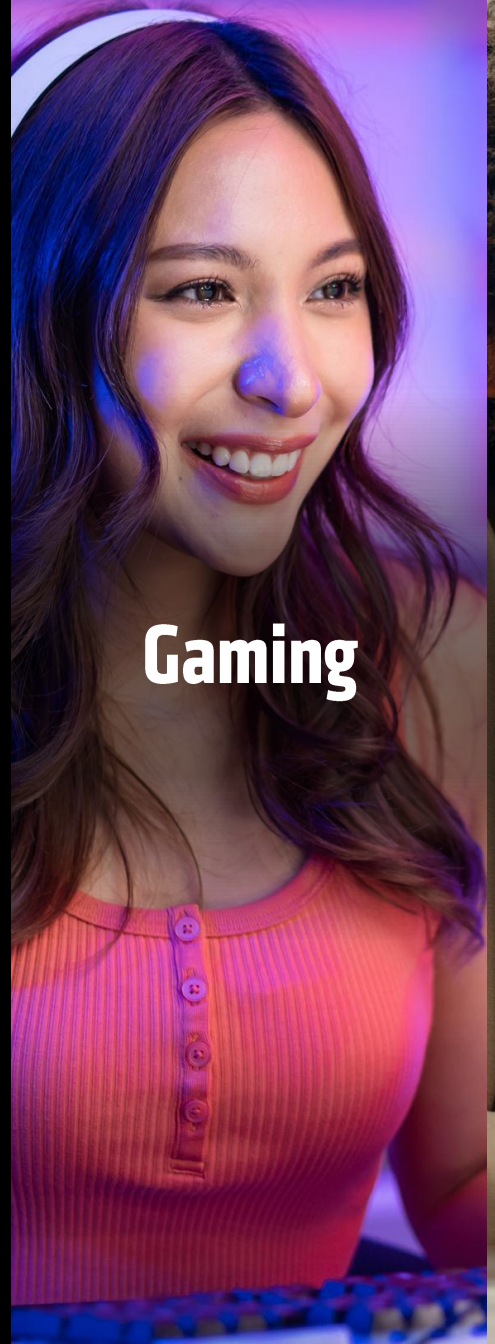
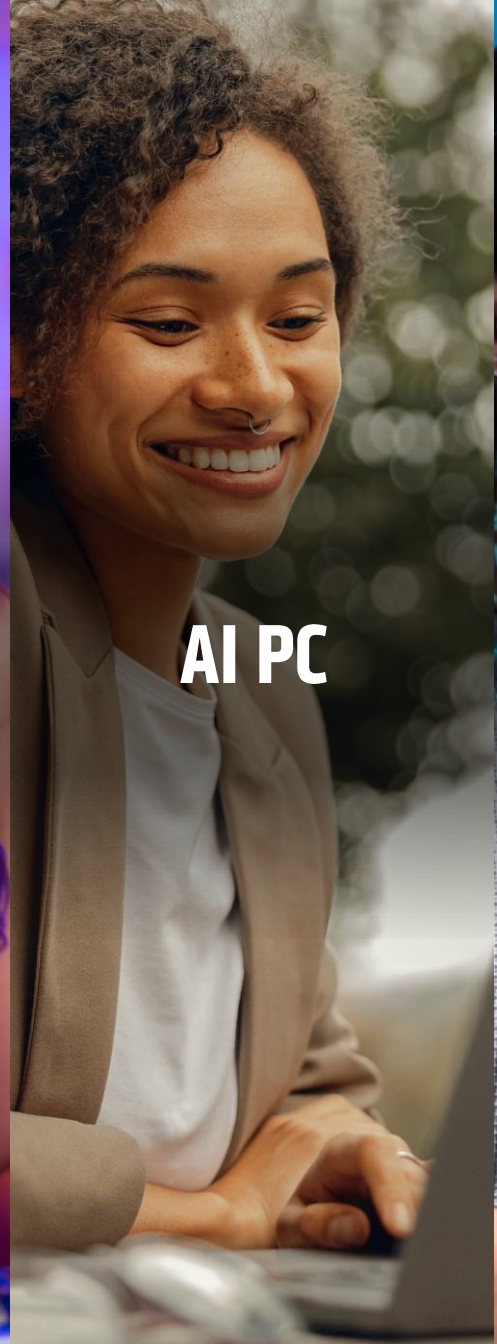
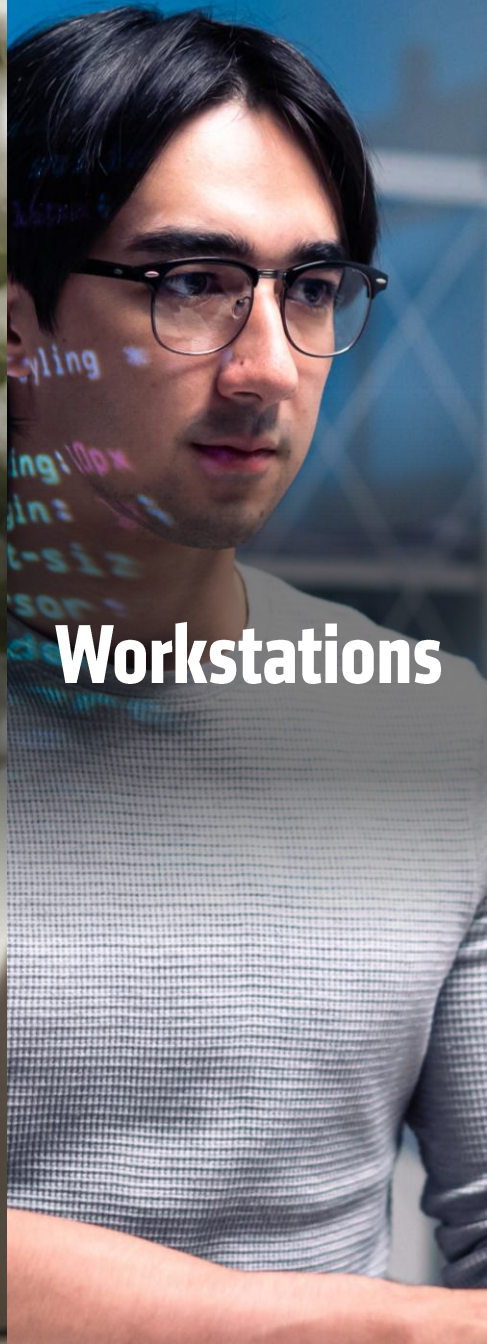
AMD @ COMPUTEX 2025

