

North America Nano Programmable Logic Controllers (PLC) Market 2022-2032 by Component (Hardware, Software, Services), Product Type (Fixed, Modular), Industry Vertical, and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/N064E20D90B1EN.html>

Date: August 2023

Pages: 105

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

ID: N064E20D90B1EN

Abstracts

North America nano programmable logic controllers (PLC) market is projected to grow by 5.8% annually in the forecast period and reach \$1.92 billion by 2032, driven by the rising adoption of automation systems in various industries, the growing requirement for compact automation solutions, enhanced efficiency and durability of nano PLCs, and increased need for high-voltage operating devices.

Highlighted with 24 tables and 49 figures, this 105-page report “North America Nano Programmable Logic Controllers (PLC) Market 2022-2032 by Component (Hardware, Software, Services), Product Type (Fixed, Modular), Industry Vertical, and Country: Trend Forecast and Growth Opportunity” is based on comprehensive research of the entire North America nano programmable logic controllers (PLC) 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 nano programmable logic controllers (PLC) market in every aspect of the classification from perspectives of Component, Product Type, Industry Vertical, and Country.

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

Hardware

Processor

Power Supply

Input/Output

Other Hardware

Software

Motion Control Software

Redundancy Software

Programming Software

Simulation Software

Services

Training

Maintenance

Consulting

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

Fixed Nano PLC

Modular Nano PLC

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

Automotive Industry

Chemicals Industry

Food & Beverage Industry

Oil & Gas Industry

Energy & Power Industry

Home & Building Automation Industry

Pharmaceutical Industry

Water and Wastewater Industry

Other Industry Verticals

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) are available for 2022-2032. The breakdown of national markets by Component, Product Type, and Industry Vertical 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.

EMC Aautomations

General Electric Co.

Hitachi Ltd.

Honeywell International Inc.

IDEC Corporation

InnoVista Sensors

Mitsubishi Electric Corporation

Robert Bosch GmbH

Rockwell Automation Inc.

Schneider Electric SE

Siemens 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
 - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery
- 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 NORTH AMERICA MARKET BY COMPONENT

- 3.1 Market Overview by Component
- 3.2 Hardware
 - 3.2.1 Processor
 - 3.2.2 Power Supply
 - 3.2.3 Input/Output
 - 3.2.4 Other Hardware
- 3.3 Software
 - 3.3.1 Motion Control Software
 - 3.3.2 Redundancy Software

3.3.3 Programming Software

3.3.4 Simulation Software

3.4 Services

3.4.1 Training

3.4.2 Maintenance

3.4.3 Consulting

4 SEGMENTATION OF NORTH AMERICA MARKET BY PRODUCT TYPE

4.1 Market Overview by Product Type

4.2 Fixed Nano PLC

4.3 Modular Nano PLC

5 SEGMENTATION OF NORTH AMERICA MARKET BY INDUSTRY VERTICAL

5.1 Market Overview by Industry Vertical

5.2 Automotive Industry

5.3 Chemicals Industry

5.4 Food & Beverage Industry

5.5 Oil & Gas Industry

5.6 Energy & Power Industry

5.7 Home & Building Automation Industry

5.8 Pharmaceutical Industry

5.9 Water and Wastewater Industry

5.10 Other Industry Verticals

6 NORTH AMERICA MARKET 2022-2032 BY COUNTRY

6.1 Overview of North America Market

6.2 U.S.

6.3 Canada

6.4 Mexico

7 COMPETITIVE LANDSCAPE

7.1 Overview of Key Vendors

7.2 New Product Launch, Partnership, Investment, and M&A

7.3 Company Profiles

ABB Ltd.

EMC Aautomations
General Electric Co.
Hitachi Ltd.
Honeywell International Inc.
IDEC Corporation
InnoVista Sensors
Mitsubishi Electric Corporation
Robert Bosch GmbH
Rockwell Automation Inc.
Schneider Electric SE
Siemens AG
RELATED REPORTS

12. LIST OF TABLES:

Table 1. Snapshot of North America Nano PLC Market in Balanced Perspective, 2022-2032

Table 2. World Economic Outlook, 2021-2031

Table 3. World Economic Outlook, 2021-2023

Table 4. Scenarios for Economic Impact of Ukraine Crisis

Table 5. Main Product Trends and Market Opportunities in North America Nano PLC Market

