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Global Narrowband IoT Market 2024 by Company, Regions, Type and Application, Forecast to 2030

https://marketpublishers.com/r/G28945A4739AEN.html
Date: November 2024
Pages: 105
Price: US$ 3,480.00 (Single User License)
ID: G28945A4739AEN

Abstracts

According to our (Global Info Research) latest study, the global Narrowband IoT market size was valued at USD 253.6 million in 2023 and is forecast to a readjusted size of USD 1246.7 million by 2030 with a CAGR of 25.5% during review period.

Narrowband IoT (NB-IoT) is a Low Power Wide Area Network (LPWAN) radio technology standard developed by 3GPP to enable a wide range of cellular devices and Services.

According to our research, the number of global connected IoT devices was about 14 billion, grew by 18% compared to 2021. The data released by the Office of the Central Cyberspace Affairs Commission shows that, by the end of 2022, China has built and opened a total of 2.3 million 5G base stations. 110 cities across the country have reached the gigabit city construction standards. Gigabit optical network has the ability to cover more than 500 million households. IPv6 scale deployment application is deeply promoted. The number of active users exceeds 700 million, mobile network IPv6 traffic accounted for nearly 50%. The total size of China's data center racks exceeds 6.5 million standard racks, with an average annual growth rate of more than 30% in the past five years.

The Global Info Research report includes an overview of the development of the Narrowband IoT industry chain, the market status of Smart Governance (Short-range Communication, Low Power Wide Area Network), Smart Metering (Short-range Communication, Low Power Wide Area Network), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Narrowband IoT.

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Regionally, the report analyzes the Narrowband IoT markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Narrowband IoT market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Narrowband IoT market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Narrowband IoT industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., Short-range Communication, Low Power Wide Area Network).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Narrowband IoT market.

Regional Analysis: The report involves examining the Narrowband IoT market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Narrowband IoT market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Narrowband IoT:

Company Analysis: Report covers individual Narrowband IoT players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

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Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Narrowband IoT This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Smart Governance, Smart Metering).

Technology Analysis: Report covers specific technologies relevant to Narrowband IoT. It assesses the current state, advancements, and potential future developments in Narrowband IoT areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Narrowband IoT market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Narrowband IoT market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

Market segment by Type

by Transmission Distance

Short-range Communication

Low Power Wide Area Network

by Deployment Method

Stand Alone

Guard Band

In Band

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Market segment by Application

- Smart Governance
- Smart Metering
- Smart Buildings
- Smart Asset Tracking
- Others

Market segment by players, this report covers

- Huawei Technologies
- Vodafone
- Emirates Telecommunications
- Telecom Italia
- Qualcomm
- China Unicom
- Intel
- Ericsson
- Nokia Networks
- Verizon Communication

Market segment by regions, regional analysis covers

- North America (United States, Canada, and Mexico)

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Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Narrowband IoT product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Narrowband IoT, with revenue, gross margin and global market share of Narrowband IoT from 2019 to 2024.

Chapter 3, the Narrowband IoT competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024.and Narrowband IoT market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Narrowband IoT.

Chapter 13, to describe Narrowband IoT research findings and conclusion.

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Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Narrowband IoT
1.2 Market Estimation Caveats and Base Year
1.3 Classification of Narrowband IoT by Type
  1.3.1 Overview: Global Narrowband IoT Market Size by Type: 2019 Versus 2023 Versus 2030
  1.3.2 Global Narrowband IoT Consumption Value Market Share by Type in 2023
  1.3.3 Short-range Communication
  1.3.4 Low Power Wide Area Network
1.4 Global Narrowband IoT Market by Application
  1.4.1 Overview: Global Narrowband IoT Market Size by Application: 2019 Versus 2023 Versus 2030
  1.4.2 Smart Governance
  1.4.3 Smart Metering
  1.4.4 Smart Buildings
  1.4.5 Smart Asset Tracking
  1.4.6 Others
1.5 Global Narrowband IoT Market Size & Forecast
1.6 Global Narrowband IoT Market Size and Forecast by Region
  1.6.1 Global Narrowband IoT Market Size by Region: 2019 VS 2023 VS 2030
  1.6.2 Global Narrowband IoT Market Size by Region, (2019-2030)
  1.6.3 North America Narrowband IoT Market Size and Prospect (2019-2030)
  1.6.4 Europe Narrowband IoT Market Size and Prospect (2019-2030)
  1.6.5 Asia-Pacific Narrowband IoT Market Size and Prospect (2019-2030)
  1.6.6 South America Narrowband IoT Market Size and Prospect (2019-2030)
  1.6.7 Middle East and Africa Narrowband IoT Market Size and Prospect (2019-2030)