High Performance and Adaptive Computing

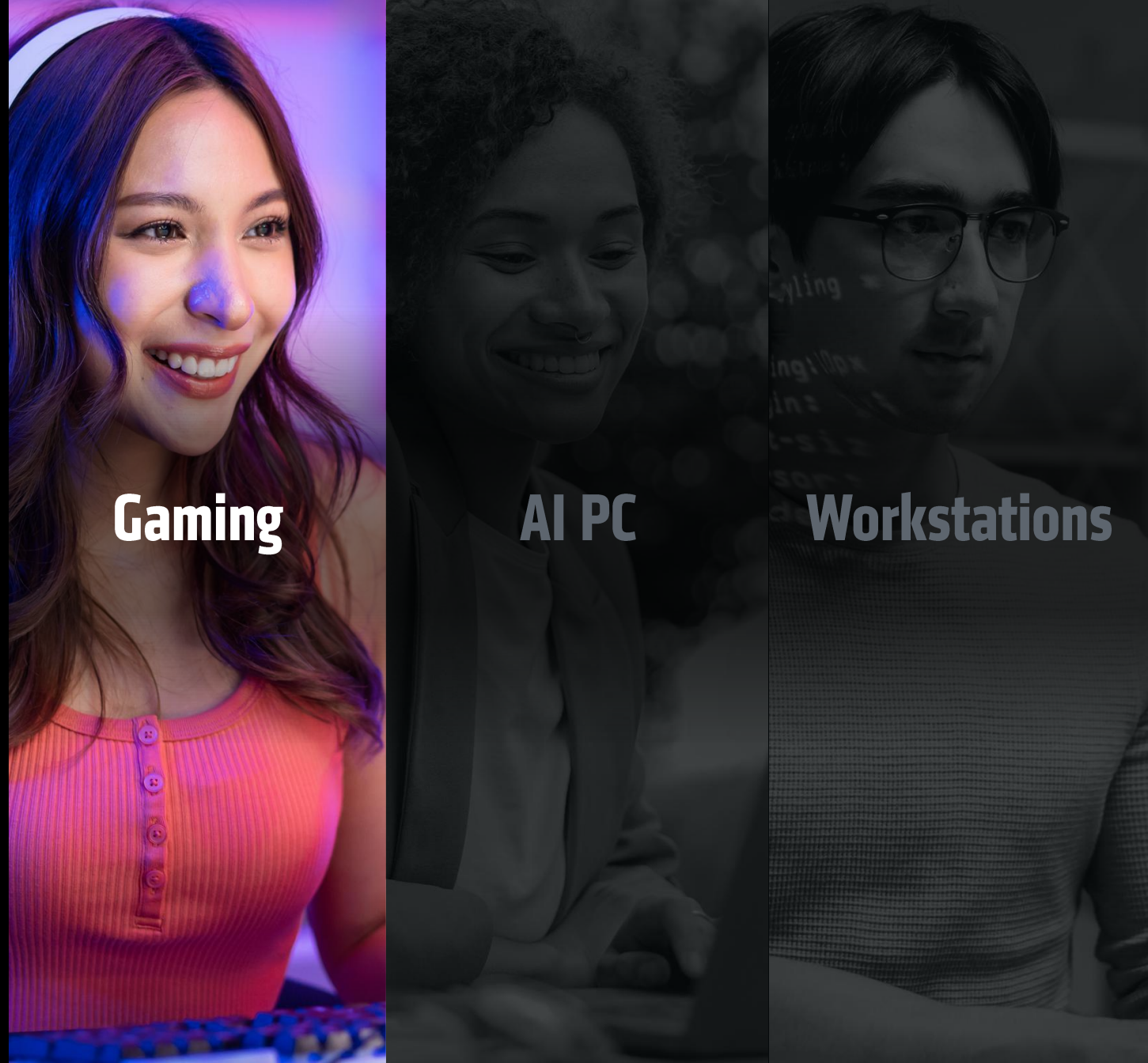
Solving the world's most important challenges







Today at **Computex**



AMD powers over 1 billion gaming devices worldwide

REPUBLIC OF GAMERS

Lenovo

SAMSUNG

TESLA

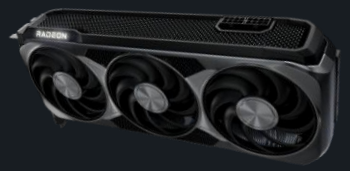
AMD RYZEN

XBOX

STEAM DECK

PS5

AMD RADEON



See Endnote: GD-250

AMD RDNA™ 4

Enthusiast level gaming for everyone

AMD FidelityFX Super Resolution 4

Machine Learning Super Resolution

AMD RDNA™ 4

Radeon™ RX 9070

Radeon™ RX 9070 XT

1H 2025

See Endnote: GD-187b

AMD FidelityFX Super Resolution 4

Machine Learning Super Resolution

AMD RDNA™ 4

Radeon™ RX 9070

Radeon™ RX 9070 XT

1H 2025

FSR 'Redstone'

powered by Machine Learning

Neural Radiance Caching

Machine Learning Ray Regeneration

Machine Learning Frame Generation

2H 2025

Expectations for FSR "Next" technology as of May 2025. See Endnote: GD-187b

Path traced gaming is intensively complex

Low Frame Rates	+	High Latency	+	High Power Consumption


Original Frame


FSR 'Redstone'
powered by Machine Learning
1
Neural Radiance Caching
Continually learns how light bounces in a scene to predict and store indirect lighting
FPS

FSR 'Redstone'

powered by Machine Learning

2

Ray Regeneration

Uses a trained neural network to regenerate pixels that could not be accurately path traced

Predicts and filters grainy noise in real time

FPS


FSR 'Redstone'
powered by Machine Learning
3
Super Resolution
Enhanced ML model to predict and reconstruct lower resolution frames to maximize perf
Upscaled in real-time
FPS

FSR 'Redstone'

powered by Machine Learning

4

Frame Generation

Introduces a new ML model that uses temporal and spatial awareness to generate frames

Increases accessibility to smoother gameplay

MAX FPS

FSR 4

Over 60 Game Titles

Available by **June 5th**

AMD Radeon™

RX 9060 XT 16GB

The world's best graphics card under $350

32 compute units

up to **821** peak AI TOPS (INT4)

up to **3.1** GHz boost clock

16 GB video memory

starting at **$349** MSRP (USD)

$350 MSRP. Prices in USD. See Endnotes RX-1201 and GD-151.

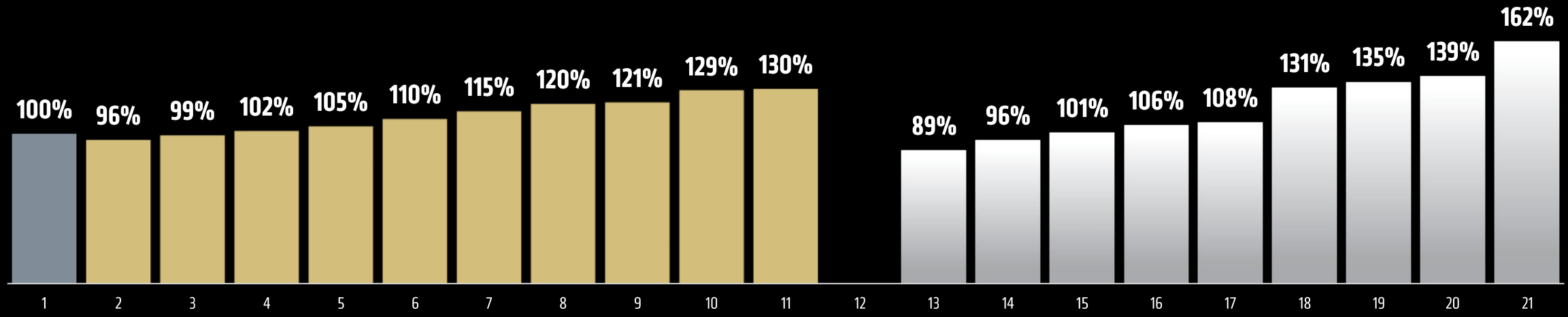
See Endnote: RX-1200

AMD Radeon™ RX 9060 XT

vs RTX 5060 Ti at 1440p Ultra Settings

1440p Ultra Gaming Performance

1440p Ultra Raytracing Performance



6% faster gaming based on 40 games tested

Nvidia GeForce RTX
5060 Ti 180W • 8GB • $379 MSRP

AMD Radeon™ RX
9060 XT 180W • 16GB • $349 MSRP

Average figures
See Endnote: RX-1200

+15%

gaming performance per dollar average across 40 games

RX 9060 XT 16GB vs. **RTX 5060 Ti** 8GB

See endnote RX-1201.

