

China 5G base station substation





Overview

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 base stations does China have?

China made the rollout of 5G networks a vital component of its push to boost economic growth and now boasts nearly three million base stations, according to government data. As with any wireless technology, the number of base stations determines the coverage and capacity.

Will 5G boost China's economic growth?

Qualcomm, a primary provider of technology for mobile networks, estimates that 5G can potentially enable over US\$13 trillion of economic output and create over 22 million jobs. China made the rollout of 5G networks a vital component of its push to boost economic growth and now boasts nearly three million base stations, according to government data.

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.

Who are China's 5G operators?

Chinese main operators are China Mobile, China Telecom and China Unicom. In addition to its expected expansion in the 5G field, China noted that it is also set to begin trials for 10-gigabit optical networks and enhance computing



power infrastructure, reflecting the growing demand for artificial intelligence (AI) technologies.

What will China do with the 5G push?

Alongside the 5G push, China will also start trials for 10-gigabit optical networks and optimize computing power centers amid an artificial intelligence (AI) boom brought on by ChatGPT.



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