

# **Small Cell 5G Network Market by Component (Solution and Services), Radio Technology (Standalone and Non-standalone), Frequency Band (Low-band, Mid-band, Millimeter Wave), Cell Type (Femtocells, Picocells, and Microcells), Application (Indoor and Outdoor), and End User (Residential, Commercial, Industrial, Smart City, Transportation & logistics, Government & Defense, Others) : Global Opportunity Analysis and Industry Forecast, 2020-2027**

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## **Abstracts**

Small cell is a low-power and short-range wireless transmission system or base station to cover indoor as well as outdoor applications or small geographical area. It is capable of handling high data rate for individual users and has all the basic characteristics of a conventional base station. It plays a significant role in 5G deployment to efficiently deliver high-speed mobile broadband and other low-latency applications. 5G technology has to address a number of challenges in terms of reliability, data speed, and latency specifications. It uses small cell concept to offer higher bandwidth signal and extend the coverage for more users.

Increase in trend of remote work due to the outbreak of the COVID-19 pandemic is driving the deployment of 5G networks among industries across the globe. This, in turn, is expected to boost growth of the market during the forecast period. In addition, factors such as increase in network densification, rise in mobile data traffic, and the emergence of Citizens Broadband Radio Service (CBRS) band boost the growth of the global small

cell 5G network market. Moreover, increase in investment in 5G infrastructure by numerous countries fuels the market growth. However, concerns related to small cell backhaul and small cell deployment challenges are expected to hinder the small cell 5G network market growth. On the contrary, the emergence of Internet of Things (IoT) and rise in preference for ultra-reliable, low-latency communications are expected to provide lucrative opportunities for the expansion of the global market in the coming years.

The global small cell 5G network market is segmented into component, radio technology, frequency band, cell type, application, end user, and region. On the basis of component, the market is bifurcated into solution and services.

Depending on radio technology, it is categorized into standalone and non-standalone. By frequency band, it is classified into low band, mid band, and millimeter wave. As per cell type, it is segregated into femtocells, picocells, and microcells. The applications covered in the study include indoor application and outdoor application. According to end user, the market is differentiated into residential, commercial, industrial, smart city, transportation & logistics, government & defense, and others. Region wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

The market players operating in the global small cell 5G network market include AltioStar Networks, Inc., Aviat Networks, Inc., Baicells Technologies, Blinq Networks, Cambium Networks Corporation, Casa Systems, Inc., Ceragon Networks Ltd, Comba Telecom Systems Holdings Ltd., Contela Inc., Shenzhen Gongjin Electronics Co., Ltd., IP.Access Ltd., Pctel, Qucell Inc., Radisys Corporation, and Radwin.

## KEY BENEFITS FOR STAKEHOLDERS

This study includes the Small Cell 5G Network market analysis, trends, and future estimations to determine the imminent investment pockets.

The report presents information related to key drivers, restraints, and opportunities of the market.

The Small Cell 5G Network market size is quantitatively analyzed from 2019 to 2027 to highlight the financial competency of the industry.

Porter's five forces analysis illustrates the potency of buyers & suppliers in the Small Cell 5G Network market.

## KEY MARKET SEGMENTS

### BY COMPONENT

Solution

Services

Professional Services

Consulting Services

Training and Support Services

Implementation and Integration Service

Managed Services

### BY RADIO TECHNOLOGY

Standalone

Non-standalone

### BY FREQUENCY BAND

Low band

Mid band

Millimeter Wave

### BY CELL TYPE

Femtocells

Picocells

Microcells

## BY APPLICATION

Indoor

Outdoor

## BY END USER

Residential

Commercial

Corporates or Enterprises

Hospitals

Hotels & Restaurants

Malls and Shops

Stadiums

Others

Industrial

Smart Manufacturing

Energy and Utility

Oil and Gas and Mining

Smart City

Transportation & Logistics

Government & Defense

Others

## BY REGION

North America

U.S.

Canada

Europe

UK

Germany

France

Russia

Italy

Rest of Europe

Asia-Pacific

China

India

Japan

South Korea

Indonesia

Rest of Asia-Pacific

LAMEA

Brazil

KSA

Egypt

UAE

Turkey

South Africa

Rest of Africa

Rest of Middle East

Rest of Latin America

## KEY MARKET PLAYERS

Altiosstar Networks, Inc.

Aviat Networks, Inc.

Baicells Technologies

Bling Networks

Cambium Networks Corporation

Casa Systems, Inc.

Ceragon Networks Ltd

Comba Telecom Systems Holdings Ltd.

Contela Inc.

Shenzhen Gongjin Electronics Co., Ltd.

IP.Access Ltd.

Pctel

Qucell Inc.

Radisys Corporation

Radwin

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