

# **5G Infrastructure Market by Communication Infrastructure (Small Cell & Macro Cell), Core Network (SDN & NFV), Network Architecture (Standalone & Non-standalone), Operational Frequency (Sub 6GHz & Above 6GHz), End User & Geography - Global Forecast to 2027**

<https://marketpublishers.com/r/5B15676B550EN.html>

Date: October 2019

Pages: 210

Price: US\$ 5,650.00 (Single User License)

ID: 5B15676B550EN

## **Abstracts**

“5G infrastructure market projected to grow at 67.1% CAGR during 2019–2027”

The 5G infrastructure market is estimated to be valued at USD 784 million in 2019 and is projected to reach USD 47,775 million by 2027, at a CAGR of 67.1%. Lower latency in 5G, growing adoption of virtual networking architecture in telecommunications, and growth in mobile data traffic are among the major driving factors for the growth of the 5G infrastructure market. Increasing M2M connections across various industries are also expected to fuel the growth of the 5G infrastructure market.

“5G NR Non-standalone (LTE COMBINED) market to offer lucrative opportunity for 5G infrastructure applications”

Non-standalone (NSA) 5G network refers to having merely 5G NR cells in place with an evolved packet core (EPC). The deployment of 5G cells would solely rely on existing LTE network for all control functions and add-on services. The 5G NSA architecture operates in master–slave configuration, in which the 4G access node is the master and 5G access node is the slave.

“Above 6 GHz to witness highest growth for 5G infrastructure in coming years”

Above 6 GHz frequencies such as 26 GHz and 28 GHz bands have strong momentum. As they are adjacent, they tend to support spectrum harmonization, and thus reduce handset complexity, economies of scale, and early equipment availability. Governments and regulators must realize the potential of 5G for new mobile bands above 24 GHz. Significant availability of harmonized 5G spectrum in these bands is essential to enable fast 5G speeds, low cost devices, international roaming, and minimize cross border interference.

APAC continues to grow significantly for 5G infrastructure market in coming years

This high growth in APAC is attributed to the adoption of new technologies and advancements in organizations across various industries. 5G network would play an integral role in advanced technologies such as IoT and machine-to-machine communication (M2M), as well as in smart cities and industrial automation. Also, the 5G infrastructure market has huge opportunities in smart cities. Various countries in Asia have either initialized the implementation of smart city projects or are in the planning phase.

In the process of determining and verifying the market size for several segments and subsegments gathered through secondary research, extensive primary interviews have been conducted with key industry experts in the 5G infrastructure marketplace. The break-up of primary participants for the report has been shown below:

By Company Type: Tier 1 = 20%, Tier 2 = 50%, and Tier 3 = 30%

By Designation: C-level Executives = 30%, Manager Level = 50%, and Others = 20%

By Region: North America = 20%, Europe = 40%, APAC = 30%, and RoW = 10%

The major players in 5G infrastructure market are Huawei (China), Ericsson (Sweden), Samsung (South Korea), Nokia Networks (Finland), ZTE (China), NEC (Japan), CISCO (US), CommScope (US), Comba Telecom Systems (Hong Kong), Alpha Networks (Taiwan), Siklu Communication (Israel), and Mavenir (US).

Research Coverage:

This research report categorizes the global 5G infrastructure based on communication infrastructure, core network technology, network architecture, operational frequency, end user, and geography. The report describes the major drivers, restraints, challenges, and opportunities pertaining to the 5G infrastructure market and forecasts the same till 2027.

### Key Benefits of Buying the Report

The report would help leaders/new entrants in this market in the following ways:

1. This report segments the 5G infrastructure market comprehensively and provides the closest market size projection for all subsegments across different regions.
2. The report helps stakeholders understand the pulse of the market and provides them with information on key drivers, restraints, challenges, and opportunities for market growth.
3. The report helps stakeholders to understand the value-chain of the 5G infrastructure market along with recent case studies.
4. This report would help stakeholders understand their competitors better and gain more insights to improve their position in the business. The competitive landscape section includes product launch, acquisition, collaboration, expansion, and partnership.

