



5g base stations and communications are jointly built and shared





Overview

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.

Will China Telecom and China Unicom build their own 5G networks?

On top of that, the two companies will build their own separate 5G networks in other parts of the country. China Telecom’s own network will extend to 19 provinces, while China Unicom’s will cover 10.

Will China and China build 5G networks together?

According to the Agreement, the two operators, by sharing the radio spectrums to their names, will “build together” and “share together” one 5G radio access network in 15 major cities, including Beijing, Shanghai, Shenzhen, Guangzhou, etc. The 5G core networks will be built separately.

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.



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[China telcos have 1 million-plus 5G base stations, ...](#)

Yang Jie, Chairman of China Mobile, said, "We will keep pushing for the construction of 5G plus gigabit fiber network, deepen multi ...

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In July, China successfully developed what it claimed to be the world's first 6G field test network that integrates communications with ...

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Set cell-specific capabilities based on role. The hosting operator should have all capabilities related to the equipment of shared and non-shared base stations, while participating operators ...

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China Telecom, China Unicom successfully roll out world's largest 5G

According to the " Framework Agreement on Co-building and Co-sharing 5G Networks " reached by China Telecom and China Unicom, the two parties will jointly construct ...



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China telcos have 1 million-plus 5G base stations, but are they ...

Yang Jie, Chairman of China Mobile, said, "We will keep pushing for the construction of 5G plus gigabit fiber network, deepen multi-frequency collaboration and co ...

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5G

5G is the fifth generation of cellular network technology and the successor to 4G. First deployed in 2019, [1] its technical standards are developed by ...

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China Telecom and China Unicom Jointly Rolles Out 990,000 ...

In September 2019, China Telecom and China Unicom comprehensively launched 5G network co-construction and sharing. They have since then built the first co-construction ...

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5G



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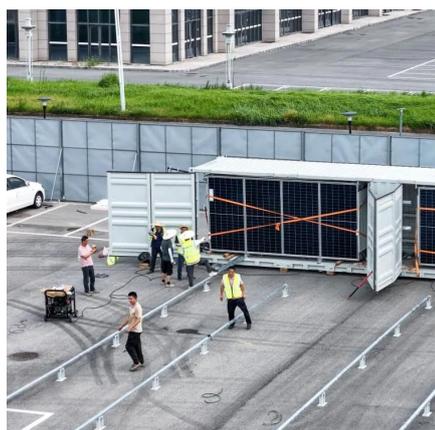
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[5G Network Co-Construction and Sharing](#)

This whitepaper describes the technology development, operations, management, business models, and future evolution of 5G network co-construction and sharing the technologies and ...

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China Unicom, China Telecom to Jointly Buy Gear for 250,000 5G Base

Regarding coordinated 5G development, China Telecom President Ke Ruiwen said his company is determined not to fight a price war, and hopes that the whole industry will promote joint ...

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PRESS RELEASE: Since 2019, China Telecom and China Unicom have been working on full life-cycle 5G network co-construction and sharing.

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

In July, China successfully developed what it claimed to be the world's first 6G field test network that integrates communications with intelligence, demonstrating that 6G-level ...

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According to the " Framework Agreement on Co-building and Co-sharing 5G Networks " reached by China Telecom and China Unicom, ...

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China Telecom and China Unicom jointly build and share 5G RAN

China Telecom and China Unicom, two of China's three leading telecom operators, and two of its four 5G licensees, will jointly cover parts of the country with one shared 5G radio ...

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China Telecom and China Unicom



Jointly Rolles Out 990,000 Shared 5G

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<https://www.energyinnovationday.pl>

Phone: +48 22 335 1273

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