Based on MSRP as of May 2025
See Endnote: RX-1201

AMD Radeon™

RX 9060 XT

with FSR 4

starting at **$349** USD | **16**GB

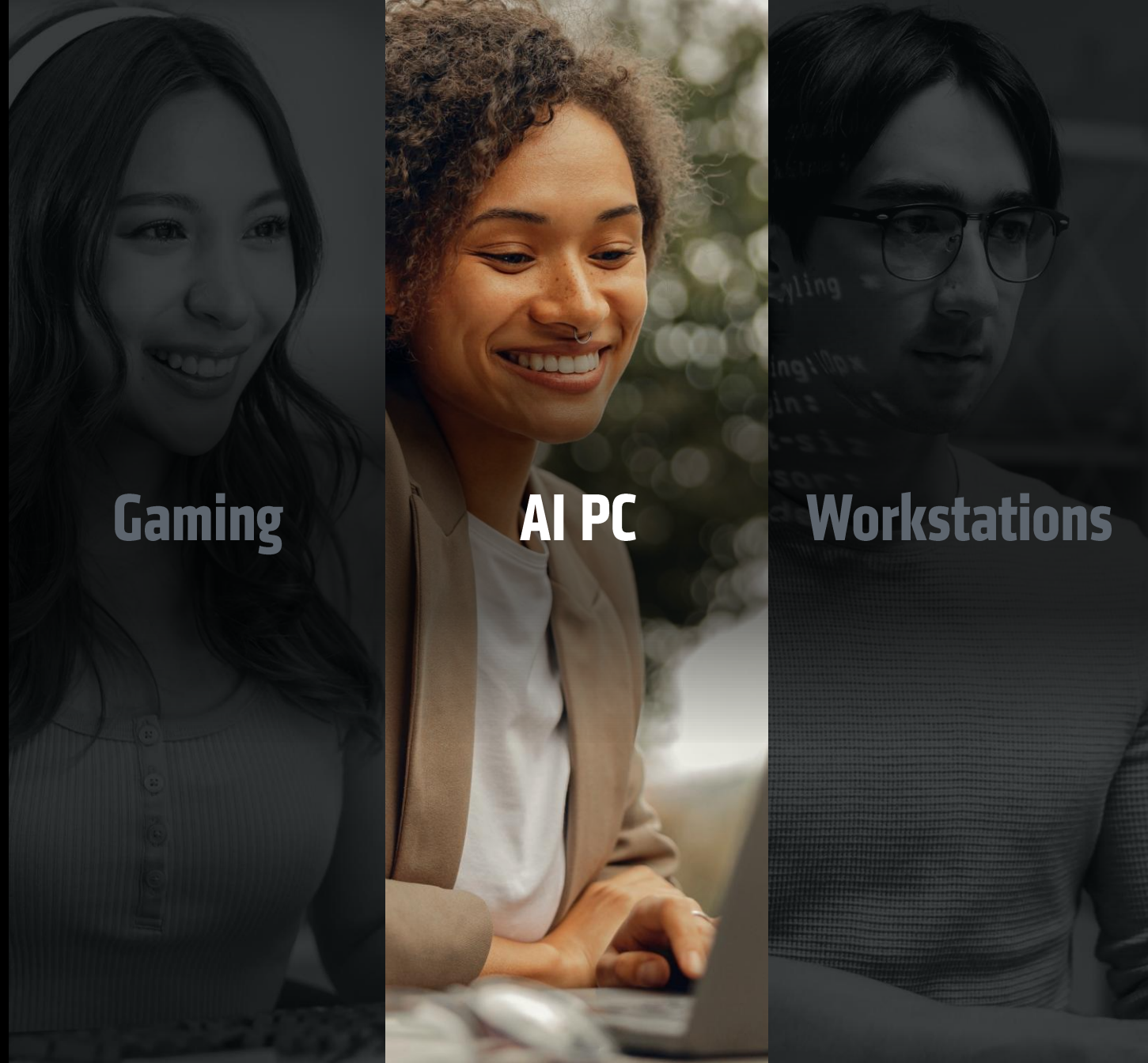
starting at **$299** USD | **8**GB

acer ASRock ASUS GIGABYTE PowerColor SAPPHIRE YESTON 盈通 XFX

Available **June 5th, 2025**

Based on MSRP as of May 2025

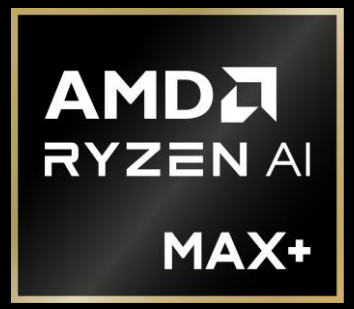
Today at **Computex**



The most powerful processors ever built for light and thin laptops

1.3x faster	1.6x faster	3.0x faster
AMD RYZEN AI 7	AMD RYZEN AI 9 HX	AMD RYZEN AI MAX+
Ryzen™ AI 7 350	**Ryzen™ AI 9 HX 370**	**Ryzen™ AI Max+ 395**
vs. Intel Core Ultra 7 258V “Lunar Lake”	vs. Intel Core Ultra 9 288V “Lunar Lake”	vs. Intel Core Ultra 9 288V “Lunar Lake”

*Running multi-threaded applications. Endnotes: KRK-25, STX-123, SHO-22



15% faster

Ryzen™ AI Max+ 395 VS. **Apple M4 Pro** (12C)

*Running multi-threaded applications. Endnotes: SHO-12

Gen AI has evolved rapidly over the past two years

2023	2025
Not multimodal	Multimodal
Fair reasoning	Advanced reasoning, capable of nuanced analysis
Limited contextual understanding	Enhanced contextual understanding
Limited real-time data integration	Real-time data integration
Low personalization and limited adaptability	Advanced personalization with user context

Small language models up to 70B parameters will play a pivotal role in the enterprise.

They are much cheaper to train, run, and maintain, and can deliver far better accuracy than general purpose LLMs for domain-specific applications.

