

North America Rugged Tablet Market Forecast to 2030 - Regional Analysis - by Type (Fully Rugged Tablet, Semi Rugged Tablet, and Ultra Rugged Tablet), Operating System (Android, Windows, and iOS), and Application (Aerospace & Defense, Automotive, Construction, Energy & Utilities, Manufacturing, Oil & Gas, and Others)

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Abstracts

The North America rugged tablet market was valued at US\$ 318.24 million in 2022 and is expected to reach US\$ 504.71 million by 2030; it is estimated to grow at a CAGR of 5.9% from 2022 to 2030.

Rising Demand from Industrial Sector Fuels North America Rugged Tablet Market

The industrial sector, including manufacturing, metal fabrication, construction, and automotive, is growing year on year. In the US, the industrial production rose 0.2% YoY in August 2023. The rugged tablet has several applications in the industrial sector. A rugged tablet, also known as an industrial-grade ruggedized tablet or an industrial tablet PC, is a specialized tablet computer built to survive harsh climatic conditions and demanding operations in industrial environments. Rugged tablets are frequently used in industrial manufacturing in the roughest situations, such as on the manufacturing floor, to manage inventories, check equipment performance, and follow production schedules. They are perfect for use in demanding industrial conditions because of their strength and waterproofness, which can endure dust, debris, and liquid exposure. Ratings for durability are an essential factor in an industrial manufacturing environment.

Several players provide rugged tablets for the construction utilities manufacturing

sectors. For instance, Zebra Technologies Corporation provides the Zebra Xpad 110 rugged tablet to enhance industry workflow. Thus, rising demand from the industrial sector propels the growth of the rugged tablet market.

North America Rugged Tablet Market Overview

The rugged tablet market in North America is segmented into the US, Canada, and Mexico. Among all industrial businesses, the aerospace sector in the US continues to produce the greatest trade balance (US \$77.6 billion in 2019) and the second-highest volume of exports (worth US \$148 billion). With growing aerospace exports at an average rate of 5.31% over the last ten years and the rising aerospace trade balance, this leading position has remained intact for decades at an average rate of 4.64% since 2010. The US Army battle command platform uses rugged tablets provided by the DRS Network & Imaging Systems LLC. Thus, growth of the aerospace & defense industry propels the US rugged tablet market growth.

Moreover, several players expand their line on rugged tablets. In January 2020, Samsung Electronics Canada declared that the Galaxy Tab Active Pro is now available in Canada. The new Galaxy Tab Active Pro, selected as an Innovation Award Honoree by the CES Event Organization, is designed for people outside the office, such as in the field, on the road, or in bad weather. Such instances boost the rugged tablet market growth in North America.

North America Rugged Tablet Market Revenue and Forecast to 2030 (US\$ Million)

North America Rugged Tablet Market Segmentation

The North America rugged tablet market is segmented based on type, operating system, application, and country. Based on type, the North America rugged tablet market is segmented into fully rugged tablet, semi rugged tablet, and ultra rugged tablet. The fully rugged tablet segment held the largest market share in 2022.

In terms of operating system, the North America rugged tablet market is categorized into android, windows, and iOS. The android segment held the largest market share in 2022.

By application, the North America rugged tablet market is segmented into aerospace & defense, automotive, construction, energy & utilities, manufacturing, oil & gas, and others. The aerospace & defense segment held the largest market share in 2022.

Based on country, the North America rugged tablet market is segmented into the US, Canada, and Mexico. The US dominated the North America rugged tablet market share in 2022.

