

North America 5G Enabled Autonomous Robots Market 2020-2030 by Offering, Robot Type, Mode of Operation, Industry Vertical, End User, and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/NDC86C690BFBEN.html>

Date: May 2020

Pages: 122

Price: US\$ 2,108.00 (Single User License)

ID: NDC86C690BFBEN

Abstracts

North America 5G enabled autonomous robots market is expected to grow by 14.6% annually in the forecast period and reach \$15.39 billion by 2030.

Highlighted with 27 tables and 52 figures, this 122-page report “North America 5G Enabled Autonomous Robots Market 2020-2030 by Offering, Robot Type, Mode of Operation, Industry Vertical, End User, and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America 5G enabled autonomous robots 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 2015-2019 and provides forecast from 2020 till 2030 with 2019 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. The balanced (most likely) projection is used to quantify North America 5G enabled autonomous robots market in every aspect of the classification from perspectives of Offering, Robot Type, Mode of Operation, Industry Vertical, End User, and Country.

Based on offering, the North America market is segmented into the following sub-markets with annual revenue for 2019-2030 included in each section.

Hardware

Software

Service

Based on robot type, the North America market is segmented into the following sub-markets with annual revenue for 2019-2030 included in each section.

Unmanned Marine Vehicle (UMV)

Unmanned Ground Vehicle (UGV)

Unmanned Aerial Vehicle (UAV)

Humanoid

Other Robot Types

Based on mode of operation, the North America market is segmented into the following sub-markets with annual revenue for 2019-2030 included in each section.

Remotely Operated Robots

Semi-Autonomous Robots

Fully-Autonomous Robots

Based on industry vertical, the North America market is segmented into the following sub-markets with annual revenue for 2019-2030 included in each section.

Agriculture & Forest

Healthcare

Power & Energy

Defense & Security

Industry and Manufacture

Logistics and Retail

Autonomous Vehicles & Transportation

Aerospace

Other Verticals

Based on end user, the North America market is segmented into the following sub-markets with annual revenue for 2019-2030 included in each section.

Consumer

Enterprise

Government

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

U.S.

Canada

Mexico

For each of the aforementioned countries, detailed analysis and data for annual revenue are available for 2019-2030. The breakdown of key national markets by Robot Type, Mode of Operation, and Industry Vertical 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.

Specifically, potential risks associated with investing in North America 5G enabled autonomous robots market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders identify emerging opportunities, manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

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

3D Robotics

ABB Ltd

Adept Technology

Amazon Robotics

Asus

Auris Surgical Robotics

Bluefin Robotics Corporation

Ericsson

Google

Honda Motors

Intel

iRobot

KUKA

Lely Group

Nokia

Northrop Grumman Corporation
Paslin
Qorvo
RealDoll
Samsung
SoftBank
True Companion
Verizon Communications
Yaskawa Electric Corporation
ZTE Corporation

(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
- 2.2 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 OFFERING

- 3.1 Market Overview by Offering
- 3.2 Hardware
- 3.3 Software
- 3.4 Service

4 SEGMENTATION OF NORTH AMERICA MARKET BY ROBOT TYPE

- 4.1 Market Overview by Robot Type
- 4.2 Unmanned Marine Vehicle (UMV)
- 4.3 Unmanned Ground Vehicle (UGV)
- 4.4 Unmanned Aerial Vehicle (UAV)
- 4.5 Humanoid

4.6 Other Robot Types

5 SEGMENTATION OF NORTH AMERICA MARKET BY MODE OF OPERATION

5.1 Market Overview by Mode of Operation

5.2 Remotely Operated Robots

5.3 Semi-Autonomous Robots

5.4 Fully-Autonomous Robots

6 SEGMENTATION OF NORTH AMERICA MARKET BY INDUSTRY VERTICAL

6.1 Market Overview by Industry Vertical

6.2 Agriculture & Forest

6.3 Healthcare

6.4 Power & Energy

6.5 Defense & Security

6.6 Industry and Manufacture

6.7 Logistics and Retail

6.8 Autonomous Vehicles & Transportation

6.9 Aerospace

6.10 Other Verticals

7 SEGMENTATION OF NORTH AMERICA MARKET BY END USER

7.1 Market Overview by End User

7.2 Consumer

7.3 Enterprise

7.4 Government

8 NORTH AMERICA MARKET 2019-2030 BY COUNTRY

8.1 Overview of North America Market

8.2 U.S.

8.3 Canada

8.4 Mexico

9 COMPETITIVE LANDSCAPE

9.1 Overview of Key Vendors

9.2 New Product Launch, Partnership, Investment, and M&A
9.3 Company Profiles

3D ROBOTICS

ABB Ltd
Adept Technology
Amazon Robotics
Asus
Auris Surgical Robotics
Bluefin Robotics Corporation
Ericsson
Google
Honda Motors
Intel
iRobot
KUKA
Lely Group
Nokia
Northrop Grumman Corporation
Paslin
Qorvo
RealDoll
Samsung
SoftBank
True Companion
Verizon Communications
Yaskawa Electric Corporation
ZTE Corporation

