

Current fiber optic communication in Kazakhstan



Overview

Key Insight: Kazakhstan has significantly expanded its fiber optic infrastructure, reaching 85% coverage in urban areas by 2026, supporting faster and more reliable internet. The high internet penetration rate of 78% reflects widespread digital adoption among its population, bolstering e-commerce. Kazakhstan continues to expand its network of fiber-optic communication lines. More than 3,000 additional villages are expected to be connected to the country's main fiber-optic backbone by the end of 2026, Kazinform News Agency reports. Local fiber-optic networks reaching households will cover. At the Government session, Deputy Prime Minister – Minister of Artificial Intelligence and Digital Development Zhaslan Madiyev presented a report on the current results and plans for the development of communications and the country's digital infrastructure. The head of the agency emphasized that. Kazakhtelecom accounts for roughly 60% of Kazakhstan's telecom market by revenue in 2023 and owns major stakes in mobile operators Kcell and Tele2/Altel. 6. Kazakhstan's Ministry of Digital Development, Innovation and Aerospace Industry has signed an investment agreement with Kazakhtelecom JSC to expand high-speed Internet access to more than 3,000 additional rural settlements, Orda.



Article Content

Fiber Optic Coverage Statistics in Kazakhstan (2026)

What is the current state of fiber optic coverage in Kazakhstan? By 2026, fiber optic coverage in Kazakhstan has reached 85%, primarily in urban areas, enabling faster internet for most residents.

Over 3,000 Kazakh remote villages to gain internet

Kazakhstan continues to expand its network of fiber-optic communication lines. More than 3,000 additional villages are expected to be

100% of Kazakhstan's population to be provided with Internet access

By the end of 2027, it is planned to provide 100% Internet coverage of the population, achieve speeds above 100 Mbps, and extend fiber-optic lines to 90% of rural settlements.

Internet Access Services in Kazakhstan

The Digital Kazakhstan program has expanded fiber nationwide, deploying more than 20,000 kilometers of fiber by 2021 and achieving 118 cities

Kazakhstan to Provide High-Speed Internet to 99% of

To strengthen Kazakhstan's role as a key transit hub between Europe and Asia, construction of an optical fiber cable along the bottom of the Caspian

Over 3,000 Villages in Kazakhstan to Gain High-Speed

The construction of fiber-optic communication lines is expected to be completed by the end of 2026 — a year ahead of schedule. For remote areas,

Kazakhstan's Fiber-Optic Highway: A New Digital Silk

Currently, global internet traffic relies on several major fiber-optic backbones: By constructing a high-speed fiber-optic highway, Kazakhstan will

Kazakhstan to Build Fiber-Optic Highway for Internet

On February 6, Kazakhstan's Ministry of Digital Development, Innovation, and Aerospace Industry signed a memorandum of cooperation with

Kazakhstan, Uzbekistan putting digital distance

The two countries are moving forward with a plan to lay a fiber-optic cable beneath the Caspian Sea to establish a connection with Azerbaijan. At

Information and Communication KEY PERFORMANCE RESULTS

In 2024, optical networks were put into operation in Kazakhstan under the project for the development of broadband access network using FTTx technology, providing high-speed Internet connection to

In Kazakhstan, 20 thousand kilometers of optical fiber

Orazbek spoke about the planned projects and practical innovations that may soon be applied in Kazakhstan. So, according to him, the department

Azerbaijan and Kazakhstan to Invest in Fiber Optic

More than \$50 million will be invested by Kazakhstani and Azerbaijani operators in laying fiber optic fiber along the bottom of the Caspian Sea.

Kazakhstan, Azerbaijan to Lay Fiber-Optic

Kazakhstan, Azerbaijan to Lay Fiber-Optic Communication Cables Along Caspian Sea Bed On President of Kazakhstan Kassym-Jomart Tokayev's

AzerTelecom and Kazakhtelecom Begin Next Phase of

The Trans-Caspian Fiber Optic Cable Line Project is being implemented by AzerTelecom, a backbone internet provider in Azerbaijan and a

Kazakhtelecom, AzerTelecom Agree to Construct Fiber Optic Communication ...

ASTANA - The Kazakhtelecom and AzerTelecom companies signed an agreement on registering a joint venture responsible for the construction of fiber optic communication lines (FOCL)

Kazakhstan, Azerbaijan sign document on design, construction of fiber ...

Among them is a document on the design and construction of an underwater fiber-optic communication line along the Kazakhstan-Azerbaijan route. The project has strategic significance for

Azerbaijan, Kazakhstan to lay fiber-optic communication

Kazakh Minister of Digital Development, Innovation and Aerospace Industry Bagdat Musin has said that the construction of fibre-optic

Azerbaijan and Kazakhstan to build Trans-Caspian fiber

«The project is of strategic importance for enhancing the quality and reliability of communications, as well as improving data transmission between

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