## Contents

### 1 INTRODUCTION

#### 1.1 STUDY OBJECTIVES

#### 1.2 DEFINITION

#### 1.3 STUDY SCOPE

##### 1.3.1 MARKETS COVERED

##### 1.3.2 YEARS CONSIDERED

#### 1.4 CURRENCY

#### 1.5 LIMITATIONS

#### 1.6 STAKEHOLDERS

### 2 RESEARCH METHODOLOGY

#### 2.1 RESEARCH DATA

##### 2.1.1 SECONDARY AND PRIMARY RESEARCH

###### 2.1.1.1 Key industry insights

##### 2.1.2 SECONDARY DATA

###### 2.1.2.1 List of major secondary sources

###### 2.1.2.2 Secondary sources

##### 2.1.3 PRIMARY DATA

###### 2.1.3.1 Breakdown of primaries

###### 2.1.3.2 Primary sources

#### 2.2 MARKET SIZE ESTIMATION

##### 2.2.1 BOTTOM-UP APPROACH

###### 2.2.1.1 Approach for capturing market share by bottom-up analysis (demand side)

##### 2.2.2 TOP-DOWN APPROACH

###### 2.2.2.1 Approach for capturing the market share by top-down analysis (supply side)

#### 2.3 MARKET BREAKDOWN AND DATA TRIANGULATION

#### 2.4 RESEARCH ASSUMPTIONS

### 3 EXECUTIVE SUMMARY

### 4 PREMIUM INSIGHTS

#### 4.1 ATTRACTIVE OPPORTUNITIES IN 5G INFRASTRUCTURE MARKET

#### 4.2 5G INFRASTRUCTURE MARKET, BY COMMUNICATION INFRASTRUCTURE

#### 4.3 5G INFRASTRUCTURE MARKET, BY CORE NETWORK TECHNOLOGY

#### 4.4 5G INFRASTRUCTURE MARKET, BY NETWORK ARCHITECTURE

#### 4.5 5G INFRASTRUCTURE MARKET FOR COMMERCIAL, BY TYPE & REGION

#### 4.6 5G INFRASTRUCTURE MARKET, BY GEOGRAPHY

### **5 MARKET OVERVIEW**

#### 5.1 INTRODUCTION

#### 5.2 MARKET DYNAMICS

##### 5.2.1 DRIVERS

5.2.1.1 Lower latency in 5G

5.2.1.2 Growth in mobile data traffic

5.2.1.3 Growing adoption of virtual networking architecture in telecommunications

5.2.1.4 Increasing M2M connections across various industries

##### 5.2.2 RESTRAINTS

5.2.2.1 Delay in standardization of spectrum allocation

##### 5.2.3 OPPORTUNITIES

5.2.3.1 Growing demand from different business verticals

5.2.3.2 Growth of IoT technology would offer new opportunities for 5G infrastructure

##### 5.2.4 CHALLENGES

5.2.4.1 Technological design challenges

5.2.4.1.1 Heat dissipation in massive multiple input and multiple output (MIMO)

5.2.4.1.2 Inter-cell interference management

5.2.4.2 Deployment and coverage

#### 5.3 VALUE CHAIN ANALYSIS

#### 5.4 5G TRIAL SPECTRUM

#### 5.5 5G USE CASES

5.5.1 CONNECTED TRANSPORTATION

5.5.2 CONNECTED HEALTH

5.5.3 SMART MANUFACTURING

5.5.4 AR/VR

### **6 5G INFRASTRUCTURE MARKET, BY COMMUNICATION INFRASTRUCTURE**

#### 6.1 INTRODUCTION

#### 6.2 SMALL CELL

##### 6.2.1 MICRO CELL

6.2.1.1 Micro cells have a greater coverage area than femtocells and pico cells

##### 6.2.2 FEMTOCELL

6.2.2.1 Femtocells are usually deployed in homes or small businesses because of its

short range small cell types

### 6.2.3 PICO CELL

6.2.3.1 Pico cells are usually installed in larger indoor areas such as shopping malls, offices, or train stations.

## 6.3 MACRO CELL (5G RADIO BASE STATION)

6.3.1 A MACRO CELL IN WIRELESS CELLULAR NETWORKS PROVIDES RADIO ACCESS COVERAGE TO A LARGE AREA OF MOBILE NETWORK

## 7 5G INFRASTRUCTURE MARKET, BY CORE NETWORK TECHNOLOGY

### 7.1 INTRODUCTION

#### 7.2 SDN

7.2.1 SDN ALLOWS NETWORK/CLOUD OPERATORS TO MAKE INSTANT CHANGES IN THEIR NETWORK THROUGH A CENTRALIZED CONTROL SYSTEM

#### 7.3 NFV

7.3.1 NFV IS AN ADVANCED NETWORK TECHNOLOGY THAT EMPLOYS VIRTUALIZED NETWORK SERVICES

## 8 5G INFRASTRUCTURE MARKET, BY NETWORK ARCHITECTURE

### 8.1 INTRODUCTION

#### 8.2 5G NR NON-STANDALONE (LTE COMBINED)

8.2.1 5G NON-STANDALONE ARCHITECTURE OPERATES IN MASTER-SLAVE CONFIGURATION

#### 8.3 5G STANDALONE (NR + CORE)

8.3.1 5G STANDALONE NETWORK PROVIDES AN END-TO-END 5G EXPERIENCE TO USERS