Enterprise IT

Triple mandate

- Provide the best devices
- Keep costs in check
- Secure company data

AMD PRO

Business-Ready Technology. **Built for the Enterprise.**

Over 100 enterprise platforms with AMD PRO technology through 2025

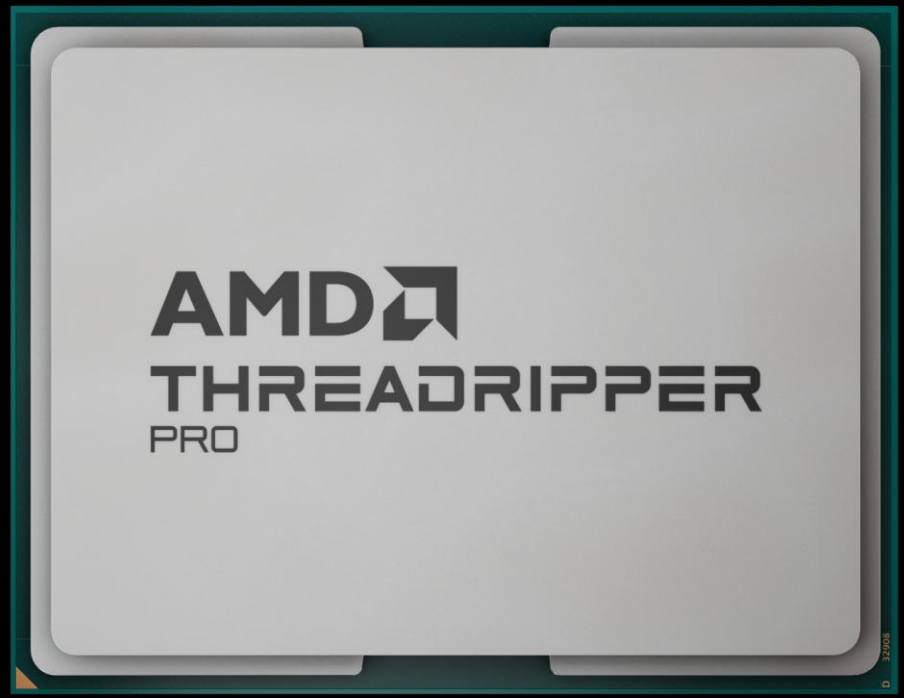
acer ASUS DELL Technologies hp Lenovo

Today at **Computex**

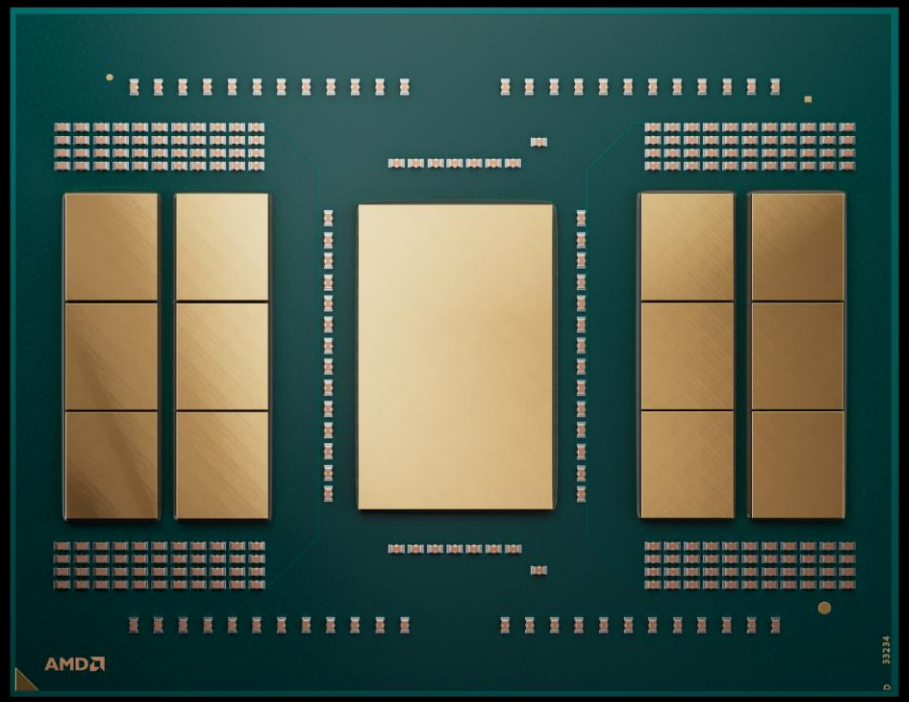
AMD Ryzen™ Threadripper™ PRO | “Shimada Peak”

