

AI server amd



Overview

Artificial intelligence took center stage at CES 2026 as AMD's Lisa Su unveiled new details about its Helios rack-scale AI platform and next-generation Instinct MI400-series GPUs, underscoring the company's push to scale AI and high-performance computing (HPC) from enterprise data. Artificial intelligence took center stage at CES 2026 as AMD's Lisa Su unveiled new details about its Helios rack-scale AI platform and next-generation Instinct MI400-series GPUs, underscoring the company's push to scale AI and high-performance computing (HPC) from enterprise data. Aivres AI systems powered by AMD Instinct™ GPU accelerators set new standards for exascale AI and HPC infrastructure in the data center. Based on Aivres' modular building-block architecture, these advanced servers integrate the latest MI350 series 8-OAM platforms to deliver scalable. Agentic AI is driving higher demands across the stack—requiring not just powerful GPUs, but also high-performance CPUs and secure, efficient networking. To support these multi-agent workflows, optimized coordination between AMD Instinct™ GPUs, AMD EPYC™ CPUs, and Pensando™ NICs is essential for. Advanced Micro Devices Inc. (NASDAQ: AMD) is preparing to launch the next generation of its AI accelerators in the second half of 2026, introducing the Instinct MI450 alongside the Helios rack-scale platform (MI455X), both part of the MI400 series. AMD reported Q1 2026 revenue of \$10.25 billion. Lemonade is a local AI runtime with every capability you need to build great experiences. Automatically deploys the latest models and engines. A lightweight, OpenAI API-compatible server for running LLMs on AMD Ryzen AI NPUs using ONNX Runtime GenAI.

Article Content

AMD Unveils Strategy to Lead the \$1 Trillion Compute Market and ...

1 Calculations by AMD Performance Labs in June 2025, based on the projected memory capacity/ bandwidth and scale up/out bandwidth specifications of AMD Instinct™ MI455X 72xGPU

AMD posts Q1 2026 data center revenue of \$5.8bn, forecasts \$120bn ...

AMD saw a 57 percent year-on-year (YoY) revenue increase for its data center segment during Q1 2026, with income reaching \$5.8 billion. The growth was primarily driven by strong

AI Servers Powered by AMD Instinct™ GPU Accelerators

Based on Aivres'' modular building-block architecture, these advanced servers integrate the latest MI350 series 8-OAM platforms to deliver scalable, ready-to-deploy systems for the largest AI models.

AMD Instinct MI350P: Enterprise PCIe AI Inference Returns to

AMD has announced the Instinct MI350P, a PCIe accelerator aimed at enterprises that want on-premises AI inference without rebuilding their data center. The card is a dual-slot, full-height,

AMD unveils AI server as OpenAI taps its newest chips

Advanced Micro Devices CEO Lisa Su on Thursday unveiled a new artificial intelligence server for 2026 that aims to challenge Nvidia's flagship offerings as OpenAI's CEO said the ChatGPT...

Dell Announces PowerEdge AI Servers Fueled By AMD

That's exactly the pitch from Dell, who has just launched a new family of server products offering extremely high-performance AI solutions specifically targeted at improving AI adoption. The...

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Lemonade is a local AI runtime with every capability you need to build great experiences. Automatically deploys the latest models and engines. Extra optimized for Ryzen AI, Radeon, and Strix Halo PCs.

AMD Instinct MI350P PCIe GPUs: Run Enterprise AI on Your Existing ...

Performance That Drops into Your Existing Racks Designed to help you prepare for the agentic AI era, AMD Instinct MI350P PCIe cards are dual-slot drop-in cards for standard air-cooled

AMD Lifts Server CPU Outlook to 35%+ CAGR, \$120B by

As inference AI fuels a fresh wave of CPU demand, chip giant AMD posted a 57% YoY jump in first-quarter data center revenue—covering both server CPUs and AI accelerators—to

What Is Going On With AMD Stock On Monday?

AMD stock slides 2% despite CEO Lisa Su striking a constructive tone in Beijing. See why Citi aggressively raised its target to \$460 on a massive \$131B AI server boom in 2026.

AMD Delivering Open Rack Scale AI Infrastructure

With the AMD open rack-scale AI solution, we're giving customers ready to deploy infrastructure that's ready right now. And with "Helios," AMD continues our tradition of elevating AI

IBASE Releases ES1002 Edge AI Server Powered by AMD EPYC

IBASE Technology Inc., a leading manufacturer of embedded and edge computing solutions, unveils the ES1002 Edge AI Server, a high-performance platform engineered to accelerate

AMD touts Instinct MI430X, MI440X, and MI455X AI accelerators and ...

The MI440X powers AMD's new Enterprise AI platform, which is not a rack-scale solution but a standard rack-mounted server with one EPYC "Venice" CPU and eight MI440X GPUs.

AI server market: cloud giants to command 60% demand in 2024

Nvidia, along with AMD and other leading ASIC chip manufacturers, is poised to drive the supply. However, ongoing restrictions on exports to China increased proprietary technologies, and ...

CES 2026: AMD Details Helios AI Rack and Next-Gen Instinct MI400

AMD is positioning this system as an on-premises solution for enterprise AI training, fine-tuning, and inference, compatible with existing data-center power and cooling designs.

AMD's next-generation AI chips set to power 2026 data center growth

AMD (NASDAQ: AMD) is set to launch its MI400-series AI accelerators in 2H 2026. Analysts expect the rollout to drive significant growth, with data-center revenue projected to surge 73%, fueled by strong

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