

# 5g base station China Communications





## Overview

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How many 5G base stations are there in China?

With 4.19 million 5G base stations already operational across China, the MIIT emphasized that “promoting 5G revolution and 6G innovation will be one of the priorities” for 2025, according to a report by Chinese newspaper China Daily. Chinese main operators are China Mobile, China Telecom and China Unicom.

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.

How many 5G sites are there in China?

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; a new 2027 roadmap will see 75% of mobile data in the country on 5G networks. 5G on 5M sites – China has over 4.486 million 5G sites; 5G now comprises more than 35% of total mobile base stations.

What is a 5G base station?

A 5G network base-station connects other wireless devices to a central hub. A look at 5G base-station architecture includes various equipment, such as a 5G base station power amplifier, which converts signals from RF antennas to BUU cabinets (baseband unit in wireless stations).



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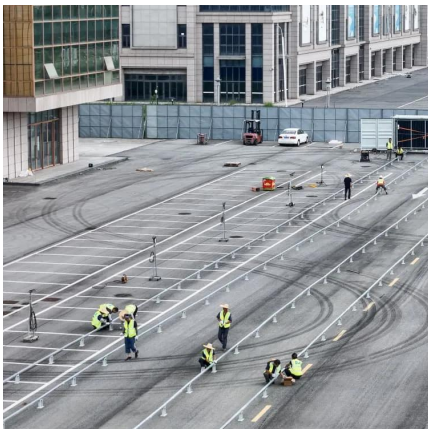


### [China 5G base stations approach 4.5M](#)

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### [China home to nearly 4.65 million 5G base stations](#)

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## China sees strong growth in 5G base stations

BEIJING, Dec. 4 (Xinhua) -- 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 ...



## Ambitious 5G base station plan for 2025

Dec 28, 2024 · Wen Ku, director-general of the China Communications Standards Association, said: "China has made remarkable strides in 5G infrastructure, which gives it an unparalleled ...

## China's mobile phone shipments up 8.7 pct in October

1 day ago · China has also seen substantial growth in its number of 5G base stations this year, the MIIT said. As of the end of October, there were about 4.76 million 5G base stations in the ...



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Aug 28, 2025 · Sun Ji stated that China has currently built a complete 5G industrial chain covering chips, terminals, base station equipment, and testing instruments. Emerging fields such as ...



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