9000 Series

The world’s best workstation processor



See endnotes SHP-03



AMD Ryzen™ Threadripper™ 9000 Series Processors

Up to
96 cores | 192 threads

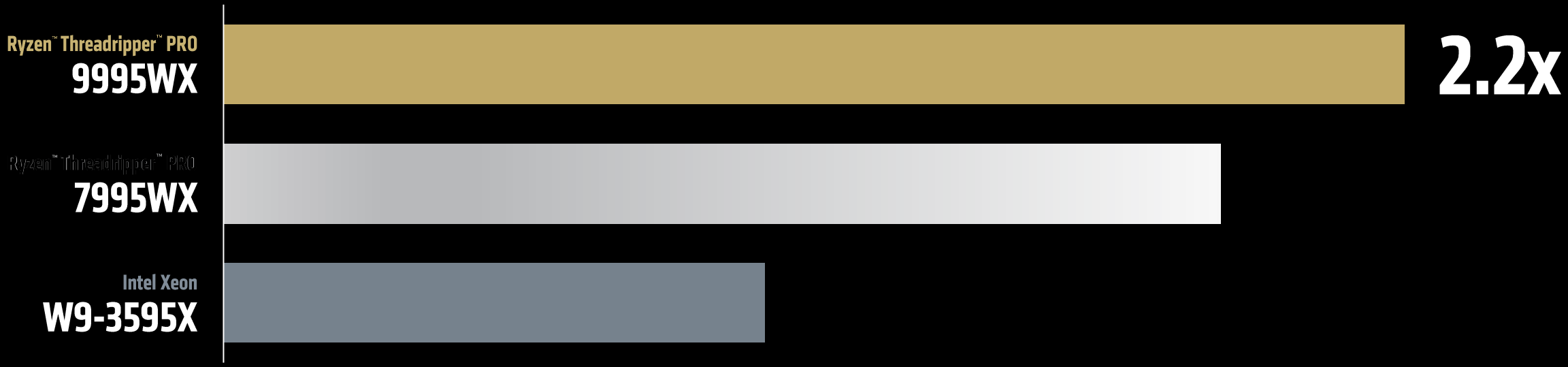
Up to
5.4GHz max boost

Up to
384MB L3 cache

128 PCIe® Gen 5 Lanes

See endnotes GD-150

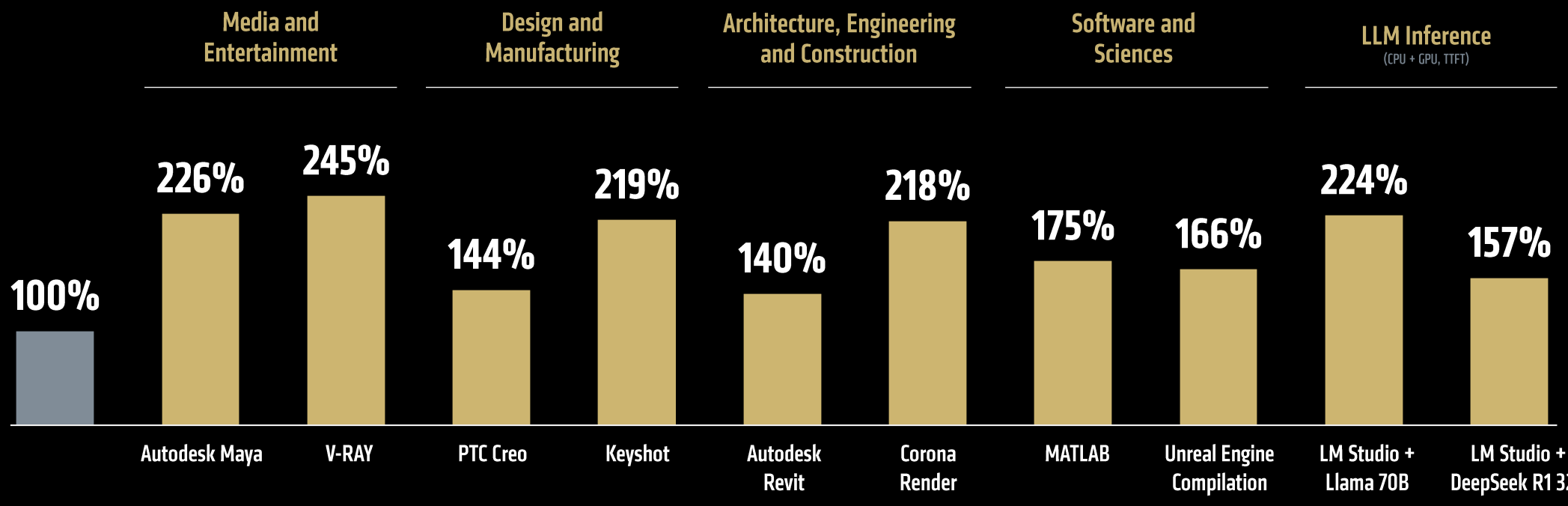
Cinebench world record for workstations



Average figures

See endnotes SHP-01

The world's best workstation processor



Intel Xeon W9-3595X

Ryzen™ Threadripper™ PRO **9995WX**

Average figures

See endnotes SHP-03, SHP-05

ROCm

The open platform for compute acceleration

Developers demand a great software experience

- [x] Ease of use
- [x] Out-of-box experience
- [x] Regular updates

We’re adding broader support for the latest products

ROCm | Product Updates

NEW

Ryzen™ AI MAX

NEW

Radeon™ RX 9000 Series

Radeon™ PRO W7000 Series

Radeon™ RX 7000 Series

Simplifying the experience with in-box support for Linux

ROCm | Linux Updates

2H 2025

Red Hat EPEL

Extra Packages for Enterprise Linux

2H 2025

Ubuntu

NEW

OpenSuse

Fedora

Expanding open acceleration with full Windows support

ROCm | Windows Updates

NEW

Pytorch
Preview **Q3 2025**

PyTorch

NEW

ONNX-EP
Preview **July 2025**

HIP SDK

Linux in Windows WSL

Unlocking higher quality AI models at the edge

Text to Image

Prompt

Wide and low angle shot of Taiwanese male wearing a shirt that says “Computex” while holding a laptop. Background is a gradient of red, pink, and orange

