

# Which company is bidding for Bangkok's 5G base station

What is the 5G infrastructure market in Thailand?

The 5G Infrastructure market in Thailand is a pivotal component in the country's 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 big is the 5G base station market?

As market dynamics shift and demand for diverse options increases, the 5G base station market is expected to thrive, with continuous innovation and broader adoption fueling its future trajectory. The global 5G base station market size was valued at USD 22.9 billion in 2024, with a projected growth to USD 20.78 billion by 2033, at a CAGR of -1.1%.

Can Thailand make the 3.5 GHz band available for 5G services?

As mentioned above, there are significant challenges for Thailand to make the 3.5 GHz band available for 5G services, especially in the amounts needed to address the shortfall in mid-band spectrum. -- Supply - At least 300 MHz of 3.5 GHz spectrum in the 3.3-3.7 GHz

How many GHz are allocated for 5G/IMT services in Thailand?

Thailand has increased the amount of 3.5 GHz band allocated for 5G/IMT services. See: Australian Communications and Media Authority (ACMA). [Spectrum re-allocation declaration for 34 GHz and 37 GHz bands](#). ONDE highlights that the volume of 3.4-3.7 GHz spectrum is critical for satellite services in Thailand, as there are an estimated 10

The GSMA estimates that mid-band 5G spectrum will drive up global GDP by more than \$610 billion in 2030, almost 65% of the overall socio-economic value generated by 5G. In Southeast Asia, the impact is even more significant.

The global 5G base station construction market is expected to grow with a CAGR of 25.7% from 2025 to 2031. The major drivers for this market are the rapid 5G deployment, the surge in data consumption, and the increasing demand for high-speed connectivity.

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 signed an agreement with a major equipment manufacturer to build a large-scale 5G base station network.

This report lists the top 5G Base Station companies based on the 2023 & 2024 market share reports. Mordor Intelligence expert advisors conducted extensive research and identified these brands to be the leading players in the market.

Ericsson Thailand suggests that auctioning the 3,500-megahertz spectrum by 2025 is a key step to enhance 5G development in Thailand.

5G BASE STATION MARKET REGIONAL INSIGHTS North America North America is the fastest-growing region in this market. The United States 5G base station market has been the primary driver of growth in the region.

5G Base Station Construction in Thailand Trends and Forecast The future of the 5G base station construction in Thailand is bright, with significant investments and a strong focus on expanding the network.

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Drivers of the Market 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 ...

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