

ASIA-PACIFIC NARROW BAND IOT MARKET FORECAST 2017-2024

<https://marketpublishers.com/r/A5B6117F362EN.html>

Date: April 2017

Pages: 98

Price: US\$ 1,950.00 (Single User License)

ID: A5B6117F362EN

Abstracts

KEY FINDINGS

The Asia Pacific Narrow-Band Internet of Things market was valued at \$451 million in the year 2016 and is expected to hit \$30420.42 million by the year 2024. The CAGR of the Asia Pacific Narrow-Band IOT market is estimated to be 74.97% during the period 2017-2024. The surge in demand for IOT, rising demand for LPWAN, the requirement for low cost and low power connectivity technology, intelligent network bandwidth management are some of the dominant factors motivating the narrow IOT market in the Asia-Pacific region.

MARKET INSIGHTS

The narrow band internet of things market is segmented by deployment type on the basis of Guard band, In-band and standalone. It is further segmented by end-user application on the basis of agriculture, automotive & transportation, building automation, energy, healthcare, infrastructure, manufacturing, retail, safety & security and other applications. The IOT market is also segmented by devices on the basis of Alarms & detectors, smart appliances, smart meters, trackers, wearable devices and others. Low data transmission speed and security and privacy concern are limiting the narrow band IOT market.

COMPETITIVE INSIGHTS

Major players in the Narrow band IOT market are AT&T, Commsolid GMBH, Ericsson, Huawei Technologies co. Ltd, intel corporation, Microsoft, Mistbase AB, Qualcomm Incorporated, Samsung electronics, Sprint corporation, T mobile, U-blox holding AG,

Verizon communications and Vodafone.

Contents

1. RESEARCH SCOPE

- 1.1. STUDY GOALS
- 1.2. STUDY AND FORECASTING YEARS

2. RESEARCH METHODOLOGY

3. EXECUTIVE SUMMARY

- 3.1. MARKET OVERVIEW
- 3.2. MARKET DEFINITION AND SCOPE
- 3.3. KEY FINDINGS
 - 3.3.1. ASIA PACIFIC (APAC): LUCRATIVE GROWTH OPPORTUNITIES
 - 3.3.2. WEARABLE DEVICES: REVENUE GENERATING SEGMENT

4. MARKET DYNAMICS

- 4.1. MARKET DRIVERS
 - 4.1.1. INCREASE IN DEMAND FOR IOT
 - 4.1.2. INCREASING DEMAND FOR LPWAN
 - 4.1.3. REQUIREMENT FOR LOW COST AND LOW POWER CONNECTIVITY TECHNOLOGY
 - 4.1.4. INTELLIGENT NETWORK BANDWIDTH MANAGEMENT
 - 4.1.5. SMART APPLICATIONS AND CONNECTED DEVICES DRIVE DEMAND FOR CONNECTIVITY
 - 4.1.6. TELCO EXPECTING TRACTION OF NB-IOT BEFORE 5G SETS IN
- 4.2. MARKET RESTRAINTS
 - 4.2.1. LOW DATA TRANSMISSION SPEED
 - 4.2.2. SECURITY AND PRIVACY CONCERNS
- 4.3. MARKET OPPORTUNITIES
 - 4.3.1. RISING ACCEPTANCE OF SMART TECHNOLOGY
 - 4.3.2. DEVELOPMENT OF LPWA BASED DEVICES
 - 4.3.3. GOVERNMENTS WORLD OVERDEVELOPING SMART CITIES
 - 4.3.4. USED ACROSS TECHNOLOGIES
- 4.4. MARKET CHALLENGES
 - 4.4.1. LONG TAIL ECOSYSTEM CONTAINING MODULE, APPLICATION PLATFORM AND DEVICE

