

## **PDEOZE PowerContainer**

# **Kyrgyzstan Communications 5G Small Base Station**



## Overview

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Do operators in Kyrgyzstan test 5G?

Operator Watch Blog: Operators in Kyrgyzstan Cautiously Test 5G! Operators in Kyrgyzstan Cautiously Test 5G! The Kyrgyz Republic, known as Kyrgyzstan, has the highest levels of mobile penetration across Central Asian (CA) countries — 159.9% with 2.94 SIMs per unique mobile subscriber, according to GSMA Intelligence.

Will Kyrgyzstan support 5G?

He added: 'If [customers] are looking for a new smartphone, then in my opinion, it already makes sense to turn your attention to devices with support for the latest technology.' 5G in Kyrgyzstan is being tested in the n77 and n78 (3400MHz-3800MHz) frequency ranges, and will initially be integrated with existing 4G networks.

How fast is 5G in Kyrgyzstan?

5G in Kyrgyzstan is being tested in the n77 and n78 (3400MHz-3800MHz) frequency ranges, and will initially be integrated with existing 4G networks. O! expects its eventual 5G network to provide data speeds around 'ten times faster than 4G' with 'average speed of 150Mbps-200Mbps.'

When will 5G start in Kazakhstan?

The state-owned operator, Kazakhtelecom, already outlined its plans concerning the 5G services launch, with the first 486 base stations scheduled to be launched in Astana, Almaty, and Shymkent in 2023, ahead of a wider rollout of over 7,000 5G cell sites across the Kcell and Tele2-Altel networks by the end of 2025.

What is the mobile telecommunications sector like in Kyrgyzstan?

The mobile telecommunications sector in Kyrgyzstan is experiencing a dynamic phase with continuous efforts to improve network coverage, enhance

service quality, and offer competitive pricing, mobile operators are striving to provide residents and visitors with an excellent mobile experience.

What is a 5G NR Network?

As defined in 3GPP TS 38.300, the 5G NR network consists of NG RAN (Next Generation Radio Access Network) and 5GC (5G Core Network). As shown, NG-RAN is composed of gNBs (i.e., 5G Base stations) and ng-eNBs (i.e., LTE base stations). The figure above depicts the overall architecture of a 5G NR system and its components.

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