

Kazakhstan joins modular high-density data center



Overview

Kazakhstan has signed a US\$10 billion agreement with Firebird AI for proposed Data Center Valley project, backed by global semiconductor major NVIDIA. Singaporean firm GK Hyperscale Ltd will participate in the construction of two major data processing centers (DPCs) in Kazakhstan's Akmola and Karaganda regions, according to Minister of Digital Development, Innovation and Aerospace Industry Zhaslan Madiev. The announcement was made by Deputy Prime Minister and Minister of Artificial Intelligence and. The Pavlodar Data Center Valley (Ekibastuz Hub) stands as a landmark industrial achievement, shifting the landscape of high-performance computing across Central Asia. These. February 2026 - Coolnet, a global leader in precision data center infrastructure with over 15 years of industry-leading expertise, has successfully completed the Factory Acceptance Test (FAT) for a major infrastructure project destined for Kazakhstan. The progress of the initiative was reviewed at a Feb.



Article Content

Kazakhstan signs memorandum to build data center costing up to \$3 bln

The agreement aims at the construction of a high-reliability Tier III-IV data center in Kazakhstan with a capacity of 50 to 200 MW. Total investment in the project is estimated at between

Coolnet & Marvel Kazakhstan at Data Center & AI Infrastructure

Coolnet partners with Marvel Kazakhstan to showcase advanced precision cooling and the MetaRow Modular Data Center at the AI Infrastructure Central Asia 2026 summit.

Kazakhstan to unveil the largest hyperscale data center in Central Asia

The initiative seeks to draw global technology leaders such as Microsoft, Google, and Amazon, along with firms that utilize big data and machine learning, to Kazakhstan. The projected

Why Modular Data Centers Are Gaining Momentum

Modular data centers are purpose-built to offer flexibility and scalability to adapt to evolving technologies.

Data Center Valley Project Advances with US\$10 Billion Kazakhstan ...

Kazakhstan has signed a \$10 billion agreement with US-based Firebird AI for proposed Data Center Valley project, backed by NVIDIA.

Eaton expands modular data center offering for rapid deployment of AI ...

The company's collaboration with Flexnode expands Eaton's modular offering in the U.S., which includes its Fibrebond business " pre-integrated enclosures for data center power

Kazakhstan to launch Central Asia's largest hyperscale

The project aims to attract international tech giants, including Microsoft, Google and Amazon as well as companies that use big data and

Kazakhstan Launches \$10 Billion AI Data Center Valley With Nvidia ...

Kazakhstan is committing up to \$10 billion to develop its Data Center Valley project, marking one of the most ambitious technology infrastructure bets in Central Asian history. The

Kazakhstan to open Central Asia's largest hyperscale

Kazakhstan is set to host the largest hyperscale data center in Central Asia, following a major investment from Singapore's GK Hyperscale Ltd,

#datacenters #ai #kazakhstan | Zhaslan Madiyev | 19

These facilities will form a critical digital backbone for the growth of cloud services, artificial intelligence, and high-performance computing (HPC) in Kazakhstan and

Pavlodar Valley: 1GW Firebird & NVIDIA AI Hub Kazakhstan

Explore the Pavlodar Data Center Valley in Ekibastuz, Kazakhstan, a \$10B, 1GW sovereign AI hub developed by Firebird and NVIDIA featuring liquid cooling.

Vertiv Launches High-Density Prefabricated Modular

Vertiv MegaMod CoolChip solution integrates best-in-class technologies, including high-density liquid cooling, to deliver turnkey AI critical

Singapore to Build Two Data Centers in Kazakhstan

He emphasized that large-scale AI deployment requires robust infrastructure, including high-capacity data centers. To this end, two centers with

Kazakhstan Modular Data Center Market (2025-2031) | Trends,

The Kazakhstan Modular Data Center Market encounters challenges such as high upfront costs and the need for significant investment in infrastructure. There is also a lack of awareness and understanding

Kazakhstan to Establish International Computing Hub in

Kazakhstan plans to develop an international computing hub centered in the Pavlodar region, based on the emerging “data center valley” in

Vertiv Launches High-Density Prefabricated Modular

According to the latest research by Omdia, demand for prefabricated modular and micro data center solutions has been accelerated by AI, with Vertiv

Coolnet Strengthens Central Asian Presence with

February 2026 – Coolnet, a global leader in precision data center infrastructure with over 15 years of industry-leading expertise, has successfully completed the

Central Asia's largest data center to be built in Kazakhstan

Kazakhstan will become Central Asia's digital hub with the region's largest IT project – a hyperscale data center. It is planned for launch in 2027 with

Kazakhstan launches major data center project with Singaporean

Kazakhstan is launching a strategically important project to build hyperscale data centers (DCs) with the participation of foreign investors from Singapore—GK Hyperscale Ltd, Trend reports.

Modular Data Centers: A Smaller Alternative to

Summary: As hyperscale data centers strain power grids and take years to build, modular data centers offer a faster, flexible alternative. Built off

Kazakhstan to open Central Asia's largest hyperscale

The projected hyperscale data center is to become the largest in Central Asia supporting high paying jobs and technological independence. It's

Kazakhstan Advances 1 GW Data Center Valley Project

ALMATY – Kazakhstan is moving forward with the large-scale Data Center Valley project in Ekibastuz, the Pavlodar Region, aimed at creating the

Kazakhstan to build hyperscale data centers

As part of the AlmatyFair.ai exhibition, a signing ceremony was held on March 28 for an investment agreement between the Government of Kazakhstan and Singapore-based GK

Top 10: Modular Data Centre Companies

Discover the top 10 companies driving the future of modular data centres with innovative, scalable and sustainable infrastructure solutions

Groundbreaking project! Kehua WiseAisle 7.0 Data

The project features the intelligent and reliable WiseAisle micro-module data center, equipped with multiple high-performance, high-power

Singapore to Build Two Data Centers in Kazakhstan

Singaporean firm GK Hyperscale Ltd will participate in the construction of two major data processing centers (DPCs) in Kazakhstan's Akmola and Karaganda regions, according to Minister of

Kazakhstan Secures \$1.5 Billion Investment for Central

Kazakhstan is set to host the largest hyperscale data center in Central Asia, following a major investment from Singapore's GK Hyperscale Ltd.

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