AAEON Technology Inc, Dell Technologies Inc, DT Research Inc, Panasonic Holdings Corp, Getac Holdings Corp, MilDef Group AB, NEXCOM International Co Ltd, Leonardo DRS Inc, Zebra Technologies Corp, and Kontron AG are some of the leading players operating in the North America rugged tablet market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights
- 2.2 Market Attractiveness

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. NORTH AMERICA RUGGED TABLET MARKET LANDSCAPE

- 4.1 Overview
 - 4.1.1 List of Vendors in Value Chain

5. NORTH AMERICA RUGGED TABLET MARKET - KEY INDUSTRY DYNAMICS

- 5.1 Drivers
 - 5.1.1 Increasing Demand for Smart Devices in Defense Sector
 - 5.1.2 Rising Demand from Industrial Sector
 - 5.1.3 Adoption of Android Operating System in Rugged Tablets
- 5.2 Restraints
 - 5.2.1 High Initial Procurement Cost
 - 5.2.2 Technological Limitations
- 5.3 Opportunity
 - 5.3.1 Rise of New Technologies, such as AI and IoT
 - 5.3.2 Government Investment in Rugged Tablets
- 5.4 Future Trend
 - 5.4.1 Increasing Adoption in Several Industries
- 5.5 Impact of Drivers and Restraints:

6. RUGGED TABLET MARKET - NORTH AMERICA MARKET ANALYSIS

6.1 Overview

6.2 North America Rugged Tablet Market Revenue (US\$ Million), 2022 - 2030

7. NORTH AMERICA RUGGED TABLET MARKET ANALYSIS - TYPE

7.1 Fully Rugged Tablet

7.1.1 Overview

7.1.2 Fully Rugged Tablet: Market Revenue and Forecasts to 2030 (US\$ Million)

7.2 Semi Rugged Tablet

7.2.1 Overview

7.2.2 Semi Rugged Tablet: Market Revenue and Forecasts to 2030 (US\$ Million)

7.3 Ultra Rugged Tablet

7.3.1 Overview

7.3.2 Ultra Rugged Tablet: Market Revenue and Forecasts to 2030 (US\$ Million)

8. NORTH AMERICA RUGGED TABLET MARKET ANALYSIS - OPERATING SYSTEM

8.1 Android

8.1.1 Overview

8.1.2 Android: Market Revenue and Forecasts to 2030 (US\$ Million)

8.2 Windows

8.2.1 Overview

8.2.2 Windows: Market Revenue and Forecasts to 2030 (US\$ Million)

8.3 iOS

8.3.1 Overview

8.3.2 iOS: Market Revenue and Forecasts to 2030 (US\$ Million)

9. NORTH AMERICA RUGGED TABLET MARKET ANALYSIS - APPLICATION

9.1 Aerospace & Defense

9.1.1 Overview

9.1.2 Aerospace & Defense: Market Revenue and Forecasts to 2030 (US\$ Million)

9.2 Automotive

9.2.1 Overview

9.2.2 Automotive: Market Revenue and Forecasts to 2030 (US\$ Million)

9.3 Construction

- 9.3.1 Overview
- 9.3.2 Construction: Market Revenue and Forecasts to 2030 (US\$ Million)
- 9.4 Energy & Utilities
 - 9.4.1 Overview
 - 9.4.2 Energy & Utilities: Market Revenue and Forecasts to 2030 (US\$ Million)
- 9.5 Manufacturing
 - 9.5.1 Overview
 - 9.5.2 Manufacturing: Market Revenue and Forecasts to 2030 (US\$ Million)
- 9.6 Oil & Gas
 - 9.6.1 Overview
 - 9.6.2 Oil & Gas: Market Revenue and Forecasts to 2030 (US\$ Million)
- 9.7 Others
 - 9.7.1 Overview
 - 9.7.2 Others: Market Revenue and Forecasts to 2030 (US\$ Million)

