pacific Industry 4.0 Market by Industrial Robotics: Cylindrical Robots, 2019-2030, \$ bn

Figure 30. Asia Pacific Industry 4.0 Market by Industrial Robotics: Delta/Parallel Robots, 2019-2030, \$ bn

Figure 31. Asia Pacific Industry 4.0 Market by Industrial Robotics: Collaborative Robots, 2019-2030, \$ bn

Figure 32. Asia Pacific Industry 4.0 Market by Industrial Robotics: Other Robotics, 2019-2030, \$ bn

Figure 33. Asia Pacific Industry 4.0 Market by Technology: Industrial Internet of Things (IIoT), 2019-2030, \$ bn

Figure 34. Asia Pacific Industry 4.0 Market by IIoT: Data Management Solutions for Analytics, 2019-2030, \$ bn

Figure 35. Asia Pacific Industry 4.0 Market by IIoT: Distribution Management System, 2019-2030, \$ bn

Figure 36. Asia Pacific Industry 4.0 Market by IIoT: Manufacturing Execution System (MES), 2019-2030, \$ bn

Figure 37. Asia Pacific Industry 4.0 Market by IIoT: Asset and Resource Optimization, 2019-2030, \$ bn

Figure 38. Asia Pacific Industry 4.0 Market by IIoT: Product Lifecycle Management, 2019-2030, \$ bn

Figure 39. Asia Pacific Industry 4.0 Market by IIoT: Remote Monitoring, 2019-2030, \$ bn

Figure 40. Asia Pacific Industry 4.0 Market by IIoT: Retail Management System, 2019-2030, \$ bn

Figure 41. Asia Pacific Industry 4.0 Market by IIoT: Predictive Maintenance, 2019-2030, \$ bn

Figure 42. Asia Pacific Industry 4.0 Market by IIoT: Other Applications, 2019-2030, \$ bn

Figure 43. Asia Pacific Industry 4.0 Market by Technology: AI & ML, 2019-2030, \$ bn

Figure 44. Asia Pacific Industry 4.0 Market by Technology: Blockchain, 2019-2030, \$ bn

Figure 45. Asia Pacific Industry 4.0 Market by Technology: Extended Reality (ER), 2019-2030, \$ bn

Figure 46. Asia Pacific Industry 4.0 Market by Technology: Digital Twin, 2019-2030, \$ bn

Figure 47. Asia Pacific Industry 4.0 Market by Technology: 3D Printing, 2019-2030, \$ bn

Figure 48. Asia Pacific Industry 4.0 Market by Technology: Advanced Human–Machine Interface (HMI), 2019-2030, \$ bn

Figure 49. Asia Pacific Industry 4.0 Market by Technology: Industrial Sensors, 2019-2030, \$ bn

Figure 50. Asia Pacific Industry 4.0 Market by Technology: Other Technology Types, 2019-2030, \$ bn

Figure 51. Breakdown of Asia Pacific Industry 4.0 Market by Application, 2019-2030, % of Sales Revenue

Figure 52. Asia Pacific Addressable Market Cap in 2021-2030 by Application, Value (\$ bn) and Share (%)

Figure 53. Asia Pacific Industry 4.0 Market by Application: Mapping & Modeling, 2019-2030, \$ bn

Figure 54. Asia Pacific Industry 4.0 Market by Application: Quality Control & Inspection, 2019-2030, \$ bn

Figure 55. Asia Pacific Industry 4.0 Market by Application: Reverse Engineering, 2019-2030, \$ bn

Figure 56. Asia Pacific Industry 4.0 Market by Application: Other Applications, 2019-2030, \$ bn

Figure 57. Breakdown of Asia Pacific Industry 4.0 Market by Industry Vertical, 2019-2030, % of Revenue

Figure 58. Asia Pacific Addressable Market Cap in 2021-2030 by Industry Vertical, Value (\$ bn) and Share (%)

Figure 59. Asia Pacific Industry 4.0 Market by Industry Vertical: Manufacturing, 2019-2030, \$ bn

Figure 60. Asia Pacific Industry 4.0 Market by Industry Vertical: Automotive, 2019-2030, \$ bn

Figure 61. Asia Pacific Industry 4.0 Market by Industry Vertical: Oil and Gas, 2019-2030, \$ bn

Figure 62. Asia Pacific Industry 4.0 Market by Industry Vertical: Energy and Utilities, 2019-2030, \$ bn

Figure 63. Asia Pacific Industry 4.0 Market by Industry Vertical: Electronics and Foundry, 2019-2030, \$ bn

Figure 64. Asia Pacific Industry 4.0 Market by Industry Vertical: Food and Beverage, 2019-2030, \$ bn

Figure 65. Asia Pacific Industry 4.0 Market by Industry Vertical: Aerospace and Defense, 2019-2030, \$ bn

Figure 66. Asia Pacific Industry 4.0 Market by Industry Vertical: Other Industry Verticals, 2019-2030, \$ bn

Figure 67. Breakdown of Asia Pacific Industry 4.0 Market by Enterprise Size, 2019-2030, % of Revenue

Figure 68. Asia Pacific Addressable Market Cap in 2021-2030 by Enterprise Size, Value (\$ bn) and Share (%)

Figure 69. Asia Pacific Industry 4.0 Market by Enterprise Size: Small & Medium Enterprises, 2019-2030, \$ bn

Figure 70. Asia Pacific Industry 4.0 Market by Enterprise Size: Large Enterprises, 2019-2030, \$ bn

Figure 71. Breakdown of APAC Industry 4.0 Market by Country, 2019 and 2030, % of Revenue

Figure 72. Contribution to APAC 2021-2030 Cumulative Market by Country, Value (\$ bn) and Share (%)

Figure 73. Industry 4.0 Market in Japan, 2019-2030, \$ bn

Figure 74. Industry 4.0 Market in China, 2019-2030, \$ bn

Figure 75. Industry 4.0 Market in Australia, 2019-2030, \$ bn

Figure 76. Industry 4.0 Market in India, 2019-2030, \$ bn

Figure 77. Industry 4.0 Market in South Korea, 2019-2030, \$ bn

Figure 78. Industry 4.0 Market in Rest of APAC, 2019-2030, \$ bn

Figure 79. Growth Stage of Asia Pacific Industry 4.0 Industry over the Forecast Period

I would like to order

Product name: Asia Pacific Industry 4.0 Market 2020-2030 by Component (Hardware, Software, Service), Technology (Robotics, IIoT, AI & ML, Blockchain, ER, 3D Printing, HMI), Application, Industry Vertical, Enterprise Size, and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/AB3D6BC068FCEN.html>

Price: US\$ 2,295.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AB3D6BC068FCEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970