10 INVESTING IN NORTH AMERICA MARKET: RISK ASSESSMENT AND MANAGEMENT

10.1 Risk Evaluation of North America Market
10.2 Critical Success Factors (CSFs)
Related Reports and Products

List Of Tables

LIST OF TABLES

Table 1. Snapshot of North America 5G Enabled Autonomous Robots Market, 2019-2030

Table 2. World Smartphone Connections, Average Network Connection Speed for Smartphones and Tablets, 2019-2030

Table 3. World Mobile Data Traffic by Deployment Mode, 2019-2030, EB/year

Table 4. World Mobile Data Traffic by Device, 2019-2030, EB/year

Table 5. Main Product Trends and Market Opportunities in North America 5G Enabled Autonomous Robots Market

Table 6. North America 5G Enabled Autonomous Robots Market by Offering, 2019-2030, \$ bn

Table 7. North America 5G Enabled Autonomous Robots Market by Robot Type, 2019-2030, \$ bn

Table 8. North America 5G Enabled Autonomous Robots Market by Mode of Operation, 2019-2030, \$ bn

Table 9. North America 5G Enabled Autonomous Robots Market by Industry Vertical, 2019-2030, \$ bn

Table 10. North America Market by Industrial Vertical, 2019-2030, \$ bn

Table 11. North America 5G Enabled Autonomous Robots Market by Country, 2019-2030, \$ bn

Table 12. U.S. 5G Enabled Autonomous Robots Market by Robot Type, 2019-2030, \$ bn

Table 13. U.S. 5G Enabled Autonomous Robots Market by Mode of Operation, 2019-2030, \$ bn

Table 14. U.S. 5G Enabled Autonomous Robots Market by Industry Vertical, 2019-2030, \$ bn

Table 15. Canada 5G Enabled Autonomous Robots Market by Robot Type, 2019-2030, \$ bn

Table 16. Canada 5G Enabled Autonomous Robots Market by Mode of Operation, 2019-2030, \$ bn

Table 17. Canada 5G Enabled Autonomous Robots Market by Industry Vertical, 2019-2030, \$ bn

Table 18. Mexico 5G Enabled Autonomous Robots Market by Robot Type, 2019-2030, \$ bn

Table 19. Mexico 5G Enabled Autonomous Robots Market by Mode of Operation, 2019-2030, \$ bn

Table 20. Mexico 5G Enabled Autonomous Robots Market by Industry Vertical, 2019-2030, \$ bn

Table 21. 3D Robotics: Company Snapshot

Table 22. 3D Robotics: Business Segmentation

Table 23. 3D Robotics: Product Portfolio

Table 24. 3D Robotics: Revenue, 2016-2018, \$ bn

Table 25. 3D Robotics: Recent Developments

Table 26. Risk Evaluation for Investing in North America Market, 2019-2030

Table 27. Critical Success Factors and Key Takeaways

List Of Figures

LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Breakdown of Primary Research

Figure 3. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 4. North America Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2019-2030

Figure 5. Autonomous Robots: North America Base Market, 5G Accelerated Uptake Market, and Delayed Market by Revenue, 2019-2030, \$ bn

Figure 6. Autonomous Robots: North America Base Market, 5G Accelerated Uptake Market, and Delayed Market by Shipment, 2019-2030, thousand units

Figure 7. North America 5G Enabled Autonomous Robots Market, 2019-2030, \$ bn

Figure 8. North America 5G Enabled Autonomous Robots Market by Shipment, 2019-2030, million units

Figure 9. Primary Drivers and Impact Factors of North America 5G Enabled Autonomous Robots Market

Figure 10. World 5G Traffic, 2019-2030, EB/year

Figure 11. Primary Restraints and Impact Factors of North America 5G Enabled Autonomous Robots Market

Figure 12. Investment Opportunity Analysis

Figure 13. Porter's Fiver Forces Analysis of North America 5G Enabled Autonomous Robots Market

Figure 14. Breakdown of North America 5G Enabled Autonomous Robots Market by Offering, 2019-2030, % of Revenue

Figure 15. North America Addressable Market Cap in 2020-2030 by Offering, Value (\$ bn) and Share (%)

Figure 16. North America 5G Enabled Autonomous Robots Market: Hardware, 2019-2030, \$ bn