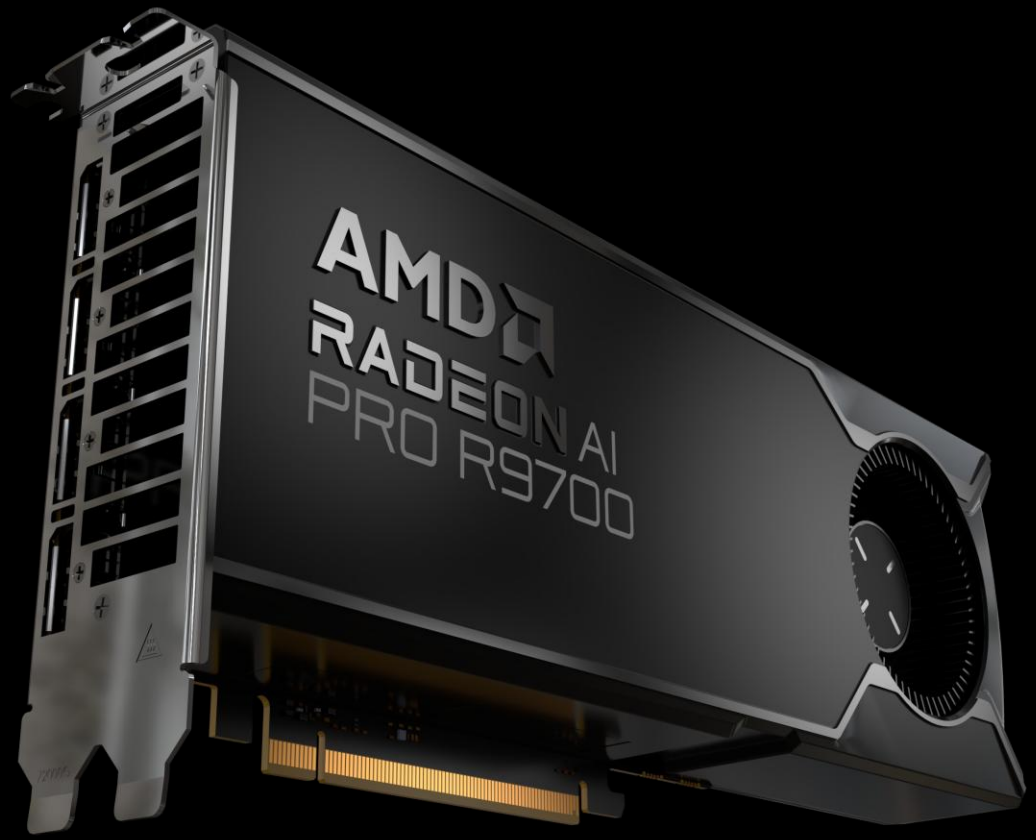
1B • FP16

8B • FP16

AMD Radeon™ AI

PRO R9700

Designed for professional AI at the edge



128 AI Accelerators

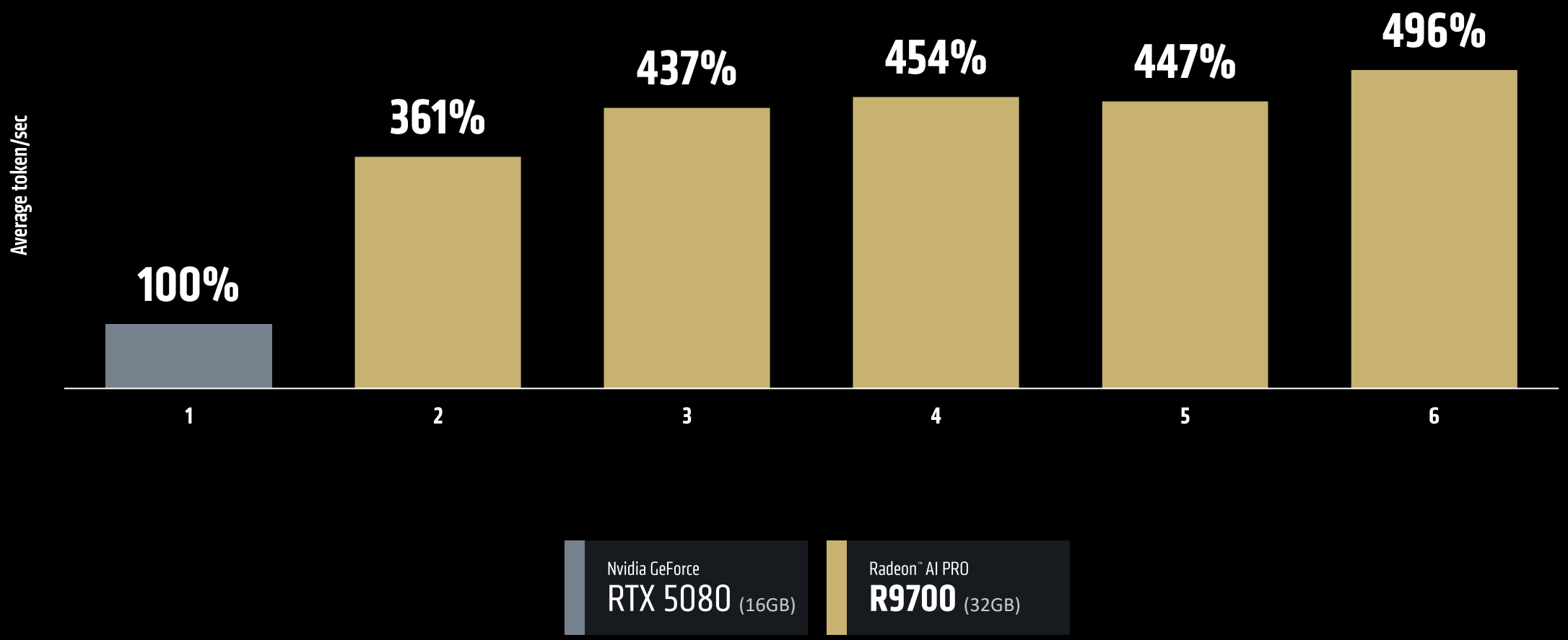
32GB GDDR6

Up to
96 TFLOPS
Peak Half-Precision

Up to
1531 TOPS
INT4 Sparse

300W TDP

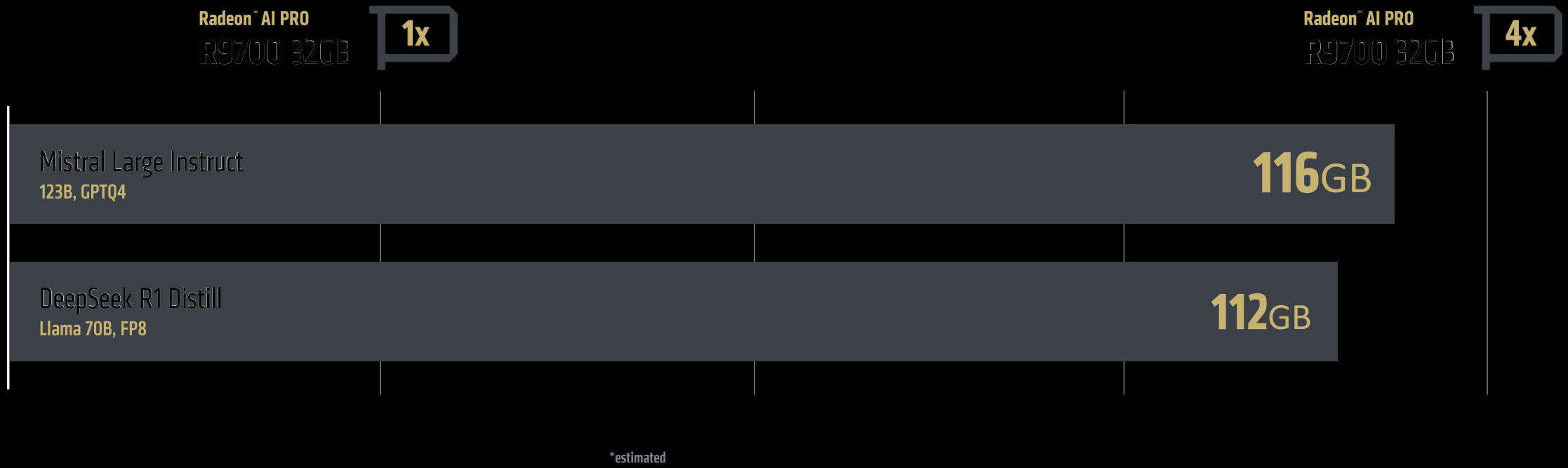
32GB VRAM for larger AI models



See endnotes RPW-495

Next-Gen Scalability

Multi-GPU PCIe® 5 platform



The world's most powerful workstation platform for AI developers building next generation models

AMD Ryzen™ Threadripper™ PRO

9000 Series

AMD Radeon™ AI PRO

R9700

Available **July 2025**


AMD

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Endnotes: FRG, GNR, RPW, KRK, STX

FRG-01: Testing by AMD as of March 2025 on the following systems (best performance mode enabled): (1) an MSI Raider A18 notebook equipped with the AMD Ryzen™ 9 9955HX3D (75W), 64GB RAM, RTX 4090 GPU, and VBS ON versus (2) Acer Predator equipped with the Intel Core i9 14900HX (55W), 32GB RAM, RTX 4090 GPU, and VBS ON.Performance uplift based on the average of results from the following benchmarks: PC Mark 10, POV-Ray, Procyon Office productivity, 7-Zip, Phoronix Encode, LM Studio, Handbrake, Blender, Geekbench, Cinebench 2024, and V-Ray. System manufacturers may vary configurations, yielding different results. FRG-01.

GNR-27: Testing as of Nov 2024 by AMD Performance Labs using the following game titles tested at 1080p high settings: Black Myth: Wukong, Avatar: Frontiers of Pandora, Hogwarts Legacy, Call of Duty: Black Ops, Starfield, CyberPunk 2077, Counter Strike 2, Finaly Fantasy XIV, Hitman 3, Warhammer 20,000: Space Marine 2, Watch Dogs: Legion, Far Cry 6, Ashes of the Singularity. Both AMD Ryzen 9 9950X3D and Ryzen 7 7950X3D systems configured as follows: GIGABYTE X870E AORUS MASTER, 32GB DDR5-6000, Nvidia RTX 4090, KRAKEN X63, Win 11 Pro 26100, VBS ON, SAM/REBAR ON. System manufacturers may vary configurations, yielding different results. GNR-27.

GNR-31: Testing as of Nov 2024 by AMD Performance Labs using the following game titles tested at 1080p high settings: Black Myth: Wukong, Avatar: Frontiers of Pandora, Hogwarts Legacy, Call of Duty: Black Ops, Starfield, CyberPunk 2077, Counter Strike 2, Final Fantasy XIV, Hitman 3, Warhammer 20,000: Space Marine 2, Watch Dogs: Legion, Far Cry 6, Ashes of the Singularity. Both AMD Ryzen 9 9950X3D and Ryzen 7 7950X3D systems configured as follows: GIGABYTE X870E AORUS MASTER, 32GB DDR5-6000, Nvidia RTX 4090, KRAKEN X63, Win 11 Pro 26100, VBS ON, SAM/REBAR ON. System manufacturers may vary configurations, yielding different results. GNR-31.

RPW-495: Testing as of May 2025 by AMD. Average tokens per second of three runs, dropping edge cases where the model starts spiraling (more than 2k thinking tokens) to standardize response length. No speculative decode. All tests conducted on LM Studio 0.3.15 (Build 11). Vulkan Llama.cpp 1.28 used for AMD, NVIDIA-recommended CUDA 12 llama.cpp 1.30 with Flash Attention used for NVIDIA. Short Prompt: "How long would it take for a ball dropped from 10 meter height to hit the ground?" Long Prompt: "Summarize the following in exactly five lines: [Insert Scene 1 Act 1 of Romeo and Juliet]. Models tested: Phi 3.5 MoE Q4 K M, Mistrall Small 3.1 24B Instruct 2503 Q8, Deepseek R1 Distill Qwen 32B Q6, Qwen 32b Q6. System specifications: AMD Ryzen™ 9 7900X, 32GB DDR5 RAM 6000 MT/s, Windows 11 PRO 24H2, AMD Radeon™ AI PRO R9700 32GB using Adrenalin 25.6.1 RC vs AMD Ryzen™ 9 7900X, 32GB DDR5 RAM 6000 MT/s, Windows 11 PRO 24H2 with NVIDIA GeForce RTX 5080 and GeForce 576.4 drivers. Performance may vary. RPW-495.

