



# Vietnam's first hybrid energy 5G base station

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When did 5G start in Vietnam?

Vietnam took its first concrete steps towards 5G commercialization in early 2024, with a major breakthrough coming in March when Viettel and VNPT secured 5G frequency bands through successful auctions, joined by MobiFone after it finalized its bid in July. Progress over the year since has been remarkable.

How many 5G BTS stations does Viettel have?

Viettel now operates over 6,500 5G BTS (Base Transceiver Stations), ensuring full coverage in Vietnam's 63 cities and provincial capitals as well as industrial parks, tourist hubs, seaports, airports, hospitals, and universities. As of the end of January 2025, its 5G subscriber base had surged to 5.5 million users.

Will Vietnam accelerate its 5G expansion?

Much effort has been exerted for Vietnam to actively accelerate its 5G expansion in a viable manner.

Does Vietnam have a 5G network?

Meanwhile, VNPT has also achieved nationwide 5G coverage, reaching all 63 cities and provinces, along with 705 district-level administrative units and key strategic areas. With around 3 million subscribers already on board, Vietnam's 5G landscape is evolving at an unprecedented pace.

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The collaboration, which began in 2009, has already produced breakthroughs such as the world's first 5G Open RAN base station using Qualcomm chipsets. Viettel plans to deploy more than 2,000 such ...

Vietnam is rapidly accelerating 5G commercialisation through strong policy support and industry collaboration, aiming for full nationwide coverage by 2030 to drive innovation and inclusive economic growth.

Discover how Vietnam's 5G expansion, with 11,000 new base stations, is set to revolutionize connectivity and enhance digital experiences.



## Vietnam s first hybrid energy 5G base station

The company's pioneering efforts in commercializing 5G Open RAN base stations built on ASIC chipsets have demonstrated large-scale deployment and real-world efficiency in Vietnam and across the ...

Vietnam targets 68,457 5G base stations by 2025, covering 90% of the population and enabling nationwide digital transformation.

At the event where Viettel announced the wide-scale commercial deployment of 5G Open RAN base stations "Make in Vietnam, Made by Viettel," Oh Hyung Kwon, Senior Vice President and President of Asia Pacific ...

Viettel plans to deploy more than 2,000 such stations nationwide in 2025, positioning Vietnam among the six countries capable of manufacturing 5G network equipment.

Vietnam's operators deploy 11,000 5G base stations, with plans to double by 2025 as the country accelerates toward nationwide 5G coverage.

Viettel said it has installed over 6,500 base stations to provide 5G services to all 63 localities in Vietnam, focusing in particular on tourism sites, seaports, airports, industrial parks, hospitals and schools. ...

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