

Journée AuDACES 2025

Apostolos Tsetoglou Field Applications Engineer apostolos.tsetoglou@amd.com

Philippe Grégoire BDE Public Sector philippe.gregoire@amd.com

> AMD together we advance_



55 years

Founded May 1, 1969 Headquartered in Santa Clara, CA

28,000+ employees

Accelerating next-generation computing

\$25.8B annual revenue in 2024

Over 25% reinvested towards research and development

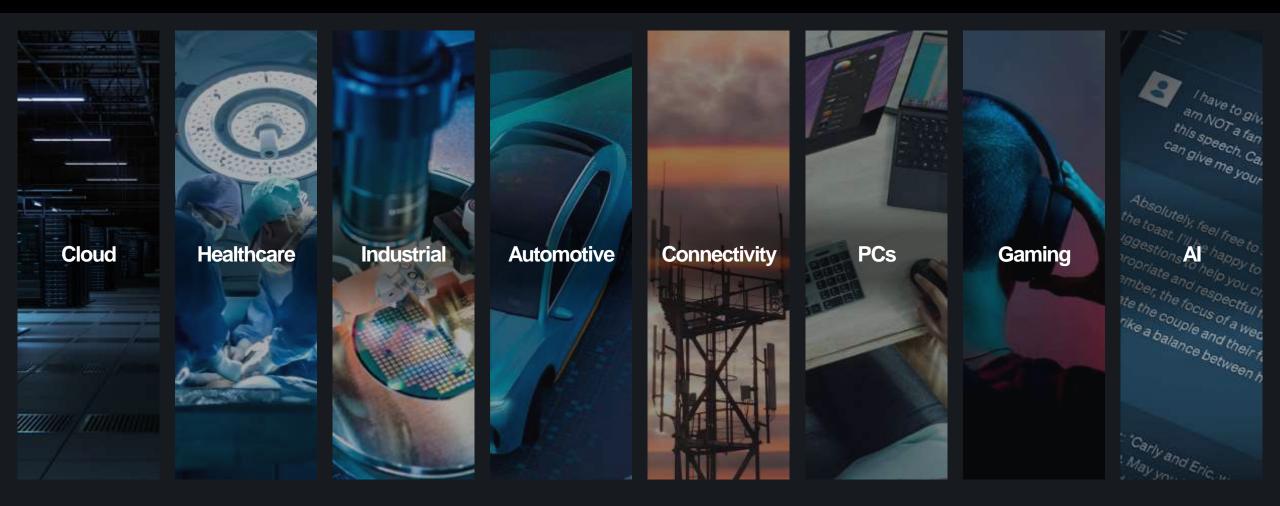
3x market cap growth in 5 years

Top 100 most valuable companies in the world

100+ locations

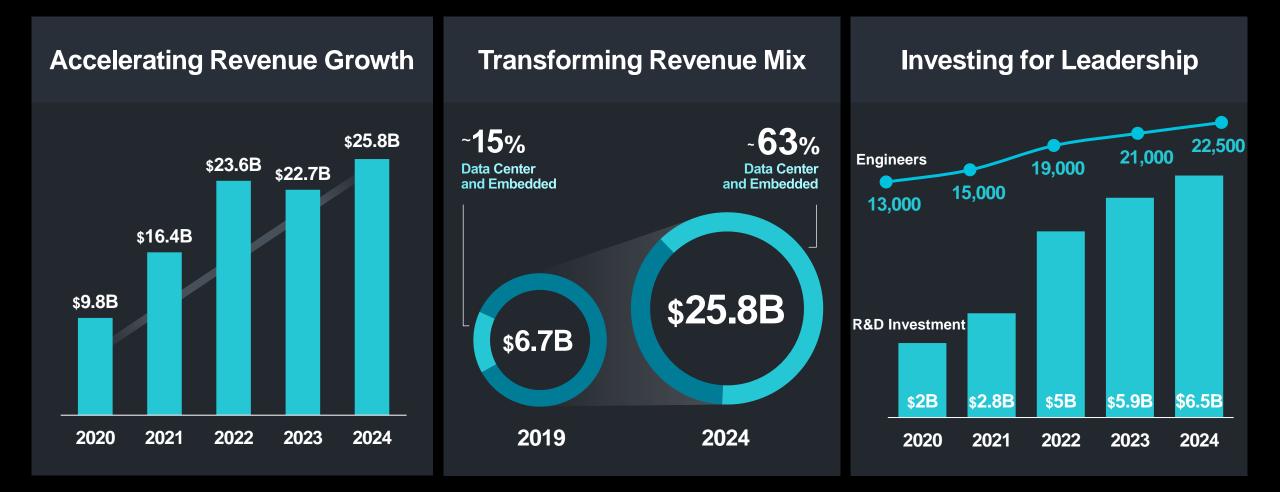
Around the world

AMD powers the daily lives of billions



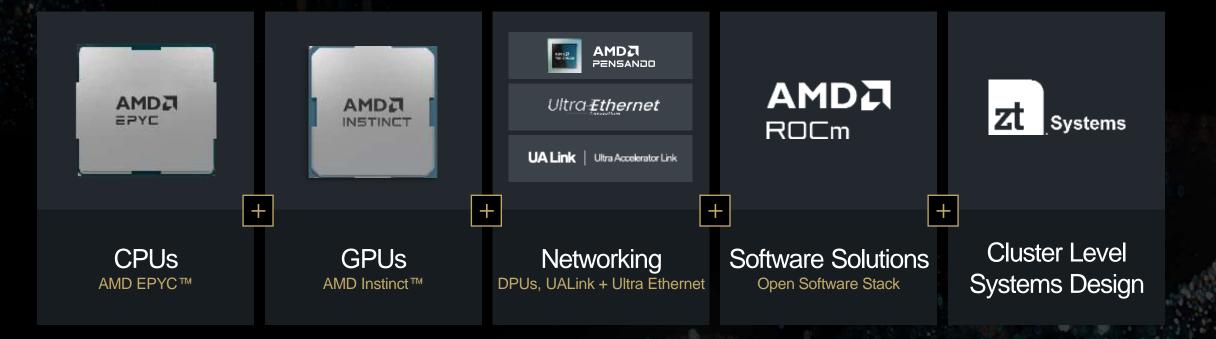


Driving Growth from a Strong Financial Foundation



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AMDA Advancing the Al Data Center



