

# NTT Docomo appreciates Nokia 5G by 2020

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Japan's largest mobile operator, NTT Docomo, chose Nokia to provide critical hardware for the deployment of 5G mobile service by 2020 in the country, the company announced in a press release. general.

What is the 5G network?

Things to know about 4G networks

5G mobile technology promises up to 100 times the speed of 4G / LTE, with significantly lower transmission latency and higher security. The 5G tests in Japan include 4K video broadcasting and secure remote control of the construction machine system, which was previously not possible on 4G networks. The Japanese government especially motivated operators to come up with plans to deploy the 5G network by 2020 from 2014, in hopes of defeating other countries in terms of technology.



The agreement is expected that Nokia will support NTT Docomo's network development from 4G to 5G, using technology that meets 3GPP 5G New Radio (5G NR) standards. Specifically, Nokia will provide 5G signal processing (BBU 5G) and AirScale 5G hardware integration in the existing NTT Docomo network. Nokia added that the 5G standard is incomplete, but Nokia 5G hardware is currently undergoing more than 50 tests by customers around the world, hoping to be launched in 2019-2020.

Although this agreement is important when establishing a specific time for the introduction of Japan's 5G service and making Nokia become a 5G hardware vendor, it does not cause too much surprise. In fact, NTT Docomo previously purchased Nokia hardware for 3G and 4G / LTE deployments, and the two companies have also worked together to test the 5G deployment in Japan. NTT Docomo notes that Nokia's support concretizes its intent to launch 5G services by 2020 and will accelerate co-creation of new services and businesses with vertical partners. .

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