## 9 5G INFRASTRUCTURE MARKET, BY OPERATIONAL FREQUENCY

### 9.1 INTRODUCTION

#### 9.2 SUB 6 GHZ

9.2.1 SUB 6 GHZ BAND OFFERS AN AMALGAMATION OF COVERAGE AND CAPACITY BENEFITS

#### 9.3 ABOVE 6 GHZ

9.3.1 ABOVE 6 GHZ BAND IS ESSENTIAL TO MEET ULTRA-HIGH BROADBAND SPEEDS PROJECTED FOR 5G

## 10 5G INFRASTRUCTURE MARKET, BY END USER

## 10.1 INTRODUCTION

### 10.2 RESIDENTIAL

10.2.1 SMART HOME, SYNCHRONIZED WATCHES, SMARTPHONES, AND FITNESS APPS ARE GAINING TRACTION AND EXPECTED TO GROW AT HIGH RATE DUE TO PERFORMANCE CAPABILITIES OF 5G

### 10.3 COMMERCIAL

10.3.1 COMMERCIAL IS A MAJOR SECTOR THAT MOBILE SERVICE PROVIDERS TARGET

### 10.4 INDUSTRIAL

10.4.1 IOT AND M2M COMMUNICATION ARE KEY TECHNOLOGIES EMPLOYING INDUSTRIAL AUTOMATION

### 10.5 GOVERNMENT

10.5.1 SEVERAL GOVERNMENTS ACROSS THE WORLD WOULD PLAY MAJOR ROLE IN GROWTH OF 5G MARKET BY DEPLOYING 5G NETWORKS AT GOVERNMENT SCHOOLS AND COLLEGES

## 11 GEOGRAPHIC ANALYSIS

### 11.1 INTRODUCTION

#### 11.2 NORTH AMERICA

##### 11.2.1 US

11.2.1.1 US being in forefront of adoption of IoT, wearable technology to drive growth of 5G market

##### 11.2.2 CANADA

11.2.2.1 Adoption of advanced technologies, particularly forthcoming 5G and the proliferating IoT, to rise in Canada

##### 11.2.3 MEXICO

11.2.3.1 Mexico to exhibit highest growth in North American 5G infrastructure market during 2019–2027

#### 11.3 EUROPE

##### 11.3.1 UK

11.3.1.1 UK government is heavily investing in 5G infrastructure for quick deployment of 5G networks in various parts of Europe

##### 11.3.2 GERMANY

11.3.2.1 Germany is powerhouse of industrial and automobile electronics manufacturing within Europe

##### 11.3.3 FRANCE

11.3.3.1 IoT would catalyze 5G market in France as IoT implementation requires

large number of interconnected and communicating devices

#### 11.3.4 ITALY

11.3.4.1 IoT Italian 5G infrastructure market growth will be propelled by heavy investments in establishing high-speed and robust networks

#### 11.3.5 REST OF EUROPE

11.3.5.1 Advanced network equipment that can establish seamless connectivity plays a vital role in automation

#### 11.4 APAC

##### 11.4.1 CHINA

11.4.1.1 China is among fast-growing economies involved in 5G network infrastructure development

##### 11.4.2 JAPAN

11.4.2.1 Companies in Japan have made significant investments in R&D to gain competitive edge in the market

##### 11.4.3 SOUTH KOREA

11.4.3.1 South Korea is home to various large-scale manufacturing companies operating in semiconductor displays, transport, and logistics verticals

##### 11.4.4 INDIA

11.4.4.1 Widespread proliferation of broadband connectivity and penetration of advanced technologies across Indian organizations to drive demand for 5G network in India

##### 11.4.5 REST OF APAC

11.4.5.1 Countries such as Singapore and Australia are likely to launch 5G networks because of active participation of government bodies

#### 11.5 ROW

##### 11.5.1 MIDDLE EAST AND AFRICA

11.5.1.1 Companies conduct research on 5G and M2M communication technologies for IoT and smart city applications, which would surge demand for 5G networks

##### 11.5.2 SOUTH AMERICA

11.5.2.1 Growing internet users in South America to drive growth of 5G infrastructure market

## 12 COMPETITIVE LANDSCAPE

### 12.1 OVERVIEW

### 12.2 MARKET RANKING ANALYSIS, 2019

### 12.3 COMPETITIVE SITUATION AND TRENDS

#### 12.3.1 PARTNERSHIPS, COLLABORATIONS, AND AGREEMENTS

#### 12.3.2 PRODUCT LAUNCHES



- 12.3.3 EXPANSIONS
- 12.3.4 ACQUISITIONS
- 12.4 COMPETITIVE LEADERSHIP MAPPING
  - 12.4.1 VISIONARY LEADERS
  - 12.4.2 INNOVATORS
  - 12.4.3 DYNAMIC DIFFERENTIATORS
  - 12.4.4 EMERGING COMPANIES

