

Communication 300 000 5G base stations





Overview

How many 5G base stations are there in China?

2027 master plan - a second 'Set Sail' 5G expansion plan aims for 85% 5G penetration and 75% of network traffic on 5G. The total number of 5G base stations in China reached 4.486 million as of the end of May (2025), according to data released by the country's Ministry of Industry and Information Technology (MIIT).

How many 5G base stations will China Mobile have in 2025?

China Mobile, the world's largest mobile carrier in terms of subscribers, had previously outlined plans to deploy 340,000 additional 5G base stations in 2025. With these new 5G deployments, China Mobile's total 5G base stations will reach nearly 2.8 million by the end of 2025.

What is a 5G base station?

They help fill coverage gaps, improve network reliability, and handle high data traffic. In cities, more than 60% of 5G base stations are small cells, placed on rooftops, lampposts, and building facades. These mini base stations are crucial for delivering consistent 5G speeds in crowded areas like stadiums, shopping malls, and business districts.

Why are telecom companies installing indoor 5G base stations?

To solve this, telecom companies are installing indoor 5G base stations, which are growing at a compound annual growth rate (CAGR) of over 30%. For businesses operating in offices, malls, or large commercial spaces, installing indoor 5G solutions can greatly enhance connectivity.



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China's Total 5G Base Stations Reach 4.486 Million

Jun 25, 2025 · 5G network construction continues to deepen. By the end of May, the total number of 5G base stations reached 4.486 million, a net increase of 235,000 since the beginning of ...

China has more than 3.8 million 5G base stations

Jun 28, 2024 · China's 5G base stations account for 60 percent of the global total, Zhao added. In China, more than half of all mobile phone users are 5G users, Zhao told MWC Shanghai. ...

China 5G rush - 4.5m 5G base stations, 300 5G-A cities, 75% 5G ...

Jun 27, 2025 · Mobile operators in China are ramping up 5G and 5G-A rollouts, with the former now at 4.5 million cell sites and the latter in 300 cities.

Ambitious 5G base station plan for 2025

Nov 23, 2025 · The move comes as the country charted its vision for industrial growth during a two-day work conference of the Ministry of Industry and Information Technology. With 4.19 ...

Ambitious 5G base station plan for 2025_news_english_QiluNet

Dec 30, 2024 · Technicians from China Mobile check a 5G base station in Tongling, Anhui province. [Photo by Guo Shining/For China Daily] China aims to build over 4.5 million 5G base ...

China to construct over 4.5 million 5G base ...

China ended 2024 with over 4.19 million 5G base stations China plans to construct over 4.5 million 5G base stations in 2025 while introducing ...

China to construct over 4.5 million 5G base stations in 2025

China ended 2024 with over 4.19 million 5G base stations China plans to construct over 4.5 million 5G base stations in 2025 while introducing additional policy and financial incentives to ...

China Has Built 4.598 Million 5G Base Stations, Achieving ...

Aug 28, 2025 · The global share of essential patents for 5G standards has reached 42%, placing China at the forefront of research and development of key technologies like 5G-A and 6G, as ...

5G Base Station Growth: How Many Are Active? , PatentPC

Explore the rise of 5G base stations worldwide. Get key stats on active installations and how they impact network coverage.

China sees strong growth in 5G base stations

Dec 5, 2025 · China witnessed substantial growth in the number of 5G base stations this year,



according to the latest data from the Ministry of Industry and Information Technology. As of the ...

China sees strong growth in 5G base stations

BEIJING, Dec. 4 -- China witnessed substantial growth in the number of 5G base stations this year, according to the latest data from the Ministry of Industry and Information Technology. As ...

China 5G rush - 4.5m 5G base stations, 300 ...

Jun 27, 2025 · Mobile operators in China are ramping up 5G and 5G-A rollouts, with the former now at 4.5 million cell sites and the latter in 300 ...

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