

Small Cell 5G Network Market 2021: How these factors will help to escalate market worth \$19.63 Bn by 2030

The development of platforms delivered through cloud-based technology and the development of effective solutions is the driving the growth of the market.

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The growth of the global [small cell 5G network market](#) is mainly driven by 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.

According to a recent report published by Allied Market Research, titled, "Small Cell 5G Network Market By Component, Radio Technology, Frequency Band, Cell Type, Application, End User, and Region: Global Opportunity Analysis and Industry Forecast, 2020-2030," the global small cell 5G network market was valued at \$858 million in 2020, and is projected to reach \$19,628 million by 2030, registering a CAGR of 37.1%.

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In 2020, the solutions segment dominated the global small cell 5G network market. Small cell 5G solutions are widely used to integrate various technological aspects of a network device. Thus, increase has been witnessed in the demand for small cell 5G solution, owing to its ability to converge various hyperdense network architectures into advance scalable architectures. This, in turn, is expected to drive the adoption of small cell solutions. However, the services segment is



expected to witness highest growth rate during the forecast period. Most of the industry verticals opt for all-in-one package solutions for any need in the transformations of services.

Standalone small cells are primarily used in indoor wireless coverage solutions. However, non-standalone segment is expected to witness highest growth rate during the forecast period. Key factors driving the growth of non-standalone small cell 5G network market are rapid digital transformation among various industry verticals and increase in government initiatives for connected networks. Digital transformation has proliferated the demand for strong connectivity across various industries.

The COVID-19 outbreak has low impact on the global small cell 5G network market trend, owing to the fact that the government and private sectors in emerging countries are working together to speed up the development of 5G infrastructure in the wake of the pandemic. For instance, in Thailand, mobile network operators (MNO) are joining forces to provide 5G networks to hospitals. The Eastern Economic Corridor (EEC), which is a special development zone of Thailand, mandates that 5G must cover approximately 50% of the area in 2020, which means that the equipment installation must commence this year in industrial areas. The size of the small cell 5G network market is estimated to grow from \$858.00 million in 2020 to reach \$19,628.00 million by 2030, at a CAGR of 37.1%. The current estimation of 2030 is projected to be lower than pre-COVID-19 estimates.

The governments of different developing economies are taking efforts to upgrade the automation systems in industries, which is anticipated to create potential opportunities for the 5G small cell deployment. In addition, these countries are focusing on other developments, which are related to 5G, including data storage facilities.

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Key Findings Of The Study

- By component, in 2020 the solutions dominated the small cell 5G network market size. However, the services segment is expected to exhibit significant growth during the forecast period.
 - Depending on radio technology, the standalone generated the highest revenue in 2020 and is expected to exhibit significant growth during the forecast period.
 - On the basis of frequency band, the millimeter wave (High-band) segment accounted for the highest revenue in 2020 and is expected to witness highest growth rate in the forecasted period.
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- According to the cell type, the Picocells segment accounted for the highest revenue in 2020. However, microcells is expected to witness highest growth rate in the forecasted period.
- nRegion wise, the small cell 5G network market share was dominated by North America region. However, Asia-Pacific is expected to witness significant growth in the upcoming years.

Some of the key small cell 5G network industry players profiled in the report 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. This study includes market trends, small cell 5G network market analysis, and future estimations to determine the imminent investment pockets.

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