Table 6. North America Nano PLC Market by Component, 2022-2032, \$ mn

Table 7. North America Nano PLC Market: Hardware by Type, 2022-2032, \$ mn

Table 8. North America Nano PLC Market: Software by Type, 2022-2032, \$ mn

Table 9. North America Nano PLC Market: Services by Type, 2022-2032, \$ mn

Table 10. North America Nano PLC Market by Product Type, 2022-2032, \$ mn

Table 11. North America Nano PLC Market by Industry Vertical, 2022-2032, \$ mn

Table 12. North America Nano PLC Market by Country, 2022-2032, \$ mn

Table 13. U.S. Nano PLC Market by Component, 2022-2032, \$ mn

Table 14. U.S. Nano PLC Market by Product Type, 2022-2032, \$ mn

Table 15. U.S. Nano PLC Market by Industry Vertical, 2022-2032, \$ mn

Table 16. Canada Nano PLC Market by Component, 2022-2032, \$ mn

Table 17. Canada Nano PLC Market by Product Type, 2022-2032, \$ mn

Table 18. Canada Nano PLC Market by Industry Vertical, 2022-2032, \$ mn

Table 19. Mexico Nano PLC Market by Component, 2022-2032, \$ mn

Table 20. Mexico Nano PLC Market by Product Type, 2022-2032, \$ mn

Table 21. Mexico Nano PLC Market by Industry Vertical, 2022-2032, \$ mn

Table 22. ABB Ltd.: Company Snapshot

Table 23. ABB Ltd.: Business Segmentation

Table 24. ABB Ltd.: Product Portfolio

12. LIST OF FIGURES:

Figure 1. Research Method Flow Chart

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

Figure 3. North America Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032

Figure 4. North America Nano PLC Market, 2022-2032, \$ mn

Figure 5. Impact of COVID-19 on Business

Figure 6. Primary Drivers and Impact Factors of North America Nano PLC Market

Figure 7. World Industrial Robotics Market by Shipment, 2022-2032, thousand units

Figure 8. World Vehicle Production by Car Type, 2019-2030, million units

Figure 9. World Crude Oil Production, 2000-2021, million tons

Figure 10. Primary Restraints and Impact Factors of North America Nano PLC Market

Figure 11. Investment Opportunity Analysis

Figure 12. Porter's Five Forces Analysis of North America Nano PLC Market

Figure 13. Breakdown of North America Nano PLC Market by Component, 2022-2032, % of Revenue

Figure 14. North America Addressable Market Cap in 2023-2032 by Component, Value (\$ mn) and Share (%)

Figure 15. North America Nano PLC Market by Component: Hardware, 2022-2032, \$ mn

Figure 16. North America Nano PLC Market by Hardware: Processor, 2022-2032, \$ mn

Figure 17. North America Nano PLC Market by Hardware: Power Supply, 2022-2032, \$ mn

Figure 18. North America Nano PLC Market by Hardware: Input/Output, 2022-2032, \$ mn

Figure 19. North America Nano PLC Market by Hardware: Other Hardware, 2022-2032, \$ mn

Figure 20. North America Nano PLC Market by Component: Software, 2022-2032, \$ mn

Figure 21. North America Nano PLC Market by Software: Motion Control Software, 2022-2032, \$ mn

Figure 22. North America Nano PLC Market by Software: Redundancy Software, 2022-2032, \$ mn

Figure 23. North America Nano PLC Market by Software: Programming Software, 2022-2032, \$ mn

Figure 24. North America Nano PLC Market by Software: Simulation Software,

2022-2032, \$ mn

Figure 25. North America Nano PLC Market by Component: Services, 2022-2032, \$ mn

Figure 26. North America Nano PLC Market by Services: Training, 2022-2032, \$ mn

Figure 27. North America Nano PLC Market by Services: Maintenance, 2022-2032, \$ mn

Figure 28. North America Nano PLC Market by Services: Consulting, 2022-2032, \$ mn

Figure 29. Breakdown of North America Nano PLC Market by Product Type, 2022-2032, % of Sales Revenue

Figure 30. North America Addressable Market Cap in 2023-2032 by Product Type, Value (\$ mn) and Share (%)

Figure 31. North America Nano PLC Market by Product Type: Fixed Nano PLC, 2022-2032, \$ mn

Figure 32. North America Nano PLC Market by Product Type: Modular Nano PLC, 2022-2032, \$ mn

Figure 33. Breakdown of North America Nano PLC Market by Industry Vertical, 2022-2032, % of Sales Revenue

Figure 34. North America Addressable Market Cap in 2023-2032 by Industry Vertical, Value (\$ mn) and Share (%)

Figure 35. North America Nano PLC Market by Industry Vertical: Automotive Industry, 2022-2032, \$ mn

Figure 36. North America Nano PLC Market by Industry Vertical: Chemicals Industry, 2022-2032, \$ mn

Figure 37. North America Nano PLC Market by Industry Vertical: Food & Beverage Industry, 2022-2032, \$ mn

Figure 38. North America Nano PLC Market by Industry Vertical: Oil & Gas Industry, 2022-2032, \$ mn

Figure 39. North America Nano PLC Market by Industry Vertical: Energy & Power Industry, 2022-2032, \$ mn

Figure 40. North America Nano PLC Market by Industry Vertical: Home & Building Automation Industry, 2022-2032, \$ mn

Figure 41. North America Nano PLC Market by Industry Vertical: Pharmaceutical Industry, 2022-2032, \$ mn

Figure 42. North America Nano PLC Market by Industry Vertical: Water and Wastewater Industry, 2022-2032, \$ mn

Figure 43. North America Nano PLC Market by Industry Vertical: Other Industry Verticals, 2022-2032, \$ mn

Figure 44. Breakdown of North America Nano PLC Market by Country, 2022 and 2032, % of Revenue

Figure 45. Contribution to North America 2023-2032 Cumulative Market by Country,

Value (\$ mn) and Share (%)

Figure 46. U.S. Nano PLC Market, 2022-2032, \$ mn

Figure 47. Canada Nano PLC Market, 2022-2032, \$ mn

Figure 48. Nano PLC Market in Mexico, 2022-2032, \$ mn

Figure 49. Growth Stage of North America Nano PLC Industry over the Forecast Period

I would like to order

Product name: North America Nano Programmable Logic Controllers (PLC) Market 2022-2032 by Component (Hardware, Software, Services), Product Type (Fixed, Modular), Industry Vertical, and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/N064E20D90B1EN.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/N064E20D90B1EN.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