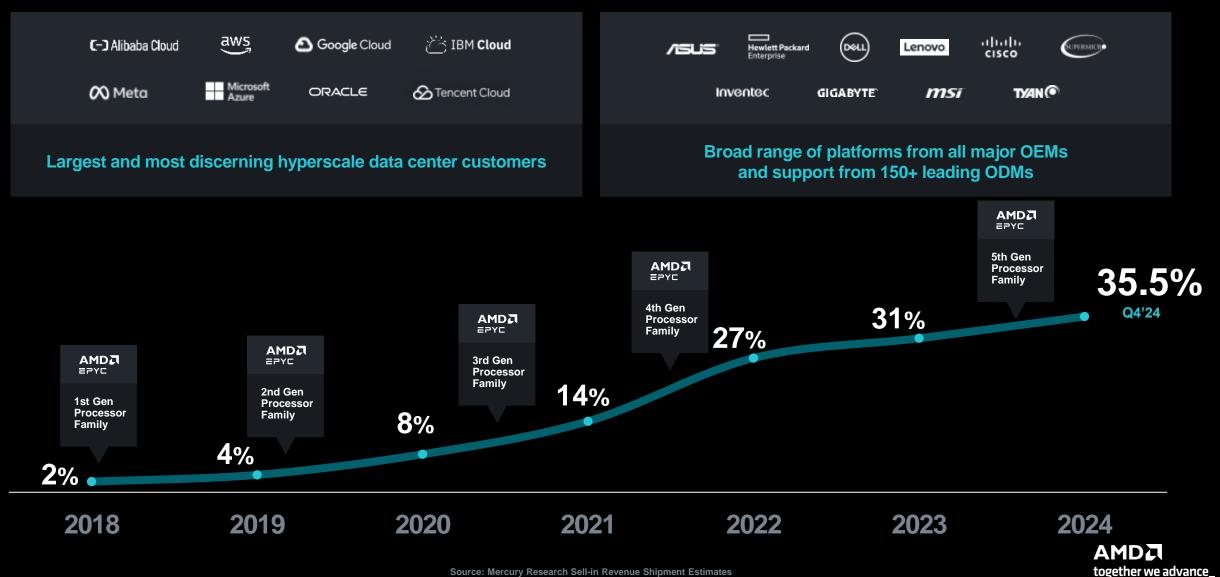


AMD EPYC™ Processors

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AMD EPYC[™] trusted to power over one-third the world's servers



Source: Mercury Research Sell-in Revenue Shipment Estimates

#1 CPU for hyperscalers



C-) Alibaba Cloud

Microsoft Azure

Google Cloud IBM Cloud

ORACLE ∞ Meta Tencent

Hyperscale leaders power internal workloads with AMD, serving billions worldwide





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Trusted by industry leaders on-prem



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AMD EPYC[™] Processors

SUSTAINED LEADERSHIP | ECOSYSTEM COLLABORATION | INDUSTRY STANDARDS

Business Value

Accelerate Productivity Realize energy-efficiency Outstanding IT ROI Data Security Proven Solutions

Large-scale Enterprise deployments

World's #1 Supercomputer* Leading Cloud Providers Seamless Innovation

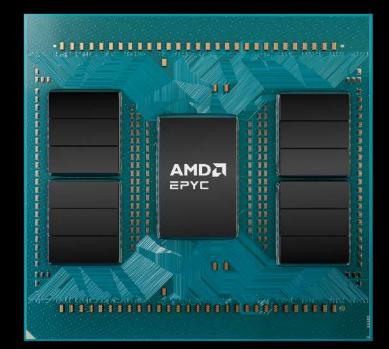
Leadership Technology and Data Center Portfolio

AMDA AMDA AMDA AMDA AMDA EPYC INSTINCT ALVEO VERSAL PENSANDO

5th Gen AMD EPYC[™] Processors

Formerly codenamed "Turin"

World's best CPU for cloud, enterprise & Al



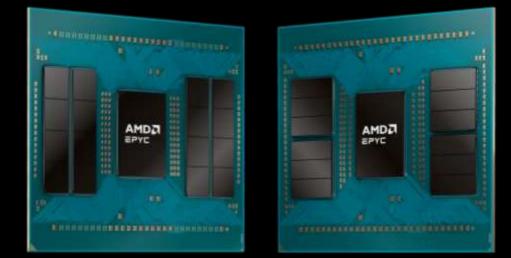


5th Gen AMD EPYC 9005 Series Processors

Continuing to Deliver Technology Leadership

Scale-Up

16 "Zen 5" CCDs 128 Cores / 256 Threads



Scale-Out

Up to

12 "Zen 5c" CCDs 192 Cores / 384 Threads

Consistent features, ISA, & IPC uplift SP5 Socket "Genoa" Compatible 8 to 192 Cores 155W to 500W Up to 12Ch DDR5-6400 128 PCIe 5.0/CXL 2.0

