6 WAYS

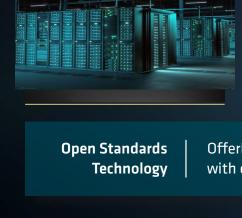
FOR ENTERPRISE AI SOLUTIONS

AMD DELIVERS END-TO-END FOUNDATIONS

AMD OFFERS BROAD-BASED CAPABILITIES FOR ENTERPRISE AI

Center to AI PC, across all major AI frameworks and based on open standards

AMD is one of the only companies in the world that can power enterprise IT from Data



Solutions





Silicon

to the world's most important challenges

Choice of CPU, GPU, & FPGA **Broadest Portfolio** Synergistic partnerships

A DIFFERENTIATED APPROACH TO ENTERPRISE

High performance and adaptive computing enabling solutions

Optimized Customer Solutions

Open Ecosystem

Leadership Innovation

Flexibility

Portability

Rapid Co-Innovation



AMD POWERS THE DAILY LIVES OF BILLIONS

At AMD, we proudly drive scientific and medical research, streamline commerce through robotics and intelligent supply chains, and are advancing AI around the world

Financial Services

Power efficient solution

to execute overnight risk

calculations



High density of patient

records per server

Healthcare



Incredible performance

and productivity

Technical Debt in

Existing Environments

What to do with legacy IT

infrastructure while also

driving modernization



leadership multitasking

& Al performance and

all-day battery life

AMD HELPS SOLVE ENTERPRISE AI ADOPTION CHALLENGES

Data Readiness,

Security & Privacy

A major challenge facing



High perf/watt, TCO at

the datacenter and edge

Balancing Productivity

with Innovation

Maintaining existing

productivity while driving

increased modernization

Fast time to results for

mechanical simulations

Manufacturing

Enterprise customers is data security & privacy

HOW AMD HELPS HOW AMD HELPS HOW AMD HELPS 8-to-1 server consolidation. Data protection and privacy Right-sized solutions to Up to 69% less power and with AMD Infinity Guard optimize for different

on-chip advanced security

features

Licensing savings up to 45% from lower core counts **

Space savings achieved

by 87% fewer servers for

same performance *

79% lower 5-yr TCO *

AI PCs and Workstations can run many Al models locally, preserving data locality and security

Help orchestrating with partners for advanced data management services

DEPLOY WITH THE CONFIDENCE OF OPEN STANDARDS

At AMD, we believe the future of AI will be shaped by open development.

entire industry together and accelerates innovation

AMD is open across all three lavers that matter most; hardware, software, and eco

applications that deliver rapid payback

Solutions aligned to

preserve Capex or Opex

cost points and workloads

Industry-specific Al

* See Endnote: 9xx5TCO-005, 2P EPYC™ 9965 vs 2P Intel® Xeon® 8280 to deliver 391,000 integer score ** See Endnote: 9xx5TCO-006, 2P EPYC™ 9555 vs. 2P Intel® Xeon® 8280 to deliver 391,000 integer score

> Open Open Ecosystem Software

AMDE This open approach gives customers fast time to value, flexibility, and the freedom to innovate without being locked in. Open standards brings the capabilities of the

Choice &

Flexibility

Open

Hardware

Fast Time

to Value

6

AMD

AI Software

Rapid

Co-Innovation

AMD DELIVERS AN END-TO-END AI PORTFOLIO Broadest Portfolio | Open Ecosystem | Leadership Innovation

GPUs

AMD Instinct™

AMD Ryzen™ AI PRO,

Cluster Level

Systems Design

AMD ROCm™, ZenDNN,

AMD Vitis™, AMD Vivado™

Portability

AMD Ryzen™ AI PRO

CPUs & APUs

AMD EPYC™

Networking

DPUs, UALink,

& Ultra Ethernet

Adaptive Computing

AMD Versal™

AMD Alveo™

UA Link

AMD.

AMD A

Ultra **Ethernet**

Workload validations, reference architectures, support with AMD Silo AI™

AMD to Power Workloads Serving Billions of Users AMD Instinct™ GPUs

9xx5TCO-005: This scenario contains many assumptions and estimates and, while based on AMD internal research and best approximations, should be considered an example for information purposes only, and not used as a basis for decision making over actual testing. The AMD Server & Greenhouse Gas Emissions TCO (total cost of ownership) Estimator Tool - version 1.3, compares the selected AMD EPYC™ and Intel® Xeon® CPU based server solutions required to deliver a TOTAL_PERFORMANCE of 391000 units of SPECrate®2017_int_base performance as of November

* AMD Infinity Guard features vary by EPYC™ Processor generations and/or series. Infinity Guard security features must be enabled by Server OEMs and/or Cloud Service Providers to operate. Check with your OEM or provider to confirm support of these features. Learn more about Infinity Guard at https://www.amd.com/en/technologies/infinity-guard GD-183A

21, 2024. This estimation compares upgrading from a legacy 2P Intel Xeon 28 core Platinum_8280 based server with a score of 391 (https://spec.org/cpu2017/results/res2020q3/cpu2017-20200915-23984.pdf) versus 2P EPYC 9965 (192C) powered server with a score of 3100 (https://spec.org/cpu2017/results/res2024q4/cpu2017-20241004-44979.pdf) and compared to a 2P Intel Xeon 64 core Platinum_8592+ (64C) based server with a SPECrate2017_int_base score of 1130, https://spec.org/cpu2017/results/res2023q4/cpu2017-20231127-40064.pdf. For additional details,

purposes only, and not used as a basis for decision making over actual testing. The AMD Server & Greenhouse Gas Emissions TCO (total cost of ownership) Estimator Tool - version 1.3, compares the selected AMD EPYC™ and Intel® Xeon® CPU based server solutions required to deliver a TOTAL_PERFORMANCE of 391000 units of SPECrate®2017_int_base performance as of November 21, 2024. This estimation compares upgrading from a legacy 2P Intel Xeon Platinum_8280 (28 core) based server with a score of 391 (https://spec.org/cpu2017/results/res2020q3/cpu2017-20200915-23984.pdf) versus 2P EPYC 9555 (64 core) powered server with a score of 1630 (https://spec.org/cpu2017/results/res2024q4/cpu2017-20241104-45226.pdf; and compared to a 2P Intel Xeon 64 core Platinum_8592+ (64 core) based server with a SPECrate2017_int_base score of 1130, https://spec.org/cpu2017/results/res2023q4/cpu2017-20231127-40064.pdf; Environ-

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mental impact estimates made leveraging this data, using the Country / Region specific electricity factors from Country Specific Electricity Factors - 2024, and the United States Environmental

Protection Agency Greenhouse Gas Equivalencies Calculator. For additional details, see https://www.amd.com/en/claims/epyc.html#q=9xx5TCO-006.

ISV, Al infrastructure partnerships: Applications, models, frameworks, architecture, optimization

AMD Ryzen™ AI PRO CPUs

The Largest and Most Discerning Customers Choose

AMD EPYC™ CPUs

see https://www.amd.com/en/claims/epyc.html#q=9xx5TCO-005. SPEC®, SPEC CPU®, and SPECpower® are registered trademarks of the Standard Performance Evaluation Corporation. See $www.spec.org\ for\ more\ information.\ Intel\ CPU\ specifications\ at\ https://ark.intel.com/$ 9xxTCO-006 This scenario contains many assumptions and estimates and, while based on AMD internal research and best approximations, should be considered an example for information

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