

Turkmenistan Communications 5G base station is now available

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Does Turkmenistan have a 5G network?

By June 2025, Arkadag became the first city in Turkmenistan with a pilot 5G network, implemented in cooperation with China's Huawei and using the national satellite for backhaul. This 5G pilot is an exception - nationwide, Turkmenistan's mobile data operates mostly on slower 3G/4G technologies.

When did 5G start in Turkmenistan?

In February 2025, a 4G+(LTE-Advanced) network was launched in the model "smart city" of Arkadag. By June 2025, Arkadag became the first city in Turkmenistan with a pilot 5G network, implemented in cooperation with China's Huawei and using the national satellite for backhaul.

Will Turkmenistan launch 5G in 2025?

In June 2025, officials claimed to launch 5G in Arkadag as a pilot - making it the first 5G deployment in Turkmenistan. This 5G network reportedly uses the TürkmÄlem-52°E satellite to provide backhaul/frequency, given the lack of a robust terrestrial fiber backbone in that area.

Does Turkmenistan have satellite connectivity?

In summary, satellite connectivity in Turkmenistan exists behind the scenes for state use and select entities, but it is not a solution available to the general public under the current regime's policies.

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At the 17th international exhibition "TürkmÄlem - 2024" held in Ashgabat, Huawei announced its ongoing discussions on the potential deployment of 5G networks in Turkmenistan.

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Turkmenistan has officially rolled out a 5G mobile communication network in the city of Arkadag, taking a giant leap forward in its digital infrastructure and opening the ...

Huawei communication base stations have been installed to test the new technology. 5G has impressive features: high data transmission capacity, reliable and stable ...

In the near future, the 5G technology station in the city of Arkadag will be installed and launched by the "Türkmenaragatna?yk" agency. The implementation of the 5G system in ...

The Turkmenaragatnashyk Agency (Turkmen Communications) proposed examining the adoption of 5G technology, ...

It examines the quality of technological infrastructure, including telecommunications, supercomputing capabilities, broadband quality, 5G infrastructure, and the adoption of ...

In Turkmenistan, with the support of the National Leader of the Turkmen people, Gurbanguly Berdimuhamedov, and under the wise leadership of President Serdar ...

WNAM MONITORING: Turkmenistan is starting to implement 5G technology - the first new generation network will be deployed in the city of Arkadag.

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