Confidential Compute with Trusted I/O

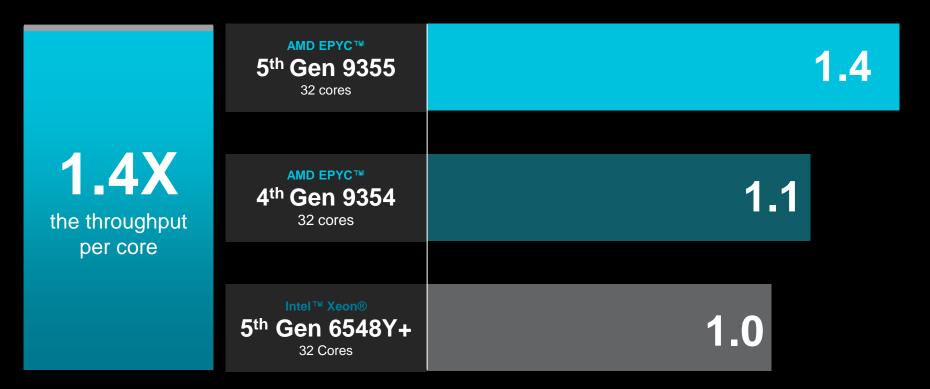
Industry's Highest Performing Server CPU



SPECrate[®]_2017_int_base



Per Core Performance Leadership



SPECrate[®]_2017_int_base

See endnotes 9xx5-003B

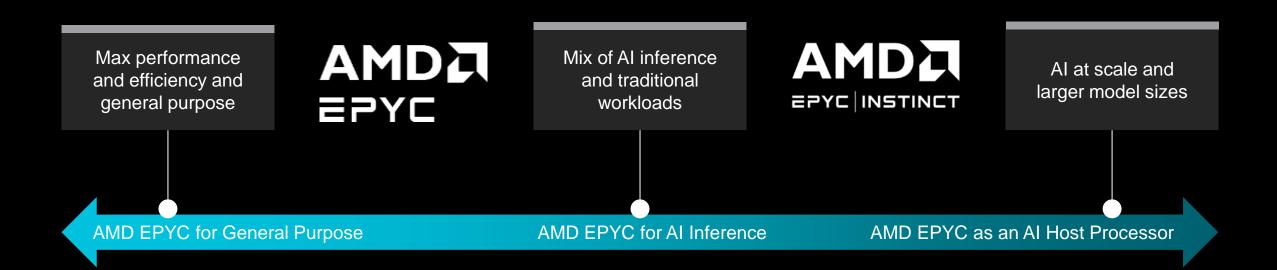


AMD EPYC[™] for AI



AMD EPYC[™] CPUs Enable Customer AI Initiatives

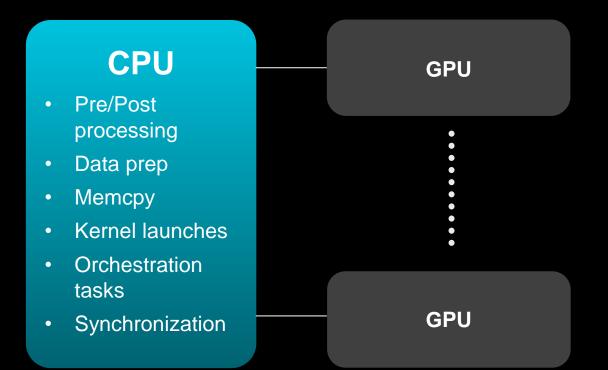
Spanning traditional compute, mixed AI & AI at Scale with optimized CPU + GPU solutions



5th Gen AMD EPYC[™] 9575F – 5.0 GHz High Frequency 64 Core SKU

Designed for GPU Accelerated AI Inference & Training

28% Faster Processing for GPU orchestration tasks



AMD EPYC** 9575F, 5.0 GHz max frequency vs Intel® Xeon® 8592+, 3.9 GHz max frequency See endnotes GD-150

