

# Femtocell Market Size Expected to Reach USD 15,419 Billion by 2028

*An increase in demand for high-speed wireless networks among businesses & energy-efficient operation & cost-effectiveness of femtocell fuel the market growth.*

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/EINPresswire.com/ -- As per the report published by Allied Market Research, the global [femtocell market](#) was pegged at \$3.82 billion in 2020, and is projected to garner \$15.41 billion by

2028, manifesting a CAGR of 19.3% from 2021 to 2028. The report offers an extensive analysis of changing market trends, top investment pockets, value chain, key segments, and competitive landscape.

An increasing number of Smartphone users has given rise to the need of fast, reliable and seamless network connectivity. Femtocell is a technology that can deliver cost-effective and efficient network service. Increased adoption of broadband services and mobile phone usage for video conferencing, software/music downloading and online gaming are driving the growth femtocell market.

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Advancement in equipment and their capacity are the main factors to be analyzed by companies before adopting femtocell devices. Due to the cost involved in installing femtocell devices, the Asia-Pacific region is not readily accepting the femtocell technology. Lack of awareness is also acting as a restraint for the market growth in the Asia-Pacific region. Emerging technologies such as LTE 4G technology is dominating the developed economics. This report provides in-depth intelligence on key strategies adopted by top companies engaged in manufacturing and service providing of femtocell devices.

A surge in use of smartphones and wearable devices that increases the use of the internet in the



end users and rise in need to create new mile stone in the wireless communication sector drive the growth of the market. In addition, increase in demand for high-speed wireless internet among enterprises fuels the growth of the market. However, the availability of substitute such as Wi-Fi hinders the growth of the market globally. Furthermore, increase in need for interactive, efficient, and cost-effective wireless communication and data service along with emerging technology such as long-term evolution are expected to provide remunerative opportunities for the expansion of the market during the forecast period.

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Depending on application, the indoor segment dominated the femtocell market share in 2020, and is expected to continue this trend during the forecast period. The growth of the segment is attributed to numerous benefits provided by this indoor femtocell such as it can fulfill the demands for high-speed voice and data traffic for indoor users. However, the outdoor segment is expected to witness highest growth in the upcoming years, as the outdoors femtocells allow end users such as railway & metro station authority and airport maintenance authority to focus on their major activities such as providing new features for heavy user base and protection from incident such as network jamming due to heavy user traffic, which notably contributes toward the growth of the global femtocell market.

Based on type, the 4G femtocell segment dominates the overall femtocell market share globally. This is attributed to heavy adoption of 4G network around the globe and ability of 4G femtocell to replace existing Wi-Fi API solution which consume high power to operate. However, the static 5G femtocell segment record highest growth in the market. However, the 5G femtocells type is expected to witness highest growth, as the 5G technology is emerging across the globe and it is a low latency networking technology, which will provide low cost and high-speed internet having 1 Gbps data speed. Which further boosts its adoption among the end users.

Depending upon the end use, residential end-users generated the highest revenue in the femtocell market in 2020, and it will continue to dominate the market during the forecast period. This revenue growth is attributed to high demand of cost-effective wireless internet service for residential users as well as high penetration of use of smartphones and wearable devices in users. However, the commercial segment was the highest growing segment in 2020, and is expected to continue this trend during the forecast period due to increasing demand for low latency, high speed, and secure internet connection in commercial spaces.

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This report provides an in-depth profile of some key market players in the femtocell market are China Mobile Ltd., Cisco Systems Inc, Ericsson Inc, Fujitsu Limited, Huawei Technologies Co., Ltd, Nokia Solutions, Samsung Electronics Co Ltd., Vodafone Group Plc., and ZTE Corporation. This

study includes market trends, femtocell market analysis, and future estimations to determine the imminent investment pockets.

Asia-Pacific was the highest-growing region in 2020, and is expected to continue this trend during the forecast period. The substantial rise has been experienced in the usage of femtocell technology across Asia-Pacific because large population in this region has created an extensive pool of mobile subscribers for telecom companies. Moreover, the region is the largest contributor to the total number of mobile internet subscribers across the globe, and is expected to add more subscribers to its network in the upcoming years. Asia-Pacific is further anticipated to heavy growth in femtocell deployments in the upcoming years due to major shift toward digital transformation and technological advancement in countries, including China, South Korea, and Japan.

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Lastly, this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

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