Figure 17. North America 5G Enabled Autonomous Robots Market: Software, 2019-2030, \$ bn

Figure 18. North America 5G Enabled Autonomous Robots Market: Service, 2019-2030, \$ bn

Figure 19. Breakdown of North America 5G Enabled Autonomous Robots Market by Robot Type, 2019-2030, % of Sales Revenue

Figure 20. North America Addressable Market Cap in 2020-2030 by Robot Type, Value (\$ bn) and Share (%)

Figure 21. North America 5G Enabled Autonomous Robots Market: Unmanned Marine

Vehicle (UMV), 2019-2030, \$ bn

Figure 22. North America 5G Enabled Autonomous Robots Market: Unmanned Ground Vehicle (UGV), 2019-2030, \$ bn

Figure 23. North America 5G Enabled Autonomous Robots Market: Unmanned Aerial Vehicle (UAV), 2019-2030, \$ bn

Figure 24. North America 5G Enabled Autonomous Robots Market: Humanoid, 2019-2030, \$ bn

Figure 25. North America 5G Enabled Autonomous Robots Market: Other Robot Types, 2019-2030, \$ bn

Figure 26. Breakdown of North America 5G Enabled Autonomous Robots Market by Mode of Operation, 2019-2030, % of Sales Revenue

Figure 27. North America Addressable Market Cap in 2020-2030 by Mode of Operation, Value (\$ bn) and Share (%)

Figure 28. North America 5G Enabled Autonomous Robots Market: Remotely Operated Robots, 2019-2030, \$ bn

Figure 29. North America 5G Enabled Autonomous Robots Market: Semi-Autonomous Robots, 2019-2030, \$ bn

Figure 30. North America 5G Enabled Autonomous Robots Market: Fully-Autonomous Robots, 2019-2030, \$ bn

Figure 31. Breakdown of North America 5G Enabled Autonomous Robots Market by Industry Vertical, 2019-2030, % of Revenue

Figure 32. North America Addressable Market Cap in 2020-2030 by Industry Vertical, Value (\$ bn) and Share (%)

Figure 33. North America 5G Enabled Autonomous Robots Market: Agriculture & Forest, 2019-2030, \$ bn

Figure 34. North America 5G Enabled Autonomous Robots Market: Healthcare, 2019-2030, \$ bn

Figure 35. North America 5G Enabled Autonomous Robots Market: Power & Energy, 2019-2030, \$ bn

Figure 36. North America 5G Enabled Autonomous Robots Market: Defense & Security, 2019-2030, \$ bn

Figure 37. North America 5G Enabled Autonomous Robots Market: Industry and Manufacture, 2019-2030, \$ bn

Figure 38. North America 5G Enabled Autonomous Robots Market: Logistics and Retail, 2019-2030, \$ bn

Figure 39. North America 5G Enabled Autonomous Robots Market: Autonomous Vehicles & Transportation, 2019-2030, \$ bn

Figure 40. North America 5G Enabled Autonomous Robots Market: Aerospace, 2019-2030, \$ bn

Figure 41. North America 5G Enabled Autonomous Robots Market: Other Verticals, 2019-2030, \$ bn

Figure 42. Breakdown of North America Market by End User, 2019-2030, % of Revenue

Figure 43. North America Addressable Market Cap in 2020-2030 by End User, Value (\$ bn) and Share (%)

Figure 44. North America 5G Enabled Autonomous Robots Market: Consumer, 2019-2030, \$ bn

Figure 45. North America 5G Enabled Autonomous Robots Market: Enterprise, 2019-2030, \$ bn

Figure 46. North America 5G Enabled Autonomous Robots Market: Government, 2019-2030, \$ bn

Figure 47. Breakdown of North America 5G Enabled Autonomous Robots Market by Country, 2019 and 2030, % of Revenue

Figure 48. Contribution to North America 2020-2030 Cumulative Revenue by Country, Value (\$ bn) and Share (%)

Figure 49. U.S. 5G Enabled Autonomous Robots Market, 2019-2030, \$ bn

Figure 50. Canada 5G Enabled Autonomous Robots Market, 2019-2030, \$ bn

Figure 51. 5G Enabled Autonomous Robots Market in Mexico, 2015-2026, \$ bn

Figure 52. Growth Stage of North America 5G Enabled Autonomous Robots Industry over the Forecast Period

I would like to order

Product name: North America 5G Enabled Autonomous Robots Market 2020-2030 by Offering, Robot Type, Mode of Operation, Industry Vertical, End User, and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/NDC86C690BFBEN.html>

Price: US\$ 2,108.00 (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/NDC86C690BFBEN.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