5th Gen AMD EPYC[™] 9575F

Enabling Maximum GPU System Performance as an AI Host Processor



700K More Tokens/Second From 1K Node AI Cluster for Inference

See endnotes 9xx5-056A, 059, 087

5th Gen AMD EPYC[™] 9575F

Enabling Maximum GPU System Performance as an AI Host Processor



Up to 20% more requests and 15% better time to train with AMD EPYC[™] 9575F

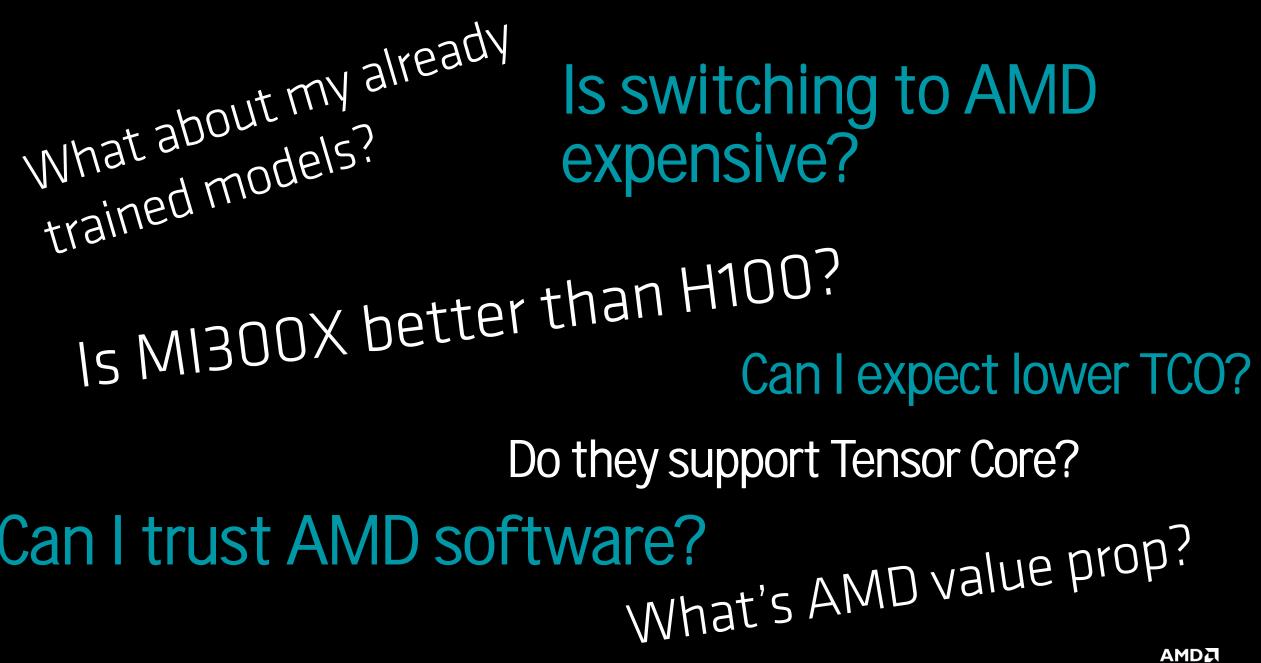
See endnotes 9xx5-014, 015



AMD INSTINCTTM ACCELERATORS

AMD DRIVING GPU LEADERSHIP

PROHTHER WINE ANDI	Mathing Mathing				SAMSUNG SXYNOS
Supercomputer	Data Center	PC	Console	Embedded	Mobile
Frontier (US) LUMI (Finland/EU) Adastra (France) Setonix (Australia)	AMD Instinct [™] MI250 AMD Instinct [™] MI210 Radeon [™] PRO V620 AWS, Microsoft Azure	Radeon ™ RX 7000 Series Radeon ™ W7000 Series Ryzen ™ 7000 Series	PlayStation 5 Xbox Series X S Steam Deck	Magic Leap Tesla	Samsung Exynos

