

## A-Core Container

# Romania Communications 5G Small Base Station



## Overview

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Does Romania use Chinese technology in 5G networks?

In September 2019, the former US Ambassador to the European Union praised Romania for not using Chinese technology in its 5G networks. In January 2020, the US Embassy in Romania issued a statement emphasizing that companies connected to an authoritarian government like China could not be trusted.

What is a 5G NR base station?

It facilitates communication between user equipment (UE), such as smartphones and IoT devices, and the core network. Unlike LTE base stations (eNodeBs), 5G NR base stations are designed to handle the enhanced requirements of 5G, such as high throughput, network slicing, and support for multiple frequency bands.

Does Romania support Gigabit society 2025 & digital decade 2030?

The reference framework in the field of broadband network development in Romania supports the Gigabit Society 2025 as well as Digital Decade 2030 targets. The National Strategy for the Implementation of 5G sets strategic objectives for 5G rollout.

Where is 5G available?

Currently, the 5G network is primarily available in major cities, however, efforts are being made to expand coverage to other areas as well. It is expected that operators are already working on providing the 5G network to stadiums, airports, and other special premises.

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What are mmWave NR base stations?

Key Features: mmWave small cells deliver the ultra-fast speeds promised by

5G in urban hotspots. They are deployed on lamp posts, traffic lights, and building walls in areas with high user density and line-of-sight accessibility. Each type of 5G NR base station plays a distinct and crucial role in building a reliable, high-performance 5G network.

What is the National Strategy for the implementation of 5G?

The National Strategy for the Implementation of 5G has been adopted in 2019. It sets four strategic objectives: rapid launch of 5G services, frontloading 5G benefits by 5G services coverage, reducing barriers for deployment of 5G networks and promoting new uses and stimulating cooperation.

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