

# **North America Industrial Robotics in Electronic and Electrical Market 2022-2032 by Offering (Hardware, Software, Services), Robot Type, Application, Component, End Use, and Country: Trend Forecast and Growth Opportunity**

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## **Abstracts**

North America industrial robotics in electronic and electrical is projected to grow by 11.8% annually in the forecast period and reach \$5,855.9 million by 2032, driven by the fast-growing electrical & electronics industry, the emerging Industry 4.0, and an increasing adoption of advanced industrial robotics in electronic and electrical industry to improve the productivity and safety in manufacturing sectors.

Highlighted with 27 tables and 82 figures, this 163-page report “North America Industrial Robotics in Electronic and Electrical Market 2022-2032 by Offering (Hardware, Software, Services), Robot Type, Application, Component, End Use, and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America industrial robotics in electronic and electrical 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 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (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.)

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 North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify North America industrial robotics in electronic and electrical market in every aspect of the classification from perspectives of Offering, Robot Type, Application, Component, End Use, and Country.

Based on Offering, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Hardware

Software

Services

Based on Robot Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Articulated Robots

Cartesian/Linear/Gantry Robots

SCARA Robots

Cylindrical Robots

Delta/Parallel Robots

Collaborative Robots

Other Robot Types

By Application, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Soldering & Welding

Material Handling

Assembling & Disassembling

Painting & Dispensing

Cutting & Processing

Other Applications

By Component, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Robot Controller Unit

Robotic Arm

End Effector

Drive

Sensors

Power Supply

Motors

Other Components

By End Use, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) and shipment (thousand units) for 2022-2032 included in each section.

Electronic Components

Telecommunication Devices

Industrial Equipment

Other End Uses

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

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) and shipment (thousand units) are available for 2022-2032. The breakdown of national markets by Robot Type, Application, and End Use over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ABB Ltd.

Comau S.p.A

Denso Corporation

Fanuc Corp.

Kawasaki Robotics Inc.

KUKA (Midea Group)

Mitsubishi Electric Corp.

Omron Corporation (Omron Adept Technologies)

Reis Robotics

Rockwell Automation Inc.

Seiko Epson Corporation (Epson Robotics)

Staubli International AG

Universal Robots

Yaskawa Electric Corp.

(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.)

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Denso Corporation

Fanuc Corp.

Kawasaki Robotics Inc.

KUKA (Midea Group)

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Omron Corporation (Omron Adept Technologies)

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