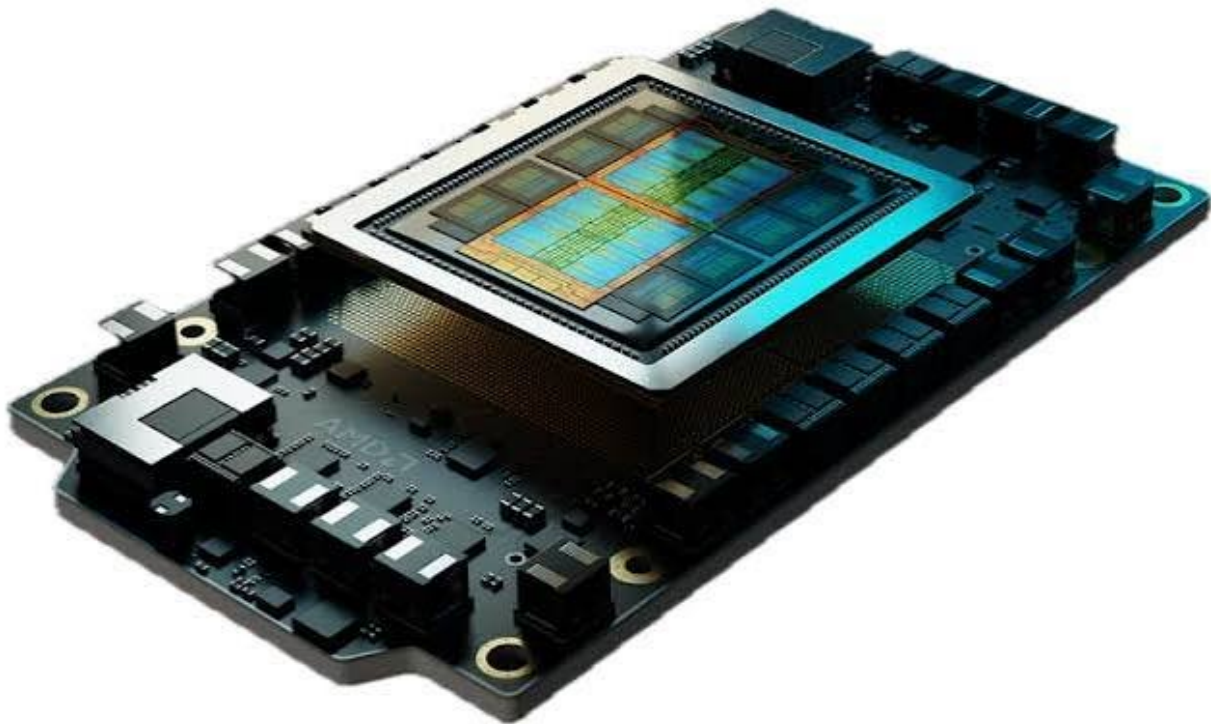


NEWS | REAL ESTATE & INFRASTRUCTURE

AMD, Cisco and HUMAIN Bring AI Infrastructure Powered by AMD Instinct MI355X GPUs Live in Saudi Arabia

Production deployment combines AMD Instinct GPUs, EPYC CPUs and Cisco Silicon One networking to deliver scalable GPU-as-a-service, with plans to expand AI infrastructure to 250 MW and up to 1 GW by 2030.

By **Ankit Kankar** | September 12, 2026



Picture Courtesy | Public Domain

AMD, Cisco and HUMAIN, a PIF company delivering full-stack AI solutions, announced that AMD Instinct MI355X GPU-based AI infrastructure built on Cisco Silicon One-based AI networking is now live in Saudi Arabia and serving HUMAIN customers in the Kingdom and beyond.

The production deployment, powered by AMD Instinct MI355X GPUs, AMD EPYC CPUs and Cisco's critical networking infrastructure, marks an important milestone in AMD, Cisco and HUMAIN's work to build an open, large-scale, AI platform in Saudi Arabia. Built on Cisco Silicon One and Cisco 800G optics, the Cisco N9000 Series platform interconnects the MI355X GPUs in an AI-optimized fabric designed for scale, low latency and operational resilience, enabling HUMAIN to offer GPU-as-a-service across a wide range of use cases, from model training to inferencing.

Expanding on this foundation, AMD, Cisco and HUMAIN plan to deploy up to 250 MW of AI infrastructure powered by AMD Instinct MI400 Series GPUs, AMD EPYC CPUs and AMD ROCm™ open software, together with Cisco networking and critical infrastructure, through the companies' previously announced joint venture. Deployment is planned to begin in 2027, with capacity expected to start coming online in the second half of the year.

This next phase of the companies' [previously announced joint venture](#) will significantly expand Saudi Arabia's AI capacity. Driven by strong customer demand, the joint venture remains on track to deploy up to 1 GW of AI infrastructure by 2030.

"Bringing AMD Instinct systems online in Saudi Arabia is an important milestone in our work with HUMAIN," said Dr. Lisa Su, chair and CEO, AMD. "Together, we are building an open, high-performance AI platform that is serving customers today and will scale significantly in the coming years. With AMD Instinct GPUs, EPYC CPUs and ROCm open software at the foundation, we are expanding the compute capacity needed to advance AI innovation across the Kingdom and globally."

"Putting this infrastructure into production demonstrates HUMAIN's ability to build, operate and deliver advanced AI infrastructure at scale," said Tareq Amin, CEO, HUMAIN. "Demand for sovereign, high-performance AI infrastructure continues to grow, and together with AMD and Cisco, we are expanding Saudi Arabia's role as a platform serving customers across the Kingdom, the region and globally."

"The true power of AI lies in its potential to solve some of the world's most complex challenges," said Chuck Robbins, Chair and CEO, Cisco. "The region is moving quickly from AI investment to delivery,

and through our work with HUMAIN and AMD, Cisco is building the critical infrastructure to make AI vision a reality – in the Kingdom and beyond."

Building an Open Platform for Sovereign AI

The collaboration is designed to give governments, enterprises, research institutions and developers access to advanced AI capabilities through a platform that brings together open models, open software and locally operated infrastructure.

The platform will give customers greater control over where their data resides, how their models are customized, and how their AI systems are deployed and governed. The AMD high-performance AI compute platforms and open software ecosystem deliver the flexible foundation, while the Cisco network architecture is designed to be open and interoperable, giving customers visibility and centralized control over the environment as capacity scales. This approach will enable organizations to build AI capabilities aligned with their languages, cultures, regulatory requirements and national priorities.

Together, AMD, Cisco and HUMAIN plan to deliver the performance, scale and openness required by AI labs, model providers, enterprises and developers, bringing a new generation of sovereign AI capabilities to Saudi Arabia and the broader global market.

Read online: <https://worldbusinesswatch.com/news/20/15/amd-cisco-and-humain-bring-ai-infrastructure-powered-by-amd-instinct-mi355x-gpus-live-in-saudi-arabia.html>

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