4.4.2. FRAGMENTED DEVELOPMENT OF IOT AND INTEROPERABILITY ISSUES

5. MARKET SEGMENTATION

5.1. BY DEPLOYMENT TYPE

5.1.1. GUARD BAND

5.1.2. IN-BAND

5.1.3. STANDALONE

5.2. BY END-USER APPLICATION

5.2.1. AGRICULTURE

5.2.2. AUTOMOTIVE & TRANSPORTATION

5.2.3. BUILDING AUTOMATION

5.2.4. ENERGY

5.2.5. HEALTHCARE

5.2.6. INFRASTRUCTURE

5.2.7. MANUFACTURING

5.2.8. RETAIL

5.2.9. SAFETY & SECURITY

5.2.10. OTHER APPLICATION

5.3. BY DEVICES

5.3.1. ALARMS & DETECTORS

5.3.2. SMART APPLIANCES

5.3.3. SMART METERS

5.3.4. TRACKERS

5.3.5. WEARABLE DEVICES

5.3.6. OTHERS

6. KEY ANALYTICS

6.1. PARAMETRIC ANALYSIS

6.1.1. NUMBER OF CONNECTED DEVICES WORLDWIDE

6.1.2. IOT ENABLED SENSORS MARKET

6.1.3. LPWA TECHNOLOGY

6.2. PORTER'S FIVE FORCE MODEL

6.3. KEY BUYING CRITERIA

6.3.1. APPLICATION

6.3.2. COST EFFECTIVENESS

6.3.3. TECHNOLOGICAL ADVANCEMENTS

6.4. KEY MARKET INSIGHTS

- 6.4.1. TOP 3 EMERGING COUNTRIES
- 6.4.2. TOP REVENUE GENERATING SEGMENTS
- 6.4.3. TOP GROWING MARKETS AND EMERGING TRENDS
- 6.5. STRATEGIC RECOMMENDATION
- 6.6. STRATEGIC CONCLUSIONS

7. GEOGRAPHIC ANALYSIS

- 7.1. ASIA PACIFIC
 - 7.1.1. JAPAN
 - 7.1.2. CHINA
 - 7.1.3. INDIA
 - 7.1.4. AUSTRALIA
 - 7.1.5. REST OF ASIA-PACIFIC

8. COMPETITIVE LANDSCAPE

- 8.1. MARKET SHARE ANALYSIS
- 8.2. TOP WINNING STRATEGIES
- 8.3. CASE STUDIES: TOP COMPETITIVE MOVES
- 8.4. COMPANY PROFILE
 - 8.4.1. AT & T
 - 8.4.2. COMMSOLID GMBH
 - 8.4.3. ERICSSON
 - 8.4.4. HUAWEI TECHNOLOGIES CO. LTD
 - 8.4.5. INTEL CORPORATION
 - 8.4.6. MICROSOFT
 - 8.4.7. MISTBASE AB
 - 8.4.8. QUALCOMM INCORPORATED
 - 8.4.9. SAMSUNG ELECTRONICS
 - 8.4.10. SPRINT CORPORATION
 - 8.4.11. T-MOBILE
 - 8.4.12. U-BLOX HOLDING AG
 - 8.4.13. VERIZON COMMUNICATIONS
 - 8.4.14. VODAFONE

TABLE LIST

TABLE 1 COMPARISON OF NARROW BAND IOT WITH 3GPP

TABLE 2 APAC NARROW BAND IOT CHIPSET MARKET BY DEPLOYMENT TYPE
2017-2024 (\$ MILLION)

TABLE 3 ALLOWED LTE DIRECTORIES FOR CONNECTION IN-BAND NARROW
BAND IOT

TABLE 4 STANDALONE DEVELOPMENT BOARDS AND KITS IN THE MARKET

TABLE 5 APAC NARROWBAND IOT MARKET BY END-USER APPLICATION
2017-2024 (\$ MILLION)

TABLE 6 APAC NARROWBAND IOT MARKET BY DEVICES 2017-2024 (\$ MILLION)

TABLE 7 IMPACT OF LPWA

TABLE 8 ASIA PACIFIC NARROW-BAND IOT MARKET BY COUNTRIES 2017-2024
(\$ MILLION)

FIGURE LIST

FIGURE 1 APAC NARROWBAND IOT MARKET BY END USER 2016 AND 2024(%)

FIGURE 2 APACNB-IOT MARKET BY DEVICES 2016 & 2024 (\$ MILLION)

FIGURE 3 APAC IOT MARKET 2016-2023 (\$ BILLION)

FIGURE 4 FALLING COST OF SENSORS FROM 2010 TO 2024

FIGURE 5 APACNARROW BAND IOT CHIPSET MARKET BY GUARD BAND TYPE
2017-2024 (\$ MILLION)

FIGURE 6 APACNARROW BAND IOT CHIPSET MARKET BY IN BAND TYPE
2017-2024 (\$ MILLION)

FIGURE 7 APAC NARROW BAND IOT CHIPSET MARKET BY STANDALONE
2017-2024 (\$ MILLION)

FIGURE 8 APAC IOT DEPLOYMENT BY END-USER INDUSTRY (2015)

FIGURE 9 APAC NARROW BAND END USER BY, REGION (2015)

FIGURE 10 APAC NARROWBAND IOT MARKET BY AGRICULTURE APPLICATION
2017-2024(\$ MILLION)

FIGURE 11 APAC NARROWBAND IOT MARKET BY AUTOMOTIVE AND
TRANSPORTATION APPLICATION 2017-2024(\$ MILLION)

FIGURE 12 MARKET SHARE OF BIOT CONTRACT 2014 & 2020 (%)

FIGURE 13 APAC NARROWBAND IOT MARKET BY BUILDING AUTOMATION
APPLICATION 2017-2024(\$ MILLION)