## **13 COMPANY PROFILES**

### **13.1 KEY PLAYERS**

(Business Overview, Products Offered, Recent Developments, SWOT Analysis, and MnM View)\*

- 13.1.1 ERICSSON
- 13.1.2 HUAWEI
- 13.1.3 NOKIA NETWORKS
- 13.1.4 SAMSUNG
- 13.1.5 ZTE
- 13.1.6 NEC
- 13.1.7 CISCO
- 13.1.8 COMMSCOPE
- 13.1.9 COMBA TELECOM SYSTEMS
- 13.1.10 ALPHA NETWORKS
- 13.1.11 SIKLU COMMUNICATION
- 13.1.12 MAVENIR

\* Business Overview, Products Offered, Recent Developments, SWOT Analysis, and MnM View might not be captured in case of unlisted companies.

### **13.2 OTHER KEY PLAYERS**

- 13.2.1 AIRSPAN NETWORKS
- 13.2.2 VMWARE
- 13.2.3 EXTREME NETWORKS
- 13.2.4 AMERICAN TOWER
- 13.2.5 FUJITSU
- 13.2.6 VERIZON COMMUNICATIONS
- 13.2.7 AT&T
- 13.2.8 SK TELECOM
- 13.2.9 T-MOBILE
- 13.2.10 HEWLETT PACKARD ENTERPRISE
- 13.2.11 KOREA TELECOM

13.2.12 CHINA MOBILE

## **14 APPENDIX**

14.1 INSIGHTS OF INDUSTRY EXPERTS

14.2 DISCUSSION GUIDE

14.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

14.4 AVAILABLE CUSTOMIZATIONS

14.5 RELATED REPORT

14.6 AUTHOR DETAILS

## List Of Tables

### LIST OF TABLES

TABLE 1 5G INFRASTRUCTURE MARKET, BY COMMUNICATION INFRASTRUCTURE, 2018–2027 (USD MILLION)

TABLE 2 5G INFRASTRUCTURE MARKET, BY COMMUNICATION INFRASTRUCTURE, 2018–2027 (THOUSAND UNITS)

TABLE 3 5G COMMUNICATION INFRASTRUCTURE MARKET, BY REGION, 2018–2027 (USD MILLION)

TABLE 4 5G COMMUNICATION INFRASTRUCTURE MARKET IN NORTH AMERICA, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 5 5G COMMUNICATION INFRASTRUCTURE MARKET IN EUROPE, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 6 5G COMMUNICATION INFRASTRUCTURE MARKET IN APAC, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 7 5G COMMUNICATION INFRASTRUCTURE MARKET IN ROW, BY REGION, 2018–2027 (USD MILLION)

TABLE 8 5G COMMUNICATION INFRASTRUCTURE MARKET, BY END USER, 2018–2027 (USD MILLION)

TABLE 9 5G SMALL CELL MARKET, BY NETWORK ARCHITECTURE, 2018–2027 (THOUSAND UNITS)

TABLE 10 5G SMALL CELL MARKET, BY DEPLOYMENT TYPE, 2018–2027 (THOUSAND UNITS)

TABLE 11 5G SMALL CELL MARKET, BY TYPE, 2018–2027 (THOUSAND UNITS)

TABLE 12 5G SMALL CELL MARKET, BY TYPE, 2018–2027 (USD MILLION)

TABLE 13 5G SMALL CELL MARKET, BY REGION, 2018–2027 (USD MILLION)

TABLE 14 5G SMALL CELL MARKET IN NORTH AMERICA, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 15 5G SMALL CELL MARKET IN EUROPE, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 16 5G SMALL CELL MARKET IN APAC, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 17 5G SMALL CELL MARKET IN ROW, BY REGION, 2018–2027 (USD MILLION)

TABLE 18 COMPARISON OF VARIOUS TYPES OF CELLS IN 5G INFRASTRUCTURE MARKET

TABLE 19 5G MACRO CELL MARKET, BY REGION, 2018–2027 (USD MILLION)

TABLE 20 5G MACRO CELL MARKET IN NORTH AMERICA, BY COUNTRY,

2018–2027 (USD MILLION)

TABLE 21 5G MACRO CELL MARKET IN EUROPE, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 22 5G MACRO CELL MARKET IN APAC, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 23 5G MACRO CELL MARKET IN ROW, BY REGION, 2018–2027 (USD MILLION)

TABLE 24 5G INFRASTRUCTURE MARKET, BY CORE NETWORK TECHNOLOGY, 2018–2027 (USD MILLION)

