

# **How many 5G base stations has China Communications built**





## Overview

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How many 5G base stations will China build in 2025?

China plans to construct over 4.5 million 5G base stations in 2025 while introducing additional policy and financial incentives to support industries expected to shape the next decade, the country's Ministry of Industry and Information Technology (MIIT) announced during its annual work conference.

How many 5G stations are there in China?

Stock photo of a network tower. Base stations offering high-speed fifth-generation (5G) mobile networks have now exceeded 3.19 million, the Ministry of Industry and Information Technology (MIIT) in China has said. The country now hosts 22.6 5G stations for every 10,000 residents, CGTN reported.

How many 5G base stations are there in the world?

In addition, a total of 819,000 5G base stations have been built by these three telecom giants, accounting for 70% of the world's total. As China has played a leading role in 5G technology, its 5G development has extraordinary significance for other countries.

How much power does a 5G base station use?

Each nation has a different 5G strategy. For 5G, China uses 3.5GHz as the frequency. Then, a 5G base station resembles a 4G system, but it's on a much larger scale. For sub-6GHz in 5G, let's say you have a macro base station. The power levels at the antenna range from 40 watts, 80 watts or 100 watts.

How many 5G base stations are there in Hong Kong?

Built over 1,200 5G "golden spectrum" band base stations, covering Hong Kong Island, Kowloon, the New Territories and outlying islands. To date, 3 Hong Kong boasts the highest number of 5G golden spectrum band base stations in Hong Kong.



How many 5G phone subscriptions are there in China?

China's 5G mobile phone subscriptions surpassed 1 billion by the end of November, local press reported, citing data released by the Ministry of Industry and Information Technology. The 5G subscriptions now represent 56% of all mobile lines in China, reflecting a 9.4 percentage point increase compared to the previous year.



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### [China's 5G dominance: 3.19 million base stations built, outpacing ...](#)

Base stations offering high-speed fifth-generation (5G) mobile networks have now exceeded 3.19 million, the Ministry of Industry and Information Technology (MIIT) in China has ...

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### [China consolidates position as global leader in 5G ...](#)

China Mobile, the nation's largest telecom operator, has outgunned foreign rivals to lead the global 5G System Architecture project, ...

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### [China builds world's largest 5G network with 475 million users](#)

China has built nearly 1.97 million 5G base stations and reached 475 million 5G mobile users by the end of this July, said the country's Ministry of Industry and Information ...

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### [China aims to triple the number of 5G base stations by end-2025: ...](#)

China's Ministry of Industry and Information Technology (MIIT) unveiled plans to more than triple the number of 5G base stations over the next four years, targeting a total of ...



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### [A multi-level perspective on 5G transition: The China case](#)

Besides, the Chinese government issued the 5G license on June 6, 2019. 6 By the end of 2021, China has the world's largest 5G network, where the number of 5G base stations ...

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### [China to construct over 4.5 million 5G base stations in ...](#)

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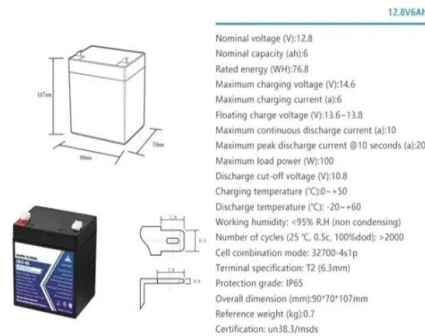
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### [China home to 3.92 million 5G base stations](#)

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### [China boasts 3 million 5G base stations with smooth](#)

China has built a total of 3.055 million 5G base stations as end of July, accounting for 26.9 percent of the country's total number of mobile base stations, according to a report ...

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### [China home to 3.92 million 5G base stations](#)

The number of 5G base stations in China had risen to nearly 3.92 million by the end of June, data from the Ministry of Industry and Information Technology showed on Tuesday.

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### [China has more than 3.8 mln 5G base stations- Xinhua](#)

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. ...

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### [China home to 4.25 million 5G base stations](#)

The number of 5G base stations in China has hit 4.25 million, with the number of gigabit broadband users surpassing 200 million, official data showed Tuesday. More than ...

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### [China has more than 3.8 million 5G base stations](#)

There were more than 3.8 million 5G base stations in China by the end of May 2024, the latest data from the Ministry of Industry and Information Technology (MIIT) has shown.

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### ESS



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

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### [China home to over 3.5M 5G base stations](#)

The number of 5G base stations in China had risen to more than 3.5 million by the end of February 2024, latest data from the Ministry of Industry and Information Technology ...

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### [Shanghai achieves full 5G metro coverage](#)

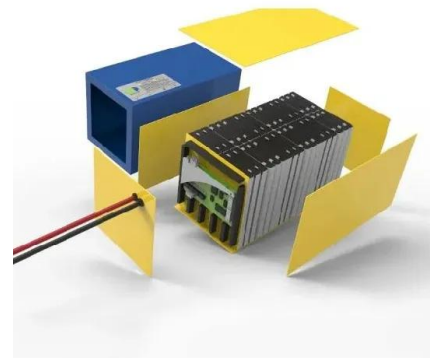
-With more than 83,000 5G base stations and 3.1 million IoT connections, Shanghai is leading China's 5G expansion. Shanghai has become the first city in China to ...

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### [China will have 2.9M 5G base stations by end of 2023](#)

China will have built over 2.9 million 5G base stations by the end of 2023, Minister of Industry and Information Technology Jin Zhuanglong said Sunday. The country plans to add ...

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### [China rolls out world's first military-proof 5G that can ...](#)

The military 5G also makes use of China's latest civilian technologies. As of November 2024, China had built nearly 4.2 million civilian ...

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### [How Many 5G and LTE Base Stations are there in China](#)

The total number of mobile communication base stations in China reached 9.31 million, with a net increase of 900,000 for the year. Of these, 5.75 million 4G base stations have been built, and ...

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### [China targets 2 million installed 5G base stations this ...](#)

The country currently has 1.425 million installed 5G base stations that support more than 500 million 5G users nationwide While China's 5G ...

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### [China home to 4 million 5G base stations](#)

BEIJING, Sept. 25 -- The number of 5G base stations in China exceeded 4.04 million at the end of August, data from the Ministry of Industry and Information Technology showed Wednesday. ...

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### [Coming up next: 5G, digital 'breakthroughs'](#)

Over 718,000 5G base stations have been built across China by the end of last year, accounting for roughly 70 percent of the world's total. 5G signals are ...

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### [5G base stations to proliferate widely](#)

Xie said that China so far has already built more than 1.15 million 5G base stations, accounting for more than 70 percent of the global total, and ...

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### [China 5G rush - 4.5m 5G base stations, 300 5G-A](#)

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China has built a total of 3.055 million 5G base stations as end of July, accounting for 26.9 percent of the country's total number of mobile base ...

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### [China to push ahead with 5G-A deployments](#)

As of end-May, China had made remarkable strides in 5G infrastructure, with a total of 3.837 million 5G base stations, accounting for 60 percent of the global total.

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