FIGURE 14 APAC NARROWBAND IOT MARKET BY ENERGY APPLICATION
2017-2024 (\$ MILLION)

FIGURE 15 KEY ADVANTAGES OF IOT IN HEALTHCARE INDUSTRY

FIGURE 16 APAC NARROWBAND IOT MARKET BY HEALTHCARE APPLICATION
2017-2024 (\$ MILLION)

FIGURE 17 APAC NARROWBAND IOT MARKET BY INFRASTRUCTURE

APPLICATION 2017-2024 (\$ MILLION)

FIGURE 18 APAC NARROWBAND IOT MARKET BY MANUFACTURING

APPLICATION 2017-2024(\$ MILLION)

FIGURE 19 ESTIMATED IMPACT OF IOT IN RETAIL BUSINESS IN NEXT 5 YEARS
(% PERCENTAGE)

FIGURE 20 APAC NARROWBAND IOT MARKET BY RETAIL APPLICATION
2017-2024(\$ MILLION)

FIGURE 21 APAC NARROWBAND IOT MARKET BY SAFETY AND SECURITY
APPLICATION 2017-2024(\$ MILLION)

FIGURE 22 APAC NARROWBAND IOT MARKET BY OTHER APPLICATION
2017-2024(\$ MILLION)

FIGURE 23 APAC NARROW BAND IOT MARKET BY DEVICES (2016)

FIGURE 24 APAC NARROWBAND IOT MARKET BY ALARM & DETECTORS
2017-2024(\$ MILLION)

FIGURE 25 SHARE OF SMART CONNECTED MAJOR HOME APPLIANCES
SHIPMENT BY REGION 2014-2020 (%)

FIGURE 26 APAC NARROWBAND IOT MARKET BY SMART APPLIANCES
2017-2024(\$ MILLION)

FIGURE 27 APAC SMART METER MARKET 2017-2024 (\$ BILLION)

FIGURE 28 APAC NARROWBAND IOT MARKET BY SMART METERS 2017-2024(\$
MILLION)

FIGURE 29 APAC NARROWBAND IOT MARKET BY TRACKERS 2017-2024(\$
MILLION)

FIGURE 30 APAC NARROWBAND IOT MARKET BY WEARABLE DEVICES
2017-2024(\$ MILLION)

FIGURE 31 APAC NARROWBAND IOT MARKET BY OTHER DEVICES 2017-2024(\$
MILLION)

FIGURE 32 GROWTH IN NUMBER OF IOT DEVICES 2017-2024 (BILLION UNITS)

FIGURE 33 IOT SENSORS SHIPMENT 2017-2024 (BILLION)

FIGURE 34 PORTER'S FIVE FORCE MODEL IN ELECTRONIC ENCLOSURES
MARKET

FIGURE 35 TOP EMERGING COUNTRIES 2017-2024 (\$ MILLION)

FIGURE 36 TOP REVENUE GENERATING SEGMENTS 2017-2024 (\$ MILLION)

FIGURE 37 INVESTMENT PROPOSITION, BY SEGMENTS IN NARROWBAND IOT
MARKET (2016)

FIGURE 38 ASIA PACIFIC CLOUD MANAGEMENT TECHNOLOGY MARKET
2017-2024(\$ MILLION)

FIGURE 39 AVERAGE SENSOR COST 2010-2024 (\$)

FIGURE 40 SMART HOME TECHNOLOGY MARKET IN JAPAN 2017-2024 (\$

MILLION)

FIGURE 41 JAPAN NARROW-BAND IOT MARKET 2017-2024 (\$ MILLION)

FIGURE 42 CHINA NARROW-BAND IOT MARKET 2017-2024 (\$ MILLION)

FIGURE 43 INTERNET PENETRATION IN INDIA 2009-2022 (\$ MILLION)

FIGURE 44 INDIA NARROW-BAND IOT MARKET 2017-2024 (\$ MILLION)

FIGURE 45 AUSTRALIA NARROW-BAND IOT MARKET 2017-2024 (\$ MILLION)

FIGURE 46 REST OF ASIA-PACIFIC NARROW-BAND IOT MARKET 2017-2024 (\$ MILLION)

FIGURE 47 MARKET SHARE ANALYSIS OF GLOBAL NARROW BAND IOT MARKET (2016)

FIGURE 48 MARKET SHARE OF IOT COMPANIES IN TERMS OF REVENUE, 2015

I would like to order

Product name: ASIA-PACIFIC NARROW BAND IOT MARKET FORECAST 2017-2024

Product link: <https://marketpublishers.com/r/A5B6117F362EN.html>

Price: US\$ 1,950.00 (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/A5B6117F362EN.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