

How is China Mobile s base station communication technology





Overview

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.

What is China's first military-grade mobile 5G base station?

Please contact us for more information. China unveils the world's first military-grade mobile 5G base station, developed by China Mobile Communications Group and the PLA, designed for battlefield use to enable seamless communication for up to 10,000 military robots and drones within a 3-kilometer radius.

How many 5G base stations are there in China?

2027 master plan - a second 'Set Sail' 5G expansion plan aims for 85% 5G penetration and 75% of network traffic on 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 Technology (MIIT).

What is China's Military 5G system?

China's military 5G system leverages civilian 5G infrastructure, enabling rapid switching between drones and ground base stations, positioning the PLA as a leader in unmanned combat capabilities and outpacing U.S. efforts in military 5G development.



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China has revealed the world's first mobile 5G base station, a cutting-edge development set to transform military communications. After rigorous testing, this advanced technology is now ready for deployment ...



[China Mobile and Huawei Unveil World'](#)

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[Ambitious 5G base station plan for 2025](#)

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



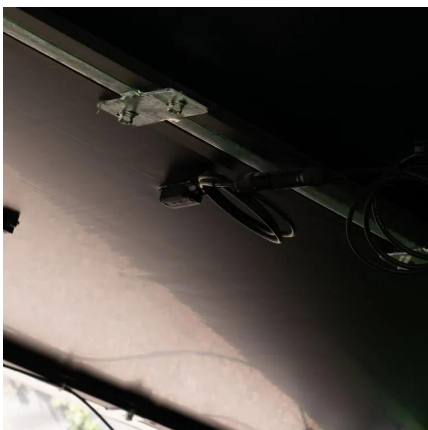
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China has introduced the first mobile 5G base station specifically designed for military use, marking a breakthrough in battlefield communications. Developed collaboratively ...



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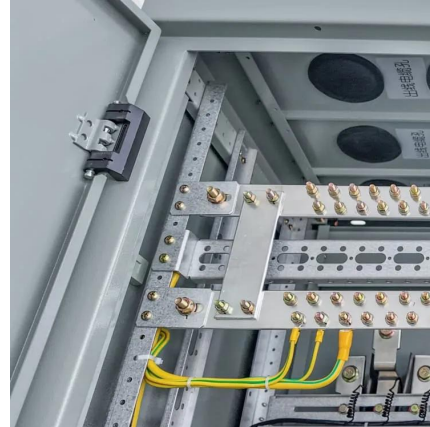
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Overview of China's 5G Expansion Goals China is poised to spearhead a monumental expansion of its 5G infrastructure, with a strategic objective to establish over 4.5 ...

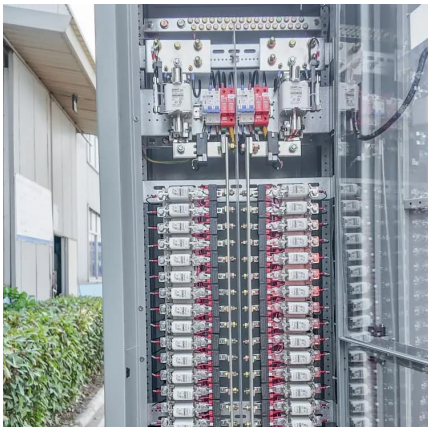


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China Mobile has Built Approximately 2.4 Million 5G Base Stations

The company's leadership in key technologies and engineering applications of the fifth-generation mobile communications won the National Science and Technology Progress ...

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The evolution of mobile communication base stations in China is being significantly influenced by a range of innovative technologies, particularly in the realm of 5G deployment and beyond.



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