

China Communications 5G base stations 2 million





Overview

How many 5G base stations will China have this year?

Photo: Shutterstock China will have 2 million installed 5G base stations this year to step up expansion of the country's next-generation mobile network, while preparing for the development of the more advanced 6G wireless system, according to the Ministry of Industry and Information Technology (MIIT).

How big is China's 5G network?

The Chinese mainland currently has 1.425 million installed 5G base stations that support more than 500 million 5G users nationwide, which makes it “the biggest network [of its kind] in the world”, MIIT minister Xiao Yaqing said on Tuesday in a press briefing on the sidelines of the annual “two sessions”.

How many 5G users are there in China?

The number of 5G mobile users in China hit 475 million by the end of July, according to data from the ministry. China has built the world's largest 5G network. By the end of 2021, the number of 5G base stations in the country accounted for over 60 percent of the global total, according to a report from the National Bureau of Statistics.

Where is China Telecom 5G base station located?

Technicians of mobile network operator China Telecom set up a 5G base station near the Yellow River in Lanzhou, capital of northwestern Gansu province, on May 16, 2019. Photo: Reuters.

What is a 5G base station?

As part of a network's wireless telephone system, a 5G base station is a fixed communication point that connects using a single or several antennas. It comprises a wireless receiver and a short-range transceiver with an antenna and analog-to-digital converters (ADCs) to convert radio frequency impulses to



digital signals.

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.



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[China home to 4.4m 5G base stations: ministry](#)

The number of 5G base stations in China has topped over 4.39 million by the end of March, with the user penetration rate reaching 75.9 ...

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[China sees steady progress in 5G base station construction](#)

China had over 2.1 million 5G base stations by the end of August, accounting for 19.8 percent of its mobile base stations, up 5.5 percentage points from the end of 2021, ...

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

China Mobile, the world's largest mobile carrier in terms of subscribers, had previously outlined plans to deploy 340,000 additional 5G ...

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

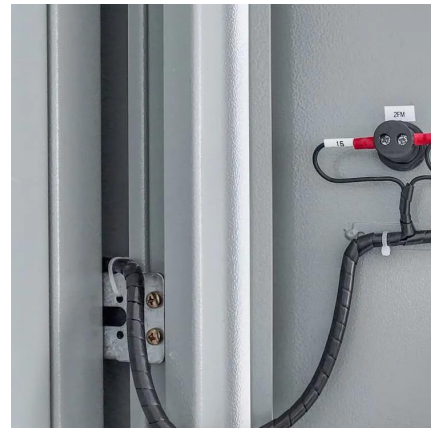
China plans to construct over 4.5 million 5G base stations in 2025 while introducing additional policy and financial incentives to support industries expected to shape the next ...

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[China Mobile reaches 1.7 million 5G base stations: ...](#)

Chinese operators have so far deployed a total of 2.7 million 5G base stations across the country, according to recent press reports. According ...

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[China's 5G network to reach 2m base stations this year](#)

BEIJING -- China aims to install more than 600,000 5G base stations this year, according to the top industry regulator, expanding the country's high-speed mobile network to ...

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China Unicom to roll out 5G-Advanced in over 300 cities by 2025

With over two million shared 5G base stations, accounting for more than 40% of the world's total 5G infrastructure, China Unicom already serves 290 million users. Wang ...

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

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 ...

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Factbox: China's strides in advancing 5G development

Today, with over 3.7 million 5G base stations installed nationwide, the large-scale application of 5G in China has greatly benefited both individuals and businesses, bringing ...

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mobile communication base stations

As of 2023, China has deployed over 2 million 5G base stations, leading the world in 5G infrastructure. This aggressive rollout not only enhances mobile broadband services but ...

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

The country closed March with nearly 1.1 billion 5G network subscribers, with China Mobile alone adding 90 million year-on-year in Q1 for ...

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[China Mobile targets 2.4M 5G sites in 2024](#)

China Mobile aims to deploy an additional 410,000 5G base stations in 2024 to take its total to 2.35 million, despite plans to cut capex.

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China Targets Over 2 Million 5G Base Stations by End of 2022

China aims to install over two million 5G base stations by the end of 2022 to expand the application of Information and Communication Technology (ICT) that brings ...

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

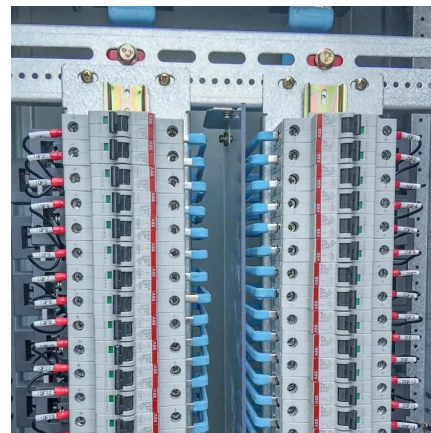
China will have built over 2.9 million 5G base stations by the end of 2023, Minister of Industry and Information Technology Jin Zhuanglong said Sunday.

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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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The mobile 5G user base had also reached 220 million, up 17 times year-on-year, while 5G wireless home broadband connections reached 1.05 million, up 21 times year-on ...

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

SHANGHAI, June 26 (Xinhua) -- 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 ...

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China will have 2.9 mln 5G base stations by end of 2023: minister

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.

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[China reaches nearly 4.4 million 5G base stations](#)

In sum - what you need to know: 5G boom continues - China has surpassed 4.39 million 5G base stations as of March 2025, with 5G user ...

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

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

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BEIJING -- The number of 5G base stations in China exceeded 2.84 million by the end of May amid the country's efforts to build the world's ...

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BEIJING - 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 ...

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China targets 2 million installed 5G base stations this year, ...

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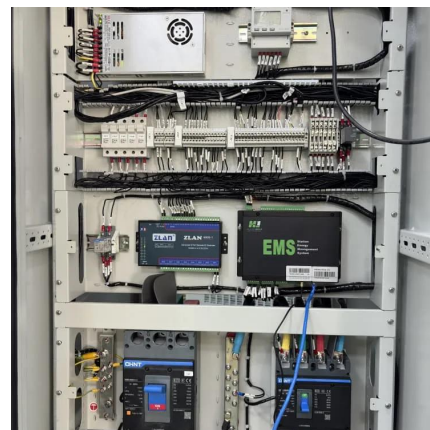
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