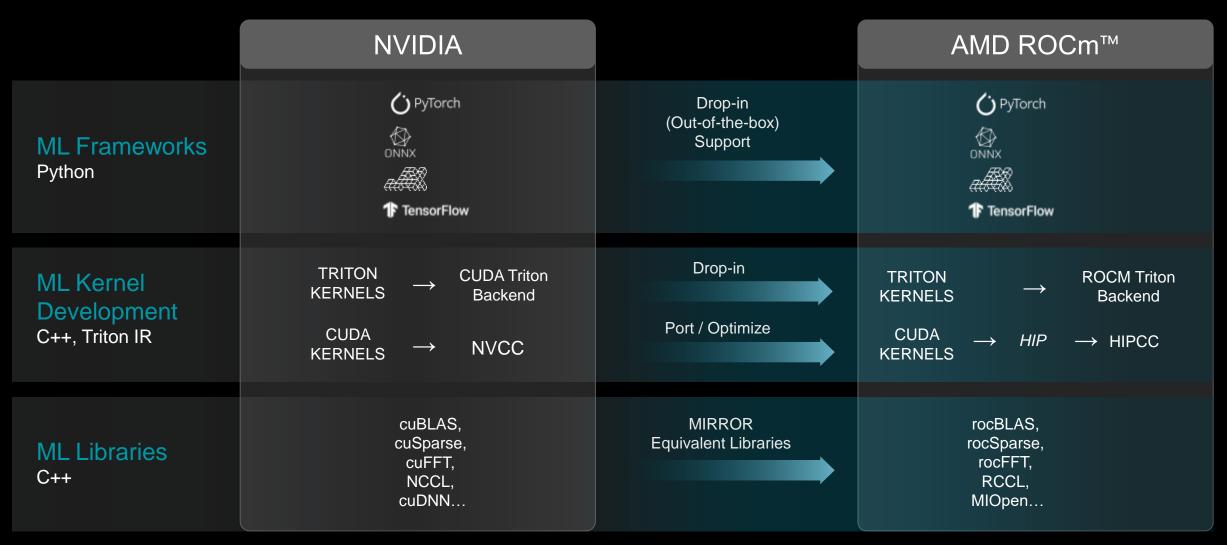


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Compatibility?

Compatibility!

Transitioning AI Workloads to AMD GPUs



ROCm[™] Software: Can You Spot a Difference?



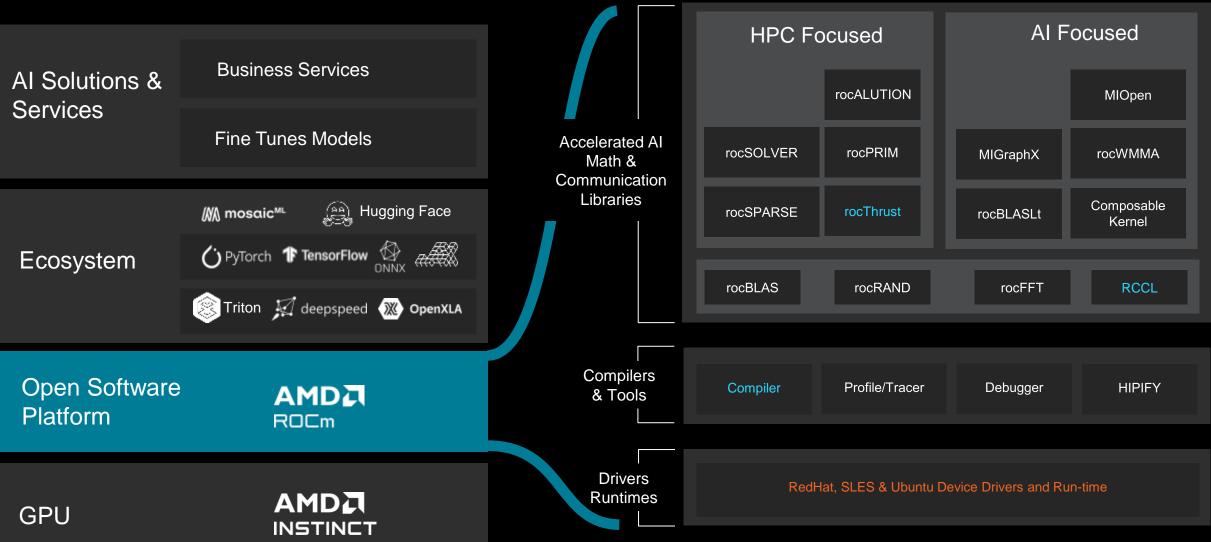
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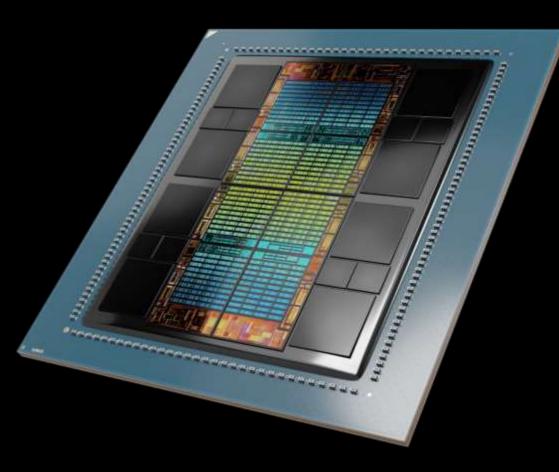
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AMD ROCm[™] Software Stack