TABLE 25 5G CORE NETWORK TECHNOLOGY, BY REGION, 2018–2027 (USD MILLION)

TABLE 26 5G CORE NETWORK TECHNOLOGY IN NORTH AMERICA, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 27 5G CORE NETWORK TECHNOLOGY IN EUROPE, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 28 5G CORE NETWORK TECHNOLOGY IN APAC, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 29 5G CORE NETWORK TECHNOLOGY IN ROW, BY REGION, 2018–2027 (USD MILLION)

TABLE 30 5G CORE NETWORK TECHNOLOGY, BY END USER, 2018–2027 (USD MILLION)

TABLE 31 5G SDN MARKET, BY REGION, 2018–2027 (USD MILLION)

TABLE 32 5G SDN MARKET IN NORTH AMERICA, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 33 5G SDN MARKET IN EUROPE, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 34 5G SDN MARKET IN APAC, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 35 5G SDN MARKET IN ROW, BY REGION, 2018–2027 (USD MILLION)

TABLE 36 5G NFV MARKET, BY REGION, 2018–2027 (USD MILLION)

TABLE 37 5G NFV MARKET IN NORTH AMERICA, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 38 5G NFV MARKET IN EUROPE, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 39 5G NFV MARKET IN APAC, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 40 5G NFV MARKET IN ROW, BY REGION, 2018–2027 (USD MILLION)

TABLE 41 5G INFRASTRUCTURE MARKET, BY NETWORK ARCHITECTURE, 2018–2027 (USD MILLION)

TABLE 42 5G INFRASTRUCTURE MARKET, BY OPERATIONAL FREQUENCY, 2018–2027 (USD MILLION)

TABLE 43 5G INFRASTRUCTURE MARKET FOR SUB 6 GHZ FREQUENCY, BY REGION, 2018–2027 (USD MILLION)

TABLE 44 5G INFRASTRUCTURE MARKET FOR ABOVE 6 GHZ, BY REGION, 2018–2027 (USD MILLION)

TABLE 45 5G INFRASTRUCTURE MARKET, BY END USER, 2018–2027 (USD MILLION)

TABLE 46 5G INFRASTRUCTURE MARKET FOR RESIDENTIAL, BY REGION, 2018–2027 (USD MILLION)

TABLE 47 5G INFRASTRUCTURE MARKET FOR RESIDENTIAL, BY TYPE, 2018–2027 (USD MILLION)

TABLE 48 5G INFRASTRUCTURE MARKET FOR COMMERCIAL, BY REGION, 2018–2027 (USD MILLION)

TABLE 49 5G INFRASTRUCTURE MARKET FOR COMMERCIAL, BY TYPE, 2018–2027 (USD MILLION)

TABLE 50 5G INFRASTRUCTURE MARKET FOR INDUSTRIAL, BY REGION, 2019–2027 (USD MILLION)

TABLE 51 5G INFRASTRUCTURE MARKET FOR INDUSTRIAL, BY TYPE, 2019–2027 (USD MILLION)

TABLE 52 5G INFRASTRUCTURE MARKET FOR GOVERNMENT, BY REGION, 2019–2027 (USD MILLION)

TABLE 53 5G INFRASTRUCTURE MARKET FOR GOVERNMENT, BY TYPE, 2019–2027 (USD MILLION)

TABLE 54 5G INFRASTRUCTURE MARKET, BY REGION, 2018–2027 (USD MILLION)

TABLE 55 5G INFRASTRUCTURE MARKET IN NORTH AMERICA, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 56 5G INFRASTRUCTURE MARKET IN NORTH AMERICA, BY COMMUNICATION INFRASTRUCTURE, 2018–2027 (USD MILLION)

TABLE 57 5G INFRASTRUCTURE MARKET IN NORTH AMERICA, BY OPERATIONAL FREQUENCY, 2018–2027 (USD MILLION)

TABLE 58 5G INFRASTRUCTURE MARKET IN NORTH AMERICA, BY END USER, 2018–2027 (USD MILLION)

TABLE 59 5G INFRASTRUCTURE MARKET IN NORTH AMERICA, BY CORE NETWORK TECHNOLOGY, 2018–2027 (USD MILLION)

TABLE 60 5G INFRASTRUCTURE MARKET IN US, BY COMMUNICATION INFRASTRUCTURE, 2018–2027 (USD MILLION)

TABLE 61 5G INFRASTRUCTURE MARKET IN US, BY CORE NETWORK TECHNOLOGY, 2018–2027 (USD MILLION)

TABLE 62 5G INFRASTRUCTURE MARKET IN CANADA, BY COMMUNICATION INFRASTRUCTURE, 2020–2027 (USD MILLION)

