

How to check 5G base stations in China Communications

How many 5G base stations are there in China?

BEIJING -- The number of 5G base stations in China now exceeds 4.1 million, data from the Ministry of Industry and Information Technology showed Friday. Currently, 5G technologies have been applied in 80 major sectors of the national economy, and the 5G network is covering more rural areas, according to the ministry.

How many 5G networks are there in China?

So far, more than 2,300 5G industry virtual private networks have been built and commercialized in China. As of the end of November 2021, the total number of mobile phone users of the three basic telecommunications companies in China is 1.642 billion. Out of this number, 497 million were connected to 5G mobile terminals.

What is the range of a 5G base station?

5G base stations use millimeter waves that are extremely limited in range. Each 5G base station has a range of between 800-1000 feet, or 0.15-0.19 miles. It makes up for its limited range by surpassing 4G in other key areas: data transfer speeds (bandwidth), latency, and capacity.

How many 5G mobile phone shipments in China in 2021?

Earlier today, the China Academy of Information and Communications Technology, which is directly under the Ministry of Industry and Information Technology, released the 5G development report for 2021. According to the report, in 2021, 5G mobile phone shipments in the Chinese market hit 266 million units.

Where is 5G used in China?

The official also said that 5G coverage reached 97% of counties and 40% of rural towns across the country. Xie said 5G has already been used in 22 industries, including industrial manufacturing, mining, ports, medical care, education and entertainment.

How many 5G base stations would a cell phone tower support?

Hundreds of 5G base stations will need to be installed to cover the area of a single cell phone tower. Even if just 100 base stations were required, 5G's would support at least 25,000 devices to 4G's 100. 5G smartphones are being released all the time.

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