

Article Overview

Firebird AI is the primary company spearheading AI server manufacturing and supercomputing infrastructure in Armenia.

Overview

Firebird AI, a U.S.-based AI cloud and infrastructure company, has partnered with the Armenian government and global tech firms to establish one of the region's most advanced AI clusters . The company is building a large-scale AI "factory" and data center in Armenia, designed to host tens of thousands of GPUs and high-performance servers, positioning Armenia as a hub for AI research and deployment .

Infrastructure and Technology

- o GPU Hardware: The facility is powered by approximately 50,000 NVIDIA Blackwell GB300 GPUs, optimized for AI workloads and high-performance computing .
- o Server Systems: Firebird uses Dell Technologies PowerEdge servers to support large-scale AI model training and deployment .
- o Power and Scalability: The data center is engineered for extreme power density, resiliency, and scalability, with full redundancy and fault tolerance, capable of consuming up to 100 megawatts in its initial phase .
- o Global Connectivity: The infrastructure is designed to interconnect AI ecosystems worldwide, providing low-latency, high-bandwidth access for international customers and partners .

Strategic Partnerships

Firebird AI collaborates with major technology companies including NVIDIA, Dell Technologies, Schneider Electric, and Vertiv to deliver world-class AI infrastructure . This partnership ensures Armenia benefits from cutting-edge hardware, software, and operational expertise.

Economic and Educational Impact

The AI factory is expected to create significant opportunities for Armenian tech professionals and students, fostering local talent in AI and high-performance computing . The project represents a multi-billion-dollar investment, marking one of the largest technology-driven capital projects in Armenia's history .

Significance

By establishing this AI infrastructure, Firebird AI is effectively positioning Armenia as a regional leader in AI technology, enabling research, enterprise applications, and innovation across sectors such as life sciences,



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robotics, and space . The project also strengthens U.S.-Armenia collaboration in high-tech industries. In summary, Firebird AI is the key AI server manufacturer in Armenia, building a state-of-the-art GPU-powered data center and AI factory that combines global technology partnerships, advanced hardware, and strategic investment to transform Armenia into a major AI hub .

Discover top AI server companies offering high-performance infrastructure for machine learning, AI training, and data

It is known that the local infrastructure for the center will be provided by Team Telecom

Armenia's Soviet-era past, U.S. technological know-how, and a globally connected diaspora are converging to give

Firebird 1 debuts in Armenia in 2026, anchoring a globally connected AI platform built to

Emerging from stealth, Firebird unveiled a vision for a \$500 million public-private partnership with the Armenian

As the country invests in AI research, fosters new generations of engineers, and builds strong bridges with the West,

Discover Top IT Companies in Armenia specialized in Artificial Intelligence including Machine Learning, Natural Language

AI hardware and chip-making companies constantly advance products to keep up with the competition. Here is a look

Firebird, a U.S.-based AI cloud and infrastructure company, designed to provide secure, scalable, and globally

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The AI hub will operate on Dell Technologies' high-performance PowerEdge servers and NVIDIA Blackwell GPUs,

American startup Firebird is preparing to begin construction of an AI factory in Armenia. The

As costly artificial intelligence data centers get built in rich countries, there's concern that



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"The AI factory will become a platform for innovation, education, science, and entrepreneurship. It will foster the

Web: <https://in-au.co.za>