TABLE 63 5G INFRASTRUCTURE MARKET IN CANADA, BY CORE NETWORK

TECHNOLOGY, 2020–2027 (USD MILLION)

TABLE 64 5G INFRASTRUCTURE MARKET IN MEXICO, BY COMMUNICATION INFRASTRUCTURE, 2020–2027 (USD MILLION)

TABLE 65 5G INFRASTRUCTURE MARKET IN MEXICO, BY CORE NETWORK TECHNOLOGY, 2020–2027 (USD MILLION)

TABLE 66 5G INFRASTRUCTURE MARKET IN EUROPE, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 67 5G INFRASTRUCTURE MARKET IN EUROPE, BY COMMUNICATION INFRASTRUCTURE, 2018–2027 (USD MILLION)

TABLE 68 5G INFRASTRUCTURE MARKET IN EUROPE, BY OPERATIONAL FREQUENCY, 2018–2027 (USD MILLION)

TABLE 69 5G INFRASTRUCTURE MARKET IN EUROPE, BY END USER, 2018–2027 (USD MILLION)

TABLE 70 5G INFRASTRUCTURE MARKET IN EUROPE, BY CORE NETWORK TECHNOLOGY, 2018–2027 (USD MILLION)

TABLE 71 5G INFRASTRUCTURE MARKET IN UK, BY COMMUNICATION INFRASTRUCTURE, 2019–2027 (USD MILLION)

TABLE 72 5G INFRASTRUCTURE MARKET IN UK, BY CORE NETWORK TECHNOLOGY, 2019–2027 (USD MILLION)

TABLE 73 5G INFRASTRUCTURE MARKET IN GERMANY, BY COMMUNICATION INFRASTRUCTURE, 2019–2027 (USD MILLION)

TABLE 74 5G INFRASTRUCTURE MARKET IN GERMANY, BY CORE NETWORK TECHNOLOGY, 2019–2027 (USD MILLION)

TABLE 75 5G INFRASTRUCTURE MARKET IN FRANCE, BY COMMUNICATION INFRASTRUCTURE, 2019–2027 (USD MILLION)

TABLE 76 5G INFRASTRUCTURE MARKET IN FRANCE, BY CORE NETWORK TECHNOLOGY, 2019–2027 (USD MILLION)

TABLE 77 5G INFRASTRUCTURE MARKET IN ITALY, BY COMMUNICATION INFRASTRUCTURE, 2019–2027 (USD MILLION)

TABLE 78 5G INFRASTRUCTURE MARKET IN ITALY, BY CORE NETWORK TECHNOLOGY, 2019–2027 (USD MILLION)

TABLE 79 5G INFRASTRUCTURE MARKET IN REST OF EUROPE, BY COMMUNICATION INFRASTRUCTURE, 2018–2027 (USD MILLION)

TABLE 80 5G INFRASTRUCTURE MARKET IN REST OF EUROPE, BY CORE NETWORK TECHNOLOGY, 2018–2027 (USD MILLION)

TABLE 81 5G INFRASTRUCTURE MARKET IN APAC, BY COUNTRY, 2018–2027 (USD MILLION)

TABLE 82 5G INFRASTRUCTURE MARKET IN APAC, BY COMMUNICATION INFRASTRUCTURE, 2018–2027 (USD MILLION)

