

The download speed of the Starlink satellite network system reaches more than 8Gbps

Vice President of Starlink Engineering, Michael Nicolls, shared the latest speed test results on social media platform X.

Billionaire Elon Musk's satellite Internet company SpaceX has 'teased' a series of extremely impressive data transmission speed evaluation results, boasting that the company's Internet connection provided from space can bring Incredible download speeds of 8Gbps in a remote location. Vice President of Starlink Engineering, Michael Nicolls, shared the latest speed test results on social media platform X:



According to the content in the screenshot, a download speed of 8102.6Mbps was recorded on a device located in Jacksonville, Florida. At the same time, the network achieved an upload speed of 2794.7Mbps with an overall ping of 40ms. This is data obtained from a "mobile community gateway" that the company is developing.

SpaceX currently offers consumer download speeds from 25 to 220Mbps. However, the company can install large receivers under the Community Gateway commercial service package to provide fiber optic Internet to many homes in a hard-to-reach location in a remote area.

The onshore Community Gateway can provide concurrent upload/download speeds of up to 10Gbps. SpaceX charges an upfront cost of \$1.25 million and monthly fees starting at \$75,000 for this service. Last year, the company partnered with OptimERA to deploy the first Community Gateway cluster installed on the remote island of Unalaska, Alaska.

Starlink's 'Mobile Community Gateway' appears to be a spin-off of its 'Community Gateway', aimed at providing gigabit internet speeds in remote locations at sea and in the air.

While there isn't any information yet on the deployment of this technology or the pricing of the service, several recent reports reveal that SpaceX is testing drone ships to act as gateway pods. mobile at sea for Starlink Internet service.

Starlink Internet Network

Starlink is an initiative of the founder of SpaceX aerospace corporation, billionaire Elon Musk, involving the establishment of a global high-speed wireless Internet network with a combination of nearly 12,000 signal-emitting satellites. from outer space (more than 6 times the number of spacecraft operating in space).

The idea here is to provide reliable coverage for rural or remote areas, where the establishment of fiber optic lines would be extremely difficult and expensive. At the same time, providing a more flexible internet connection service option for users no matter where they go.



The prospects for the Starlink project are truly great. Of course there will be mixed opinions regarding connection speed, but the project is still in the implementation phase, and the indicators can absolutely improve significantly over time.

Starlink has successfully deployed more than 6,000 Internet satellites from space, and a recent report estimates the company will be profitable this year. Starlink is trying to bring space-powered internet to more people by exploring methods such as direct communication between Starlink satellites and smartphones.

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