



OPTIMIZE YOUR GPU INVESTMENT WITH AMD EPYC™ 9004 SERIES PROCESSORS

PERFORMANCE

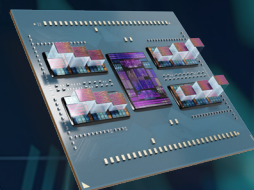
AMD EPYC 9004 SERIES PROCESSORS OFFER

ADVANCED
FEATURES

HIGH
FREQUENCIES

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

See the AMD EPYC 9004 Series CPUs data sheet: [Datasheet](#)



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 the world's most energy-efficient servers, delivering exceptional performance and helping reduce energy costs. ¹



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

LEARN MORE AT [AMD.COM/AI](#)

1 - EPYC-028D: SPECpower_ssj® 2008, SPECrate®2017_int_energy_base, and SPECrate®2017_fp_energy_base based on results published on SPEC's website as of 2/21/24. VMmark® server power-performance / server and storage power-performance (PPKW) based results published at <https://www.vmware.com/products/vmmark/results3x.1.html?sort=score>. The first 105 ranked SPECpower_ssj®2008 publications with the highest overall efficiency overall ssj_ops/W results were all powered by AMD EPYC processors. For SPECrate®2017 Integer (Energy Base), AMD EPYC CPUs power the first 8 top SPECrate®2017_int_energy_base performance/system W scores. For SPECrate®2017 Floating Point (Energy Base), AMD EPYC CPUs power the first 12 SPECrate®2017_fp_energy_base performance/system W scores. For VMmark® server power-performance (PPKW), have the top 5 results for 2- and 4-socket matched pair results outperforming all other socket results and for VMmark® server and storage power-performance (PPKW), have the top overall score. See <https://www.amd.com/en/claims/epyc4#faq-EPYC-028D> for the full list. For additional information on AMD sustainability goals see: <https://www.amd.com/en/corporate/corporate-responsibility/data-center-sustainability.html>. More information about SPEC® is available at <http://www.spec.org>. SPEC, SPECrate, and SPECpower are registered trademarks of the Standard Performance Evaluation Corporation. VMmark is a registered trademark of VMware in the US or other countries.