2 COMPANY PROFILES

2.1 Huawei Technologies
  2.1.1 Huawei Technologies Details
  2.1.2 Huawei Technologies Major Business
  2.1.3 Huawei Technologies Narrowband IoT Product and Solutions
  2.1.4 Huawei Technologies Narrowband IoT Revenue, Gross Margin and Market Share (2019-2024)
  2.1.5 Huawei Technologies Recent Developments and Future Plans

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2.2 Vodafone
2.2.1 Vodafone Details
2.2.2 Vodafone Major Business
2.2.3 Vodafone Narrowband IoT Product and Solutions
2.2.4 Vodafone Narrowband IoT Revenue, Gross Margin and Market Share (2019-2024)
2.2.5 Vodafone Recent Developments and Future Plans
2.3 Emirates Telecommunications
2.3.1 Emirates Telecommunications Details
2.3.2 Emirates Telecommunications Major Business
2.3.3 Emirates Telecommunications Narrowband IoT Product and Solutions
2.3.4 Emirates Telecommunications Narrowband IoT Revenue, Gross Margin and Market Share (2019-2024)
2.3.5 Emirates Telecommunications Recent Developments and Future Plans
2.4 Telecom Italia
2.4.1 Telecom Italia Details
2.4.2 Telecom Italia Major Business
2.4.3 Telecom Italia Narrowband IoT Product and Solutions
2.4.4 Telecom Italia Narrowband IoT Revenue, Gross Margin and Market Share (2019-2024)
2.4.5 Telecom Italia Recent Developments and Future Plans
2.5 Qualcomm
2.5.1 Qualcomm Details
2.5.2 Qualcomm Major Business
2.5.3 Qualcomm Narrowband IoT Product and Solutions
2.5.4 Qualcomm Narrowband IoT Revenue, Gross Margin and Market Share (2019-2024)
2.5.5 Qualcomm Recent Developments and Future Plans
2.6 China Unicom
2.6.1 China Unicom Details
2.6.2 China Unicom Major Business
2.6.3 China Unicom Narrowband IoT Product and Solutions
2.6.4 China Unicom Narrowband IoT Revenue, Gross Margin and Market Share (2019-2024)
2.6.5 China Unicom Recent Developments and Future Plans
2.7 Intel
2.7.1 Intel Details
2.7.2 Intel Major Business
2.7.3 Intel Narrowband IoT Product and Solutions

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2.7.4 Intel Narrowband IoT Revenue, Gross Margin and Market Share (2019-2024)
2.7.5 Intel Recent Developments and Future Plans
2.8 Ericsson
2.8.1 Ericsson Details
2.8.2 Ericsson Major Business
2.8.3 Ericsson Narrowband IoT Product and Solutions
2.8.4 Ericsson Narrowband IoT Revenue, Gross Margin and Market Share (2019-2024)
2.8.5 Ericsson Recent Developments and Future Plans
2.9 Nokia Networks
2.9.1 Nokia Networks Details
2.9.2 Nokia Networks Major Business
2.9.3 Nokia Networks Narrowband IoT Product and Solutions
2.9.4 Nokia Networks Narrowband IoT Revenue, Gross Margin and Market Share (2019-2024)
2.9.5 Nokia Networks Recent Developments and Future Plans
2.10 Verizon Communication
2.10.1 Verizon Communication Details
2.10.2 Verizon Communication Major Business
2.10.3 Verizon Communication Narrowband IoT Product and Solutions
2.10.4 Verizon Communication Narrowband IoT Revenue, Gross Margin and Market Share (2019-2024)
2.10.5 Verizon Communication Recent Developments and Future Plans

3 MARKET COMPETITION, BY PLAYERS

3.1 Global Narrowband IoT Revenue and Share by Players (2019-2024)
3.2 Market Share Analysis (2023)
3.2.1 Market Share of Narrowband IoT by Company Revenue
3.2.2 Top 3 Narrowband IoT Players Market Share in 2023
3.2.3 Top 6 Narrowband IoT Players Market Share in 2023
3.3 Narrowband IoT Market: Overall Company Footprint Analysis
3.3.1 Narrowband IoT Market: Region Footprint
3.3.2 Narrowband IoT Market: Company Product Type Footprint
3.3.3 Narrowband IoT Market: Company Product Application Footprint
3.4 New Market Entrants and Barriers to Market Entry
3.5 Mergers, Acquisition, Agreements, and Collaborations

4 MARKET SIZE SEGMENT BY TYPE

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4.1 Global Narrowband IoT Consumption Value and Market Share by Type (2019-2024)
4.2 Global Narrowband IoT Market Forecast by Type (2025-2030)

