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Thailand Communications 5G Base Station Project





Overview

What is the 5G infrastructure market in Thailand?

The 5G Infrastructure market in Thailand is a pivotal component in the country digital transformation. With the rollout of 5G networks, Thailand is poised to experience a significant boost in connectivity, enabling IoT, smart cities, and improved mobile services.

How many 5G connections are there in Thailand in Q2 2024?

In Q2 2024, 26.6% of connections were 5G connections and 5G coverage reached 95% of the population.² Mobile data traffic per connection in Thailand is among the highest in ASEAN. Yet, more work is needed to ensure there are sufficient spectrum resources to support the next phase of 5G development, especially in the crucial mid-band range (1-7 GHz).

What should Thailand do for 5G and 5g-a development?

It is therefore important for Thailand to maintain momentum and prioritise the following actions for 5G and 5G-A development: — Make at least 300 MHz of spectrum available in the globally harmonised 3.5 GHz band as soon as practicable. Avoid unnecessarily large guard band between mobile and fixed satellite service (FSS).

When did 5G start in Thailand?

Thailand's first 5G spectrum auction was held in February 2020 for frequencies in the 700 MHz, 2.6 GHz and 26 GHz bands. Both AIS⁴³ and TrueMove H⁴⁴ deployed their 5G networks after the spectrum auction in early 2020, using their newly purchased 2.6 GHz spectrum. DTAC launched 5G services using their 700 MHz spectrum holdings in February 2021.⁴⁵



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5G Base Station Construction Market in Thailand

5G Base Station Construction in Thailand Trends and Forecast The future of the 5G base station construction market in Thailand looks promising with opportunities in the smart home, medical ...

Thai telco AIS to lease RAN equipment to ...

Sep 13, 2023 · Under the terms of the agreement, AIS will lease 13,500 base stations which the carrier expects to deploy over the next two years Thai ...

NT and AIS join forces to increase 4G/5G capability on the ...

Oct 5, 2023 · These agreements aim to enhance and expand the 4G/5G capabilities of both NT and AIS. In this agreement, AWN, on behalf of AIS, will establish a 4G/5G network on the 700 ...

Thailand 5G Infrastructure Market (2025-2031) Outlook

The Thailand 5G Infrastructure market is experiencing robust growth, driven by the deployment of fifth-generation (5G) networks to support enhanced mobile broadband, ultra-reliable low ...

Thai telco AIS to lease RAN equipment to National Telecom for 5G

Sep 13, 2023 · Under the terms of the agreement, AIS will lease 13,500 base stations which the carrier expects to deploy over the next two years Thai carrier Advanced Info System (AIS) has ...

NT and AIS join forces to increase 4G/5G ...

Oct 5, 2023 · These agreements aim to enhance and expand the 4G/5G capabilities of both NT and AIS. In this agreement, AWN, on behalf of ...

Accelerating 5G and 5G-Advanced in Thailand: A ...

Dec 18, 2024 · Mobile data traffic per connection in Thailand is among the highest in ASEAN. Yet, more work is needed to ensure there are sufficient spectrum resources to support the next ...

5G in Thailand: AIS Leads the Market

AIS and TrueMove H Drive Early 5G Adoption5G Performance Varies by Operator in Thailand5G Availability Differentiates Operators in ThailandRegional 5G Performance in ThailandThailand 5G Signal StrengthChanges on The Horizon For 5G in ThailandWhile AIS leads the market in terms of 5G performance in Q4 2021, the release of further spectrum in the 3.5 GHz band, due to be auctioned by the regulator this year, could drive changes in the market. Other changes are already underway, with TrueMove H and dtac announcing in November 2021 plans to merge their businesses, a move which would create See more on ookla Missing: Base StationMust include: Base Station6WresearchThailand 5G Infrastructure Market (2025-2031) OutlookThe Thailand 5G Infrastructure market is experiencing robust growth, driven by the deployment of fifth-generation (5G) networks to support enhanced mobile broadband, ultra-reliable low ...



5G in Thailand: AIS Leads the Market

Jan 30, 2022 · Discover which operator delivers Thailand's leading 5G performance and key insights into the mobile market.

TRUE Deploys Mobile Base Stations at Phu Makua

Sep 12, 2025 · True Corporation, Thai military, and NBTC activate mobile base stations at Phu Makua, boosting 5G, 4G, and 3G coverage.

AIS Unveils ASEAN's First 5G+ Network with 3CC Technology in Thailand

Jun 17, 2025 · In a landmark move set to redefine digital connectivity in Southeast Asia, Thailand's leading digital infrastructure provider, AIS, has officially launched " AIS 5G+," the ...

True Corporation Supports Government and Thai Military, Expanding 5G...

Sep 4, 2025 · True Corporation has strictly complied with NBTC measures for controlling base stations in border areas throughout, including tower removal, equipment dismantling, and ...

TRUE Deploys Mobile Base Stations at Phu ...

Sep 12, 2025 · True Corporation, Thai military, and NBTC activate mobile base stations at Phu Makua, boosting 5G, 4G, and 3G coverage.

Thailand 5G Infrastructure Market Size and Forecasts 2030

In Thailand 5G Infrastructure Market, offering valuable insights, key market trends, competitive landscape, and future outlook to support strategic decision-making and business growth.

AIS Unveils ASEAN's First 5G+ Network with ...

Jun 17, 2025 · In a landmark move set to redefine digital connectivity in Southeast Asia, Thailand's leading digital infrastructure provider, AIS, has ...

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