- TABLE 83 5G INFRASTRUCTURE MARKET IN APAC, BY OPERATIONAL FREQUENCY, 2018–2027 (USD MILLION)
- TABLE 84 5G INFRASTRUCTURE MARKET IN APAC, BY END USER, 2018–2027 (USD MILLION)
- TABLE 85 5G INFRASTRUCTURE MARKET IN APAC, BY CORE NETWORK TECHNOLOGY, 2018–2027 (USD MILLION)
- TABLE 86 5G INFRASTRUCTURE MARKET IN CHINA, BY COMMUNICATION INFRASTRUCTURE, 2019–2027 (USD MILLION)
- TABLE 87 5G INFRASTRUCTURE MARKET IN CHINA, BY CORE NETWORK TECHNOLOGY, 2019–2027 (USD MILLION)
- TABLE 88 5G INFRASTRUCTURE MARKET IN JAPAN, BY COMMUNICATION INFRASTRUCTURE, 2019–2027 (USD MILLION)
- TABLE 89 5G INFRASTRUCTURE MARKET IN JAPAN, BY CORE NETWORK TECHNOLOGY, 2019–2027 (USD MILLION)
- TABLE 90 5G INFRASTRUCTURE MARKET IN SOUTH KOREA, BY COMMUNICATION INFRASTRUCTURE, 2018–2027 (USD MILLION)
- TABLE 91 5G INFRASTRUCTURE MARKET IN SOUTH KOREA, BY CORE NETWORK TECHNOLOGY, 2018–2027 (USD MILLION)
- TABLE 92 5G INFRASTRUCTURE MARKET IN INDIA, BY COMMUNICATION INFRASTRUCTURE, 2021–2027 (USD MILLION)
- TABLE 93 5G INFRASTRUCTURE MARKET IN INDIA, BY CORE NETWORK TECHNOLOGY, 2021–2027 (USD MILLION)
- TABLE 94 5G INFRASTRUCTURE MARKET IN REST OF APAC, BY COMMUNICATION INFRASTRUCTURE, 2019–2027 (USD MILLION)
- TABLE 95 5G INFRASTRUCTURE MARKET IN REST OF APAC, BY CORE NETWORK TECHNOLOGY, 2019–2027 (USD MILLION)
- TABLE 96 5G INFRASTRUCTURE MARKET IN ROW, BY REGION, 2018–2027 (USD MILLION)
- TABLE 97 5G INFRASTRUCTURE MARKET IN ROW, BY COMMUNICATION INFRASTRUCTURE, 2018–2027 (USD MILLION)
- TABLE 98 5G INFRASTRUCTURE MARKET IN ROW, BY OPERATIONAL FREQUENCY, 2018–2027 (USD MILLION)
- TABLE 99 5G INFRASTRUCTURE MARKET IN ROW, BY END USER, 2018–2027 (USD MILLION)
- TABLE 100 5G INFRASTRUCTURE MARKET IN ROW, BY CORE NETWORK TECHNOLOGY, 2018–2027 (USD MILLION)
- TABLE 101 5G INFRASTRUCTURE MARKET IN MIDDLE EAST AND AFRICA, BY COMMUNICATION INFRASTRUCTURE, 2018–2027 (USD MILLION)
- TABLE 102 5G INFRASTRUCTURE MARKET IN MIDDLE EAST AND AFRICA, BY

CORE NETWORK TECHNOLOGY, 2018–2027 (USD MILLION)  
TABLE 103 5G INFRASTRUCTURE MARKET IN SOUTH AMERICA, BY  
COMMUNICATION INFRASTRUCTURE, 2020–2027 (USD MILLION)  
TABLE 104 5G INFRASTRUCTURE MARKET IN SOUTH AMERICA, BY CORE  
NETWORK TECHNOLOGY, 2020–2027 (USD MILLION)  
TABLE 105 PARTNERSHIP, COLLABORATION, AND AGREEMENT, 2017–2019  
TABLE 106 PRODUCT LAUNCH, 2017–2019  
TABLE 107 EXPANSION, 2018–2019  
TABLE 108 ACQUISITION, 2018–2019



## List Of Figures

### LIST OF FIGURES

- FIGURE 1 5G INFRASTRUCTURE MARKET SEGMENTATION
- FIGURE 2 RESEARCH DESIGN
- FIGURE 3 BOTTOM-UP APPROACH
- FIGURE 4 TOP-DOWN APPROACH
- FIGURE 5 DATA TRIANGULATION
- FIGURE 6 5G INFRASTRUCTURE MARKET, BY COMMUNICATION INFRASTRUCTURE, 2019 VS. 2027 (USD MILLION)
- FIGURE 7 5G INFRASTRUCTURE MARKET, BY CORE NETWORK TECHNOLOGY, 2019 VS. 2027 (USD MILLION)
- FIGURE 8 5G INFRASTRUCTURE MARKET, BY NETWORK ARCHITECTURE, 2019 VS. 2027 (USD MILLION)
- FIGURE 9 5G INFRASTRUCTURE MARKET, BY OPERATIONAL FREQUENCY, 2019 VS. 2027 (USD MILLION)
- FIGURE 10 5G INFRASTRUCTURE MARKET IN APAC TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD
- FIGURE 11 LOWER LATENCY IN 5G AND GROWTH IN MOBILE DATA TRAFFIC TO DRIVE 5G INFRASTRUCTURE MARKET DURING 2019–2027
- FIGURE 12 COMMERCIAL END-USER SEGMENT TO HOLD LARGEST SIZE OF 5G COMMUNICATION INFRASTRUCTURE MARKET BY 2027
- FIGURE 13 APAC TO LEAD 5G CORE NETWORK MARKET DURING FORECAST PERIOD
- FIGURE 14 5G STANDALONE TO DOMINATE 5G INFRASTRUCTURE MARKET FOR NETWORK ARCHITECTURE DURING FORECAST PERIOD
- FIGURE 15 COMMUNICATION INFRASTRUCTURE AND APAC REGION LIKELY TO BE LARGEST SHAREHOLDERS IN OVERALL MARKET BY COMMERCIAL END USER INDUSTRY
- FIGURE 16 CHINA TO GROW AT HIGHEST CAGR IN 5G INFRASTRUCTURE MARKET DURING FORECAST PERIOD
- FIGURE 17 CONTINUOUS INCREASE IN DEMAND FOR MOBILE DATA SERVICES DRIVE 5G INFRASTRUCTURE MARKET
- FIGURE 18 MOBILE DATA TRAFFIC, 2017–2022
- FIGURE 19 CELLULAR IOT CONNECTIONS, 2018 VS. 2024
- FIGURE 20 5G TECHNOLOGY ECOSYSTEM: VALUE CHAIN ANALYSIS
- FIGURE 21 5G TRIAL SPECTRUM (GHZ)
- FIGURE 22 5G INFRASTRUCTURE MARKET, BY COMMUNICATION