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AND InstinctTM MI300X Leadership generative AI

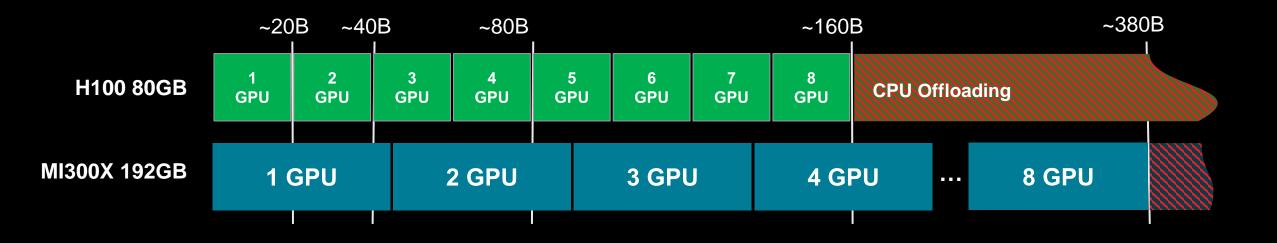
accelerator



~5.3 TB/s Memory Bandwidth (Peak Theoretical) **Up to 896** GB/s AMD Infinity Fabric[™] Bandwidth



More Memory Enables Larger Model Size in Single Node



- MI300X provides large TCO benefit by containing the same parameters in half the number of GPUs needed of H100
- MI300X supports up to 2.4x larger model sizes within a node to prevent CPU offloading

