

# AMD 4th Generation AI Server



## Overview

Powered by AMD EPYC™ 9004 Series processors, this 4U high-density server is built for AI, HPC, and data-intensive workloads. 0 architecture and support for up to 10 full-height, full-length GPUs, it delivers exceptional compute performance and scalability. Whether you are looking to upgrade your data center, optimize the cloud, or accelerate with AI workloads, AMD EPYC Server CPUs can help you unlock high performance, energy efficiency, and lower TCO. Experience advanced performance and energy efficiency for enterprise workloads with seamless x86. Aivres AI systems powered by AMD Instinct™ GPU accelerators set new standards for exascale AI and HPC infrastructure in the data center. Ideal for AI training, deep. The 4th Gen AMD EPYC 9634, a server CPU from the 9004 Series, is crafted to fuel data centers with robust core setups and swift memory access. Designed to meet. 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. The rollout marks the chipmaker's latest push to. AMD used its “Data Center and AI Technology Premiere” event to announce new products and share how the company will shape the next phase of data center innovation.



## Article Content

Hot

Supermicro Systems with AMD Instinct™ Series GPUs

Supermicro unleashes the power of large-scale infrastructure with a server built with our proven AI building-block system and powered by 5th Gen AMD EPYC™

Aug 27, 2025 Hot

Lemonade by AMD: A Unified API for Local AI Developers

For any developer working with local AI, the challenges are familiar: a mix of hardware architectures, competing runtimes, platform-specific

Apr 29, 2026 Hot

AMD EPYC Server CPUs for Data Center, Cloud & AI

4th Generation AMD EPYC 9004 series server CPUs are very capable processors that provide excellent value for general enterprise workloads, cloud services, databases, and cost-sensitive applications

Jun 17, 2026 Hot

AMD and its Partners Share their Vision for “AI

News Highlights AMD provided an early look at its “Helios” rack-scale platform, the blueprint for yotta-scale AI infrastructure, built on AMD Instinct

Jun 03, 2026 Hot

Press Release Search | AMD

AMD to Report Fiscal First Quarter 2026 Financial Results AMD to Report Fiscal First Quarter 2026 Financial Results April 8, 2026 Samsung and AMD Expand Strategic Collaboration on Next

Mar 18, 2026 Hot

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Dec 09, 2025 Hot

RS720-E11-RS12U | ASUS Servers

ASUS RS720-E11-RS12U is a 2U dual-socket server powered by 4th Gen Intel Xeon Scalable processors designed for HPC, AI, and data analytics with 14 all-flash

Feb 14, 2026 Hot

#### Data Center and AI Technology Premiere | AMD

Advancing AI AMD is driving the benefits of AI with deep ecosystem support and a broad portfolio of high performance products and solutions across the data

Mar 30, 2026 Hot

#### AMD Instinct™ MI350 Series GPUs

Under the Hood The Ultimate AI and HPC Performance Built on the cutting-edge 4th Gen AMD CDNA™ architecture, AMD Instinct™ MI350 Series GPUs feature

Aug 08, 2025 Hot

#### AI Servers Powered by AMD Instinct™ GPU

Based on Aivres'' modular building-block architecture, these advanced servers integrate the latest MI350 series 8-OAM platforms to deliver scalable, ready-to

Jun 15, 2026 Hot

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

AMD reveals its Helios rack-scale AI platform and next-generation Instinct MI400 GPUs at CES, highlighting exascale AI performance, 2nm GPU

Dec 20, 2025 Hot

#### AMD to broaden and specialize EPYC CPUs, already working on Zen

With the Zen 4-based 4 th Generation EPYC family, AMD offers a variety of processors SKUs aimed at AI, cloud, enterprise, network/edge, and small business/hosted service providers.

Aug 16, 2025 Hot

#### Scale Up or Out with AMD-Powered Servers

Whether you're upgrading your legacy servers or looking for a scalable foundation for new applications, PowerEdge servers featuring fourth

Oct 20, 2025 Hot

#### AMD Next-Generation “Zen 4” Core and 4th Gen AMD EPYC Server

The 4th gen AMD EPYC server processor family brings the “Zen 4” core to the data center and cloud market and introduces a family of unique processors that leverage advanced chiplet

Aug 01, 2025 Hot

Press Releases :: Advanced Micro Devices, Inc. (AMD)

AMD and Nutanix Announce Strategic Partnership to Advance an Open and Scalable Platform for Enterprise AI Feb 25, 2026 4:11 pm EST

May 30, 2026 Hot

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

Dec 11, 2025 Hot

AMD EPYC™ Servers are the Foundation for Data

Get an overview of the AMD portfolio for AI, starting with AMD EPYC server CPUs, and explore how to use different types of hardware throughout your AI workflow.

Jul 24, 2025 Hot

5th Generation AMD EPYC™ Processors

Purpose built to accelerate data center, cloud, and AI workloads, the AMD EPYC 9005 series of processors are driving new levels of enterprise computing

Jul 20, 2025 Hot

AMD EPYC CPUs and Next-Generation AMD Instinct

The announcement includes updates to the 4th Gen EPYC processor family, the new AMD Instinct MI300 Series accelerator family, and an updated

Apr 07, 2026 Hot

ESC4000-E11 | ASUS Servers

ASUS ESC4000-E11 is a 4U GPU server powered by 4th Gen Intel Xeon Scalable processors designed for AI training, HPC and machine learning with up to 4

Sep 28, 2025 Hot

AMD EPYC 4th Gen 10 GPU Server – AI & Deep Learning

Powered by AMD EPYC™ 9004 Series processors, this 4U high-density server is built for AI, HPC, and data-intensive workloads. With PCIe 5.0 architecture and

Aug 04, 2025 Hot

AMD Helios

AMD “Helios” built on Meta's OCP Open Rack for AI redefines open, scalable infrastructure for next-generation AI and HPC innovation.

Dec 13, 2025 Hot

AMD EPYC 9634 for AI and Machine Learning:

Discover how the 4th Gen AMD EPYC 9634 processor delivers exceptional performance for AI and machine learning workloads. Get benchmarks

Nov 07, 2025 Hot

Five-Reasons-Why-PowerEdge-AMD-Sales-Guide

Industry-leading 4th Generation AMD EPYCTM processors deliver best-in-class performance and efficiency for a variety of workloads including artificial intelligence (AI), databases and Java®

May 14, 2026 Hot

AMD Newsroom

AMD Newsroom See what's new with AMD. Read our blogs, catch up on the latest press releases, and discover our media resources.

Jun 23, 2026 Hot

Samsung Electronics signs AI memory deal with AMD to supply

Samsung Electronics will give AMD first access to its next-generation AI memory, HBM4, under an agreement signed at Samsung's Pyeongtaek site. Executives including Jun Young-hyun

Oct 10, 2025

## Contact Us

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