5 MARKET SIZE SEGMENT BY APPLICATION

5.1 Global Narrowband IoT Consumption Value Market Share by Application (2019-2024)
5.2 Global Narrowband IoT Market Forecast by Application (2025-2030)

6 NORTH AMERICA

6.1 North America Narrowband IoT Consumption Value by Type (2019-2030)
6.2 North America Narrowband IoT Consumption Value by Application (2019-2030)
6.3 North America Narrowband IoT Market Size by Country
  6.3.1 North America Narrowband IoT Consumption Value by Country (2019-2030)
  6.3.2 United States Narrowband IoT Market Size and Forecast (2019-2030)
  6.3.3 Canada Narrowband IoT Market Size and Forecast (2019-2030)
  6.3.4 Mexico Narrowband IoT Market Size and Forecast (2019-2030)

7 EUROPE

7.1 Europe Narrowband IoT Consumption Value by Type (2019-2030)
7.2 Europe Narrowband IoT Consumption Value by Application (2019-2030)
7.3 Europe Narrowband IoT Market Size by Country
  7.3.1 Europe Narrowband IoT Consumption Value by Country (2019-2030)
  7.3.2 Germany Narrowband IoT Market Size and Forecast (2019-2030)
  7.3.3 France Narrowband IoT Market Size and Forecast (2019-2030)
  7.3.4 United Kingdom Narrowband IoT Market Size and Forecast (2019-2030)
  7.3.5 Russia Narrowband IoT Market Size and Forecast (2019-2030)
  7.3.6 Italy Narrowband IoT Market Size and Forecast (2019-2030)

8 ASIA-PACIFIC

8.1 Asia-Pacific Narrowband IoT Consumption Value by Type (2019-2030)
8.2 Asia-Pacific Narrowband IoT Consumption Value by Application (2019-2030)
8.3 Asia-Pacific Narrowband IoT Market Size by Region
  8.3.1 Asia-Pacific Narrowband IoT Consumption Value by Region (2019-2030)
  8.3.2 China Narrowband IoT Market Size and Forecast (2019-2030)

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8.3.3 Japan Narrowband IoT Market Size and Forecast (2019-2030)
8.3.4 South Korea Narrowband IoT Market Size and Forecast (2019-2030)
8.3.5 India Narrowband IoT Market Size and Forecast (2019-2030)
8.3.6 Southeast Asia Narrowband IoT Market Size and Forecast (2019-2030)
8.3.7 Australia Narrowband IoT Market Size and Forecast (2019-2030)

9 SOUTH AMERICA

9.1 South America Narrowband IoT Consumption Value by Type (2019-2030)
9.2 South America Narrowband IoT Consumption Value by Application (2019-2030)
9.3 South America Narrowband IoT Market Size by Country
9.3.1 South America Narrowband IoT Consumption Value by Country (2019-2030)
9.3.2 Brazil Narrowband IoT Market Size and Forecast (2019-2030)
9.3.3 Argentina Narrowband IoT Market Size and Forecast (2019-2030)

10 MIDDLE EAST & AFRICA

10.1 Middle East & Africa Narrowband IoT Consumption Value by Type (2019-2030)
10.2 Middle East & Africa Narrowband IoT Consumption Value by Application (2019-2030)
10.3 Middle East & Africa Narrowband IoT Market Size by Country
10.3.1 Middle East & Africa Narrowband IoT Consumption Value by Country (2019-2030)
10.3.2 Turkey Narrowband IoT Market Size and Forecast (2019-2030)
10.3.3 Saudi Arabia Narrowband IoT Market Size and Forecast (2019-2030)
10.3.4 UAE Narrowband IoT Market Size and Forecast (2019-2030)

11 MARKET DYNAMICS

11.1 Narrowband IoT Market Drivers
11.2 Narrowband IoT Market Restraints
11.3 Narrowband IoT Trends Analysis
11.4 Porters Five Forces Analysis
11.4.1 Threat of New Entrants
11.4.2 Bargaining Power of Suppliers
11.4.3 Bargaining Power of Buyers
11.4.4 Threat of Substitutes
11.4.5 Competitive Rivalry

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12 INDUSTRY CHAIN ANALYSIS

12.1 Narrowband IoT Industry Chain
12.2 Narrowband IoT Upstream Analysis
12.3 Narrowband IoT Midstream Analysis
12.4 Narrowband IoT Downstream Analysis

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

14.1 Methodology
14.2 Research Process and Data Source
14.3 Disclaimer

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List Of Tables

LIST OF TABLES

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List Of Figures

LIST OF FIGURES

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