**INFRASTRUCTURE**

FIGURE 23 APAC TO LEAD 5G COMMUNICATION INFRASTRUCTURE MARKET BY 2027

FIGURE 24 COMMERCIAL TO HOLD LARGEST SIZE END-USER MARKET FOR 5G COMMUNICATION INFRASTRUCTURE DURING FORECAST PERIOD

FIGURE 25 APAC TO LEAD 5G SMALL CELL MARKET DURING FORECAST PERIOD

FIGURE 26 GERMANY TO GROW AT HIGHEST CAGR FOR MACRO CELL DURING FORECAST PERIOD

FIGURE 27 5G INFRASTRUCTURE MARKET, BY CORE NETWORK TECHNOLOGY

FIGURE 28 INDUSTRIAL END USER TO GROW AT HIGHEST CAGR FOR 5G CORE TECHNOLOGIES DURING FORECAST PERIOD

FIGURE 29 APAC TO WITNESS FASTEST GROWTH IN 5G NFV MARKET DURING FORECAST PERIOD

FIGURE 30 5G STANDALONE TO LEAD NETWORK ARCHITECTURE MARKET DURING FORECAST PERIOD

FIGURE 31 ABOVE 6 GHZ FREQUENCY TO LEAD OPERATIONAL FREQUENCY MARKET DURING FORECAST PERIOD

FIGURE 32 5G INFRASTRUCTURE MARKET, BY END USER

FIGURE 33 NORTH AMERICA HELD LARGEST MARKET SIZE FOR COMMERCIAL END USER IN 2019

FIGURE 34 CORE NETWORK TECHNOLOGY TO WITNESS HIGHER CAGR FOR GOVERNMENT END USER

FIGURE 35 5G INFRASTRUCTURE MARKET, BY GEOGRAPHY

FIGURE 36 NORTH AMERICA: SNAPSHOT OF 5G INFRASTRUCTURE MARKET

FIGURE 37 EUROPE: SNAPSHOT OF 5G INFRASTRUCTURE MARKET

FIGURE 38 APAC: SNAPSHOT OF 5G INFRASTRUCTURE MARKET

FIGURE 39 ROW: SNAPSHOT OF 5G INFRASTRUCTURE MARKET

FIGURE 40 COMPANIES ADOPTED PRODUCT LAUNCH AND PARTNERSHIPS & COLLABORATIONS AS THE KEY GROWTH STRATEGIES FROM 2017 TO 2019

FIGURE 41 RANKING OF THE KEY PLAYERS IN THE 5G INFRASTRUCTURE MARKET, 2019

FIGURE 42 5G INFRASTRUCTURE MARKET (GLOBAL) COMPETITIVE LEADERSHIP MAPPING, 2018

FIGURE 43 ERICSSON: COMPANY SNAPSHOT

FIGURE 44 HUAWEI: COMPANY SNAPSHOT

FIGURE 45 NOKIA CORPORATION: COMPANY SNAPSHOT

FIGURE 46 SAMSUNG: COMPANY SNAPSHOT

FIGURE 47 ZTE: COMPANY SNAPSHOT

FIGURE 48 NEC: COMPANY SNAPSHOT

FIGURE 49 CISCO: COMPANY SNAPSHOT

FIGURE 50 COMMSCOPE: COMPANY SNAPSHOT

FIGURE 51 COMBA TELECOM SYSTEMS: COMPANY SNAPSHOT

FIGURE 52 ALPHA NETWORKS: COMPANY SNAPSHOT

## I would like to order

Product name: 5G Infrastructure Market by Communication Infrastructure (Small Cell & Macro Cell), Core Network (SDN & NFV), Network Architecture (Standalone & Non-standalone), Operational Frequency (Sub 6GHz & Above 6GHz), End User & Geography - Global Forecast to 2027

Product link: <https://marketpublishers.com/r/5B15676B550EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/5B15676B550EN.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