

## **SolarInnovate Energy Solutions**

# **Can Huawei be used for 5G communication base stations**



## Overview

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How many 5G base stations does Huawei have?

The contracts have been split into two projects, with the first covering 63,800 base stations using 2.6GHz to 4.9GHz spectrum, while the second covers 23,141 in the 700MHz band. Huawei is estimated to have secured 45,426 5G base stations worth an estimated 4.1 billion yuan (US\$574 million).

Will Huawei help build Canada's 5G network?

Pressure is mounting as the Liberal government comes closer to deciding whether to let the Chinese telecom firm Huawei help build Canada's next-generation mobile networks. The Liberal government is coming under increasing pressure at home and abroad to deny Chinese telecom giant Huawei Technologies a role in building Canada's 5G network.

Which Huawei phones support 5G?

The Huawei P40, Huawei P40 Pro, Huawei P40 Pro Plus, Huawei P40 Lite 5G, Huawei Mate 40 Pro and Huawei Mate 20 X 5G all support 5G. There are other Huawei phones that do too, but at the time of writing they aren't widely available in the UK. Which 5G Huawei phone should I choose?

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What is a standalone 5G network?

Standalone (SA): standalone networking. SA uses an end-to-end 5G network architecture, where 5G standards are used on terminals, base stations, and core networks. SA supports a variety of 5G new services, including eMBB, URLLC, and mMTC, and is applicable to the middle and later stages of 5G network construction.

What is a 5G network architecture?

The following describes the concepts needed to understand 5G network

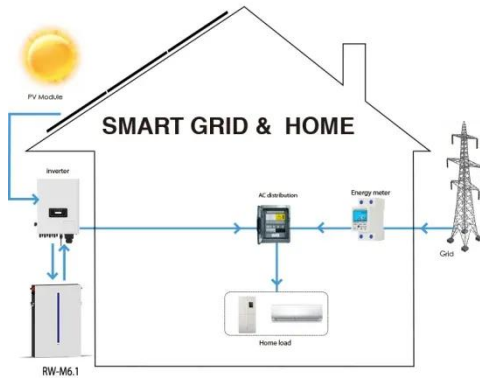
architectures: Evolved Packet Core (EPC): an LTE core network. EPC is classified into two types: traditional LTE core network (supporting access through LTE base stations) and upgraded LTE core network (also called EPC+, supporting access through 5G base stations).

How much will Huawei spend on 5G?

The operator, which ended Q1 with 983 million mobile subscribers, expects to spend 83.1 billion yuan (\$11.6 billion) on 5G networks this year. Huawei previously won 57 percent of China Mobile's previous 5G tender process back in 2020.

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