

Narrowband IoT (NB-IoT) Chipset - Global Market Outlook (2020-2028)

<https://marketpublishers.com/r/N54533567F26EN.html>

Date: May 2021

Pages: 150

Price: US\$ 4,150.00 (Single User License)

ID: N54533567F26EN

Abstracts

According to Statistics MRC, the Global Narrowband IoT (NB-IoT) Chipset Market is accounted for \$461.00 million in 2020 and is expected to reach \$6,063.64 million by 2028 growing at a CAGR of 38.0% during the forecast period. The growing adoption of IoT and the rise in the use of connected devices, rising demand for low-power, low-cost, and long-range connectivity technologies are driving the market growth. However, stiff competition from other low-power wide-area (LPWA) technologies, privacy and security concerns are restraining the growth of the market.

Narrowband IoT (NB-IoT) chipsets are the hardware components that are necessary for building an IoT network and a low-power wide-area network (LPWAN). Narrowband Internet of Things (NB-IoT) is a wireless technology that allows several devices to connect across cellular telecommunication bands. This helps to improve the power consumption, spectrum efficiency, and system capacity of user devices.

Based on the deployment, the guard band segment is going to have lucrative growth during the forecast period due to various benefits of guard band over stand-alone and in-band deployment. These benefits include the absence of frequency planning and reuse of existing infrastructure including RF modules & antenna. Furthermore, the requirement of no additional spectrum cost in guard band deployment is further increases the demand thereby its growth.

By geography, Asia Pacific is going to have high growth during the forecast period owing to its rapid development of the smart city and smart infrastructure in countries. Increasing perception of IoT in various applications and favourable government policies for NB-IoT chipsets in developing nations such as China and India in this region rises the growth of the NB-IoT chipsets market.

Some of the key players profiled in the Narrowband IoT (NB-IoT) Chipset Market include Huawei, Qualcomm, Samsung, Nordic Semiconductor, Sequans Communications, Sierra Wireless, u-blox, MediaTek, Vodafone Group PLC, Sierra Wireless, Deutsche Telekom AG, China United Network Communications Group Co., Ltd., Ericsson, Sequans Communications and SIMCom.

Components Covered:

Hardware (Modules)

Software

Services

Deployments Covered:

Guard Band

In-Band

Stand-Alone

Applications Covered:

Smart Agriculture

Smart Cities

Smart Building

Smart Logistics

Industrial Automation

Personal Care

Smart Retail

Devices Covered:

Smart Meters

Trackers

Alarms and Detectors

Smart Streetlights

Smart Appliances

Other Devices

End Users Covered:

Energy

Public Infrastructure

Environment

Automotive and Transportation

Healthcare

Manufacturing

Safety and Security

Consumer Electronics

Logistics

Regions Covered:**North America**

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025, and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

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Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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