10. NORTH AMERICA RUGGED TABLET MARKET - COUNTRY ANALYSIS

- 10.1 North America
 - 10.1.1 North America Rugged Tablet Market Revenue and Forecasts and Analysis - By Countries
 - 10.1.1.1 North America Rugged Tablet Market Revenue and Forecasts and Analysis - By Country
 - 10.1.1.2 US Rugged Tablet Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.1.1.2.1 US Rugged Tablet Market Breakdown by Type
 - 10.1.1.2.2 US Rugged Tablet Market Breakdown by Operating System
 - 10.1.1.2.3 US Rugged Tablet Market Breakdown by Application
 - 10.1.1.3 Canada Rugged Tablet Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.1.1.3.1 Canada Rugged Tablet Market Breakdown by Type
 - 10.1.1.3.2 Canada Rugged Tablet Market Breakdown by Operating System
 - 10.1.1.3.3 Canada Rugged Tablet Market Breakdown by Application
 - 10.1.1.4 Mexico Rugged Tablet Market Revenue and Forecasts to 2030 (US\$ Mn)
 - 10.1.1.4.1 Mexico Rugged Tablet Market Breakdown by Type
 - 10.1.1.4.2 Mexico Rugged Tablet Market Breakdown by Operating System
 - 10.1.1.4.3 Mexico Rugged Tablet Market Breakdown by Application

11. RUGGED TABLET MARKET INDUSTRY LANDSCAPE

- 11.1 Overview
- 11.2 Market Initiative

- 11.3 New Product Development
- 11.4 Merger and Acquisition

12. COMPANY PROFILES

12.1 AAEON Technology Inc

- 12.1.1 Key Facts
- 12.1.2 Business Description
- 12.1.3 Products and Services
- 12.1.4 Financial Overview
- 12.1.5 SWOT Analysis
- 12.1.6 Key Developments

12.2 Dell Technologies Inc

- 12.2.1 Key Facts
- 12.2.2 Business Description
- 12.2.3 Products and Services
- 12.2.4 Financial Overview
- 12.2.5 SWOT Analysis
- 12.2.6 Key Developments

12.3 DT Research Inc

- 12.3.1 Key Facts
- 12.3.2 Business Description
- 12.3.3 Products and Services
- 12.3.4 Financial Overview
- 12.3.5 SWOT Analysis
- 12.3.6 Key Developments

12.4 Panasonic Holdings Corp

- 12.4.1 Key Facts
- 12.4.2 Business Description
- 12.4.3 Products and Services
- 12.4.4 Financial Overview
- 12.4.5 SWOT Analysis
- 12.4.6 Key Developments

12.5 Getac Holdings Corp

- 12.5.1 Key Facts
- 12.5.2 Business Description
- 12.5.3 Products and Services
- 12.5.4 Financial Overview
- 12.5.5 SWOT Analysis

- 12.5.6 Key Developments
- 12.6 MilDef Group AB
 - 12.6.1 Key Facts
 - 12.6.2 Business Description
 - 12.6.3 Products and Services
 - 12.6.4 Financial Overview
 - 12.6.5 SWOT Analysis
 - 12.6.6 Key Developments
- 12.7 NEXCOM International Co Ltd
 - 12.7.1 Key Facts
 - 12.7.2 Business Description
 - 12.7.3 Products and Services
 - 12.7.4 Financial Overview
 - 12.7.5 SWOT Analysis
 - 12.7.6 Key Developments
- 12.8 Leonardo DRS Inc
 - 12.8.1 Key Facts
 - 12.8.2 Business Description
 - 12.8.3 Products and Services
 - 12.8.4 Financial Overview
 - 12.8.5 SWOT Analysis
 - 12.8.6 Key Developments
- 12.9 Zebra Technologies Corp
 - 12.9.1 Key Facts
 - 12.9.2 Business Description
 - 12.9.3 Products and Services
 - 12.9.4 Financial Overview
 - 12.9.5 SWOT Analysis
 - 12.9.6 Key Developments
- 12.10 Kontron AG
 - 12.10.1 Key Facts
 - 12.10.2 Business Description
 - 12.10.3 Products and Services
 - 12.10.4 Financial Overview
 - 12.10.5 SWOT Analysis
 - 12.10.6 Key Developments

13. APPENDIX

13.1 About The Insight Partners

13.2 Word Index

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