Need for two DGX H100 to match one XE9680 MI300X

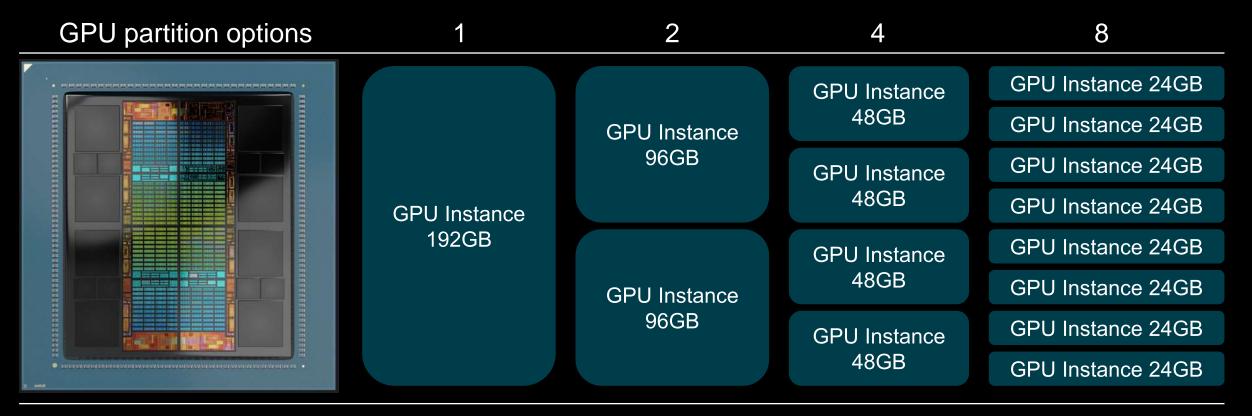
Parameter limits based on FP32 w/o Quantization

AMDL

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AMD Instinct[™] MI300X GPU Partitioning

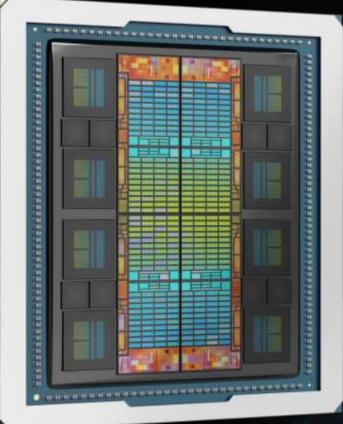
Enabled multiple workloads for optimal GPU utilization



Partitioning mode selected applies to all MI300X GPUs on UBB8 Node

No AMD License Fee





Launching Today

AMD Instinct[™] MI325X GPU Extending generative AI leadership

256GB HBM3E 1.8x memory 6TB/s 1.3x bandwidth **1.3 PF** 1.3x FP16 2.6 PF 1.3x FP8



Compared to Nvidia H200. See endnotes MI325-001a, MI325-002.



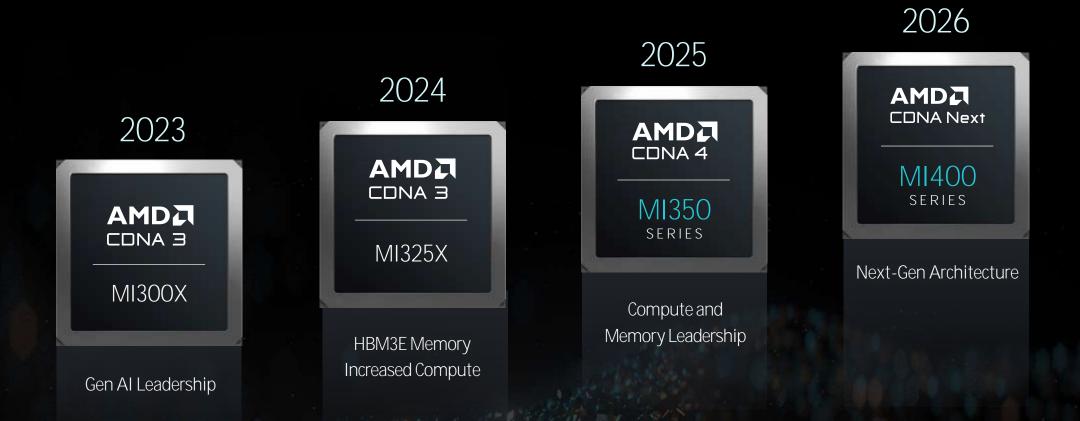
Previewing today

AMD Instinct[™] MI350 Series Continued Gen AI Leadership

3nm Process Node Up to 288GB HBM3E FP4 / FP6 Datatype Support AMD

Planned availability 2H 2025

Leadership roadmap commitment continues



Roadmap subject to change

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