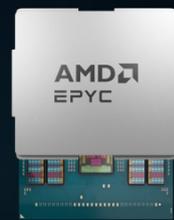


OPTIMIZE YOUR GPU INVESTMENT WITH AMD EPYC™ 9005 SERIES PROCESSORS

PERFORMANCE

AMD EPYC 9005 SERIES PROCESSORS OFFER



ADVANCED FEATURES

HIGH FREQUENCIES

CORE COUNTS THAT CAN **BOOST PERFORMANCE AND SCALABILITY** IN GPU-ACCELERATED SYSTEMS

See the AMD EPYC 9005 Series CPUs data sheet: [Datasheet](#)

OPTIMIZE GPU SYSTEM PERFORMANCE AS AI HOST CPU

Up to 20% More Requests, 15% Better Time-to-Train with AMD EPYC 9575F



Llama3.1-70B Inference Benchmark at FP8 (8x GPU) [9xx5-014](#)



Llama3.1-8B Training Benchmark at BF16 (8x GPU) [9xx5-015](#)

EFFICIENCY

AMD EPYC CPUs have energy-efficient cores that enable efficient GPU-accelerated systems, optimizing high performance, energy efficiency, memory, and IO scalability.

AMD EPYC powers energy-efficient servers, delivering exceptional performance and helping reduce energy costs.



KTH Royal Institute of Technology in Stockholm achieves

6X PERFORMANCE

within a comparable power envelope using HPE systems powered by AMD EPYC processors and AMD Instinct™ accelerators

Read the case study: [Case Study](#)

PROVEN SOLUTIONS

GPU accelerator-based solutions fueled by AMD EPYC CPUs power many of the world's fastest supercomputers and cloud instances, offering enterprises a proven platform for optimizing data-driven workloads and achieving groundbreaking results in AI.

Read Compelling Industry [Case Studies](#)
View [AMD Instinct GPU accelerated solutions](#)

Ask for other certified or validated GPU-accelerated solutions available from leading platform solution providers including:

- Asus
- Dell
- Gigabyte
- HPE
- Lenovo
- Supermicro

Ask for instances combining AMD EPYC CPU with GPU accelerators for AI/ML workloads from major cloud providers including:

- AWS
- Azure
- Google
- IBM Cloud
- OCI

NOTHING STACKS UP TO AMD EPYC

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