RPW-497: Testing as of May 2025 by AMD using Qwen 3 32b Q6 benchmark. Tested on a System with AMD Ryzen 9 7900X CPU , Radeon AI PRO R9700 GPU, 32GB DDR5 RAM, 1TB Storage, Windows 11 PRO 24H2, Adrenalin 25.6.1 RC drivers, ComfyUI - PyTorch 2.4 on Windows vs. a similarly configured system with with NVIDIA GeForce RTX 5080 16GB GPU, GeForce 576.4 drivers, ComfyUI – CUDA. System configurations may vary yielding different results. RPW-497.

KRK-25: Testing as of January 2025 by AMD using Cinebench R24 nT. Tested in Balanced Mode with VBS ON. AMD Ryzen AI 7 350: ASUS Vivobook S14, 28W TDP, AMD Radeon 860M graphics, 24GB RAM, 1TB SSD, Win 11 26100. Qualcomm X Plus X1P64100: Dell Inspiron 14 Plus, Adreno GPU, 16GB RAM, 512GB SSD, Win 11 26100. Intel Core Ultra 7 258V (17W): ASUS Vivobook S 14, Intel Arc 140V GPU, 32GB RAM, 1TB SSD, Win 11 26100. The term "class" is defined as Copilot+ PC laptops with similar TDP and price points. Laptop manufacturers may vary configurations yielding different results. KRK-25.

STX-123: Testing as of Nov. 2024 by AMD using Cinebench R24, Geekbench 6.3, Handbrake, Passmark CPU Mark, and Blender CPU Classroom benchmarks. Configurations: AMD Ryzen AI 9 HX 370, ASUS Zenbook S 16, 32GB RAM, 1TB SSSD, Win11 26100; and Intel Core Ultra 9 288V: ASUS Zenbook S 14, 32GB RAM, 1TB SSD. Both tested in Balanced mode with Fan performance and VBS On. Class of processor is defined as x86 processor with similar TDP. Laptop manufactures may vary configurations yielding different results. STX-123.

Endnotes: SHO, SHP

SHP-01: Cinebench 2024 (1T and nT) benchmark to compare the performance of an AMD Ryzen Threadripper PRO 9995WX and previous generation 7995WX processor in a reference system configured with 8x 64GB DDR5 memory, Nvidia RTX PRO 6000 Blackwell graphics, 1TB SSD, Win 11 vs. a similarly configured BOXX workstation with an Intel Xeon W9-3595X processor. Workstation manufacturers may vary configurations, yielding different results. Results may vary. SHP-01.

SHP-03: V-Ray Benchmark 6 (CPU, ksamples), Keyshot Viewer 2024.2 benchmark, Corona Render (Rays/sec) benchmark 10, PugetBench Premiere Pro and After Effects, SPECapc Autodesk Maya 2024, SPECapc PTC Creo, Autodesk Revit, Unreal Engine 5.5 Compilation, Chromium Compilation 133.0.6868.0 and MATLAB benchmarks to compare the performance of the AMD Ryzen Threadripper PRO 9995WX processor in a reference system configured with 8x 64GB DDR5 memory, Nvidia RTX PRO 6000 Blackwell graphics, 1TB SSD, Win 11 vs. a similarly configured 7995WX, and a similarly configured BOXX workstation with the Intel® Xeon® W9-3595X processor. Workstation manufacturers may vary configurations, yielding different results. Results may vary. SHP-03.

SHP-05: LM Studio + Mistral 123B (GPU), LM Studio + Llama 70B and LM Studio + DeepSeek R1 (CPU/GPU) benchmarks to compare the performance of the AMD Ryzen Threadripper PRO 9995WX processor in a reference system configured with 8x 64GB DDR5 memory, Nvidia RTX PRO 6000 Blackwell graphics, 1TB SSD, Win 11 vs. a similarly configured BOXX workstation with the Intel® Xeon® W9-3595X processor. Workstation manufacturers may vary configurations, yielding different results. Results may vary. SHP-05.

SHO-12: Testing as of Dec 2024 using the following benchmarks compared to Apple M4 Pro (12 core and 14 core CPU models): Cinebench 2024 nT, Blender, Corona, Vray, Davinci Resolve, and Handbrake. Next Gen AI PC defined as a PC with a minimum 40 TOPS NPU. Configuration for AMD Ryzen™ AI Max+ 395 processor: AMD reference board, Radeon™ 8060S graphics, 32GB RAM, 1TB SSD, VBS=ON, Windows 11.
Configuration for Apple M4 Pro (14”/12 core CPU and 16”/14 core CPU): Apple Macbook Pro 2024, 16/20 core GPU, 48GB RAM, macOS Sequoia (x64) Build 15.1.1. Laptop manufacturers manufactures may vary configurations yielding different results. SHO-12

SHO-22: Testing by AMD as of February 2025 using the following benchmark scores compared to an Intel Core Ultra 9 288V: Cinebench 2024, Blender, Vray, and Corona. Configuration for AMD Ryzen™ AI Max+ 395 processor (55W): Asus ROG Flow Z13, Radeon™ 8060S graphics, 32GB RAM, 1TB SSD, VBS=ON, Windows 11. Configuration for Intel Core Ultra 9 288V (30W): ASUS Zenbook X 14, Intel Arc Graphics, 32GB RAM, 1TB SSD, Microsoft Windows 11 Home. Laptop manufacturers manufactures may vary configurations yielding different results. SHO-22.

SHO-24: Testing by AMD as of February 2025 using the following benchmarks compared to Apple M4 Pro (12 core and 14 core CPU models): Blender, Corona, and Vray. Configuration for AMD Ryzen™ AI Max+ 395 processor (55W): Asus ROG Flow Z13, Radeon™ 8060S graphics, 32GB RAM, 1TB SSD, VBS=ON, Windows 11. Configuration for Apple M4 Pro (14”/12 core CPU and 16”/14 core CPU): Apple Macbook Pro 2024, 16/20 core GPU, 48GB RAM, macOS Sequoia (x64) Build 15.1.1. Laptop manufacturers manufactures may vary configurations yielding different results. SHO-24.

