

# Are there any 5G base stations in the Czech Republic





## Overview

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Does Czech Republic have a 5G network?

The public 5G networks in the Czech Republic currently operate on a non-standalone (NSA) 5G architecture, which is built on top of the existing 4G LTE infrastructure. To date, standalone (SA) 5G networks have been deployed primarily as private "campus" solutions.

What frequencies will be used for 5G in Czechia?

Other bands, such as 66 - 71 GHz, will be also used by 5G. How far is Czechia with preparations?

Frequencies in the bands 700 MHz and 3.4 - 3.8 GHz needed for deployment of 5G networks have already been the subject of frequency auctions.

Where can I find information about 5G bands in Czechia?

Information about bands used by mobile networks can be found at [spektrum.ctu.cz](https://spektrum.ctu.cz). New bands designated specifically for 5G include 700 MHz band or 26 GHz band, which will allow use of ultra-wideband channels. Other bands, such as 66 - 71 GHz, will be also used by 5G. How far is Czechia with preparations?

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Which mobile networks cover the most populated areas in the Czech Republic?

All mobile network operators (MNOs) have deployed 5G networks focusing on coverage of the most populated areas and specifically cities. Vodafone covers over 96.47%, O2 over 93.56% and T-Mobile 93.40% of the population in the Czech Republic (data as of 1 November 2024).



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### Czech Republic Wireless Frequency Bands and Carriers

Mobile networks and carriers in Czech Republic use 2 GSM bands, 1 UMTS band, 5 LTE bands, and 5 5G NR bands. Find out if your unlocked phone or mobile device will work in Czech ...

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### Implementation and Development of 5G Networks in the ...

Jan 27, 2020 · The aim of the "Implementation and Development of 5G Networks in the Czech Republic - Towards the Digital Economy" document is to define the strategic approach of the ...

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### Digital connectivity in the Czech Republic

Nov 29, 2025 · The strategic document Implementation and Development of 5G Networks in the Czech Republic was approved in January 2020. It sets out a national strategy of 5G ...

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### 5G Mobile Network Infrastructure

Aug 25, 2025 · The construction of the passive infrastructure of 5G network base stations in the Czech Republic is currently one of the priority topics of the Ministry of Industry and Trade. The ...

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### 5G Networks , Český telekomunikační úřad

What about exposure with increasing number of transmitters (5G)? The power radiated by mobile networks base stations transmitters in bands, which are (or will be) used for 5G technologies, ...

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### Implementation and Development of 5G Networks in the Czech Republic

Nov 10, 2025 · The construction and deployment of 5G networks require establishing high-capacity connections between base stations, predominantly through fibre optic systems. The ...

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### What does 5G coverage look like in the Czech Republic?

Jun 28, 2023 · As more and more smartphones, tablets and routers support 5G, we are getting closer to the time when this high-speed connection will be the common standard. But what ...

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### 5G regulation and law in the Czech Republic

Mar 3, 2025 · Explore a detailed legal analysis of 5G regulation and law in the Czech Republic, covering deployment, spectrum licensing, and cybersecurity. Discover more now!

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### Czech Republic's 5G development and future plans

There will be a gradual shift to full 5G SA infrastructure, which will enable new services for industry, transport, healthcare, and smart cities. 5G will thus become an important part of the ...

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### 5G networks in the Czech Republic



It included an appearance by Mr. Petr Toman, JD, who presented a new study of the legal aspects of the construction and operation of 5G networks in the Czech Republic. Lawyers from ...

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#### CETIN hits halfway mark in 5G rollout

Aug 8, 2023 · The telco said it was completely replacing old Huawei and Nokia technologies with Ericsson and had completed around 2,600 ...

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#### T-Mobile preps 5G launch in the Czech Republic

Oct 23, 2020 · T-Mobile claimed it will have the widest 5G coverage in its launch cities. There are currently 180 5G base stations to be switched on with a total of 335 to go online.

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#### CETIN hits halfway mark in 5G rollout

Aug 8, 2023 · The telco said it was completely replacing old Huawei and Nokia technologies with Ericsson and had completed around 2,600 locations out of a total of 4,200. The Moravia ...

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#### 10 Best Czech Republic eSIMs for Tourists: ...

Sep 13, 2025 · Find the best Czech Republic eSIM deals from Airalo, Ubigi, BNESIM, and more -- up to 30% discount with our exclusive promo code.

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#### Czechia: 5G coverage by network operator ...

Nov 27, 2025 · As of December 2024, Vodafone had the highest \*\* coverage in terms of area and population at over \*\* percent.

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#### Implementation and Development of 5G Networks in the Czech Republic

The construction and deployment of 5G networks require establishing high-capacity connections between base stations, predominantly through fibre optic systems. The deployment will occur ...

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