Endnotes: RX

RX-1200: Testing done by AMD performance labs May 2025, on a test system configured with Ryzen 7 9800X3D CPU, 32 GB DDR5-6000 Memory, Windows 11 Pro and Radeon RX 9060 XT 16GB (Driver 25.5.1) vs. a similarly configured system with an RTX 5060 Ti 8GB (Driver 576.28) comparing gaming performance at 1440p in the following applications: Alan Wake 2 (DX12, High), Assassin's Creed Mirage (DX12, Ultra High), Avatar: Frontiers Of Pandora (DX12, Ultra), Baldur's Gate 3 (DX12, Ultra), Black Myth: Wu Kong (DX12, Cinematic), Borderlands 3 (DX12, Badass), Call Of Duty: Black Ops 6 (DX12, Extreme), Cyberpunk 2077 (DX12, Ultra), Cyberpunk 2077 (DX12, RT Ultra), DOOM Eternal (Vulkan, Ultra Nightmare), DOOM Eternal (Vulkan, RT Ultra Nightmare), DOOM the Dark Ages (Vulkan, RT Ultra Nightmare), Dragon Age: The Veilguard (DX12, Ultra), Dragon Age: The Veilguard (DX12, Ultra RT), Dying Light 2 Stay Human (DX12, High), Dying Light 2 Stay Human (DX12, High RT), F1 24 (DX12, Ultra High), F1 24 (DX12, Ultra High, RT High), Far Cry 6 (DX12, Ultra), Far Cry 6 (DX12, Ultra RT), Forza Horizon 5 (DX12, Extreme), Forza Horizon 5 (DX12, Extreme RT), Ghost of Tsushima (DX12, Very High), God Of War: Ragnarok (DX12, Ultra), Hitman 3 (DX12, Ultra), Hitman 3 (DX12, Ultra RT), Hogwarts Legacy (DX12, Ultra), Hogwarts Legacy (DX12, Ultra RT), Horizon Forbidden West (DX12, Maxed), Horizon Zero Dawn Remastered (DX12, Very High), Indiana Jones and the Great Circle (Vulkan, Very Ultra), Kingdom Come: Deliverance 2 (DX12, Ultra), Marvel Rivals (DX12, Ultra), Marvel's Spider-Man 2 (DX12, Maxed), Metro Exodus Enhanced Edition (DX12, Extreme), Monster Hunter Wilds (DX12, High), Monster Hunter Wilds (DX12, Ultra RT), Oblivion Remastered (DX12, Ultra RT), Red Dead Redemption 2 (DX12, Ultra), Resident Evil 4 (DX12, Max), Resident Evil 4 (DX12, Max RT), S.T.A.L.K.E.R. 2: Heart of Chornobyl (DX12, Epic), Shadow of the Tomb Raider (DX12, Highest), Shadow of the Tomb Raider (DX12, Highest RT), Spiderman 2 (DX12, Maxed, Very High RT), Star Wars Outlaws (DX12, Ultra), Starfield (DX12, Ultra), The Last of Us Part 2 (DX12, Very High), The Witcher 3 (DX12, Ultra+), The Witcher 3 (DX12, RT Preset), The Last Of Us Part 1 (DX12, Ultra), Total War: Warhammer 3 (DX11, Ultra), Watch Dogs Legion (DX12, Ultra), Watch Dogs Legion (DX12, High RT). Testing conducted on with latest game builds as of May 8th, 2025. System manufacturers may vary configurations, yielding different results. RX-1200.

RX-1201: Testing done by AMD performance labs May 2025, on a test system configured with Ryzen 7 9800X3D CPU, 32 GB DDR5-6000 Memory, Windows 11 Pro and Radeon RX 9060 XT 16GB (Driver 25.5.1) vs. a similarly configured system with an RTX 5060 Ti 8GB (Driver 576.28) comparing gaming performance at 1440p in the following applications: Alan Wake 2 (DX12, High), Assassin's Creed Mirage (DX12, Ultra High), Avatar: Frontiers Of Pandora (DX12, Ultra), Baldur's Gate 3 (DX12, Ultra), Black Myth: Wu Kong (DX12, Cinematic), Borderlands 3 (DX12, Badass), Call Of Duty: Black Ops 6 (DX12, Extreme), Cyberpunk 2077 (DX12, Ultra), Cyberpunk 2077 (DX12, RT Ultra), DOOM Eternal (Vulkan, Ultra Nightmare), DOOM Eternal (Vulkan, RT Ultra Nightmare), DOOM the Dark Ages (Vulkan, RT Ultra Nightmare), Dragon Age: The Veilguard (DX12, Ultra), Dragon Age: The Veilguard (DX12, Ultra RT), Dying Light 2 Stay Human (DX12, High), Dying Light 2 Stay Human (DX12, High RT), F1 24 (DX12, Ultra High), F1 24 (DX12, Ultra High, RT High), Far Cry 6 (DX12, Ultra), Far Cry 6 (DX12, Ultra RT), Forza Horizon 5 (DX12, Extreme), Forza Horizon 5 (DX12, Extreme RT), Ghost of Tsushima (DX12, Very High), God Of War: Ragnarok (DX12, Ultra), Hitman 3 (DX12, Ultra), Hitman 3 (DX12, Ultra RT), Hogwarts Legacy (DX12, Ultra), Hogwarts Legacy (DX12, Ultra RT), Horizon Forbidden West (DX12, Maxed), Horizon Zero Dawn Remastered (DX12, Very High), Indiana Jones and the Great Circle (Vulkan, Very Ultra), Kingdom Come: Deliverance 2 (DX12, Ultra), Marvel Rivals (DX12, Ultra), Marvel's Spider-Man 2 (DX12, Maxed), Metro Exodus Enhanced Edition (DX12, Extreme), Monster Hunter Wilds (DX12, High), Monster Hunter Wilds (DX12, Ultra RT), Oblivion Remastered (DX12, Ultra RT), Red Dead Redemption 2 (DX12, Ultra), Resident Evil 4 (DX12, Max), Resident Evil 4 (DX12, Max RT), S.T.A.L.K.E.R. 2: Heart of Chornobyl (DX12, Epic), Shadow of the Tomb Raider (DX12, Highest), Shadow of the Tomb Raider (DX12, Highest RT), Spiderman 2 (DX12, Maxed, Very High RT), Star Wars Outlaws (DX12, Ultra), Starfield (DX12, Ultra), The Last of Us Part 2 (DX12, Very High), The Witcher 3 (DX12, Ultra+), The Witcher 3 (DX12, RT Preset), The Last Of Us Part 1 (DX12, Ultra), Total War: Warhammer 3 (DX11, Ultra), Watch Dogs Legion (DX12, Ultra), Watch Dogs Legion (DX12, High RT). Testing conducted on with latest game builds as of May 8th, 2025. Performance per Dollar calculations using official launch SEP pricing as of May 12, 2025. System manufacturers may vary configurations, yielding different results. RX-1201.

Endnotes: GD

GD-83: Use or mention of third-party marks, logos, products, services, or solutions herein is for informational purposes only and no endorsement by AMD is intended or implied. GD-83.

GD-122: The information contained herein is for informational purposes only and is subject to change without notice. Timelines, roadmaps, and/or product release dates shown herein are plans only and subject to change. "Granite Ridge," "Redstone," "Shimada Peak," "Strix," "Strix Halo," "Strix Point," and "Zen" are codenames for AMD architectures, and are not product names. GD-122.

GD-150: Boost Clock Frequency is the maximum frequency achievable on the CPU running a bursty workload. Boost clock achievability, frequency, and sustainability will vary based on several factors, including but not limited to: thermal conditions and variation in applications and workloads. GD-150.

GD-151: Boost Clock Frequency is the maximum frequency achievable on the GPU running a bursty workload. Boost clock achievability, frequency, and sustainability will vary based on several factors, including but not limited to: thermal conditions and variation in applications and workloads. GD-151.

GD-173a: AMD defines "All Day Battery Life" as at least 8 hours of continuous battery life and "Multi-Day battery Life" as continuous runtime above 8 hours. All battery life scores are approximate. Actual battery life will vary based on several factors, including, but not limited to: system configuration and software, settings, product use and age, and operating conditions. GD-173a

GD-187b: AMD FidelityFX Super Resolution (FSR) versions 1, 2, 3, and 4 are available on select games which require game developer integration and are supported on select AMD products. AMD does not provide technical or warranty support for AMD FidelityFX Super Resolution enablement on other vendors' graphics cards. See https://www.amd.com/en/technologies/fidelityfx-super-resolution for additional information. GD-187b.

GD-250: Based on AMD chip shipment figures, AMD has powered over 1 billion gaming devices with processors and graphics for desktop PCs, notebook PCs, and gaming consoles from 2008 to 2025. GD-250.