AMD RADEON[™] RX 9000 SERIES GRAPHICS

FEB 2025

AMD together we advance_gaming

AMDI Powers Gaming

AMD drives the most iconic Gaming Devices

Across PC, Console, Mobile, & Handheld



25 Years of Radeon™ Innovation



2000 **Radeon DDR**

The First Radeon™ GPU



2008 **Radeon HD 4870**

World's First Teraflop GPU



Radeon RX 5700 XT

Introduction of AMD RDNA™ Architecture



2002 **Radeon 9700 Pro**

Introduction of Pixel & Vertex Shaders



2015 **Radeon R9 Fury X**

World's First Gaming GPU with HBM Memory



Radeon RX 7900 XTX

Accelerated AI and Raytracing



Bring enthusiast gaming to more gamers

Raise the bar in raytracing & machine learning

Accelerate our performance per dollar leadership

The Next Chapter of Radeon™ Graphics is Here

AMD RDNA™ 4Architecture

AMD Software for RDNA 4

AMD Radeon™ RX 9000Series Graphics Cards



The AMD RDNA™ Evolution

Bringing Enthusiast PC Gaming Experiences to More Gamers

2019



AMD RONA

New Architecture
Advanced Rasterization

2020



AMD RONA 2

Raytracing High Frequency AMD Infinity Cache™ technology 2022



AMD RONA 3

Enhanced Raytracing
Al Acceleration
AMD Radiance Display™
Engine
DisplayPort 2.1

2025



AMD RONA 4

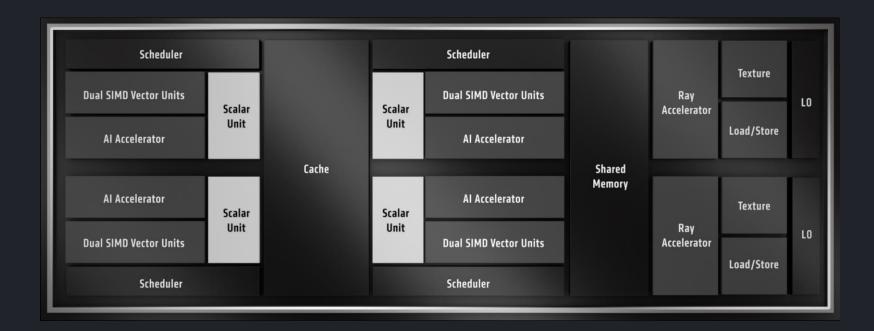
Ray and Path Tracing ML Assisted Rendering

Faster Command Processing
Advanced Shader Programming
Enhanced Memory Compression

2nd Gen AMD Radiance Display & Media Engines



AMD RDNA™ 4 Architecture The New Compute Unit



vs AMD RDNA 3

Enhanced

Memory Subsystem

Improved

Scalar Units

Dynamic

Register Allocation

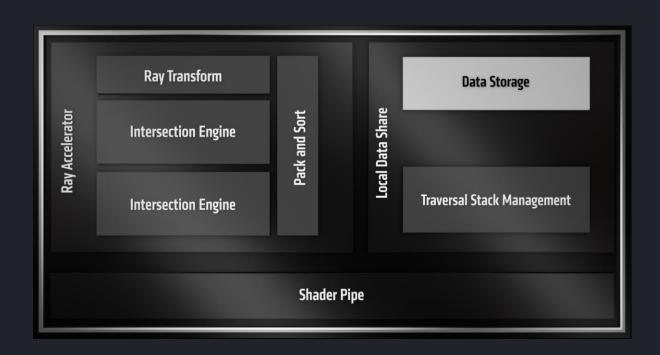
Increased

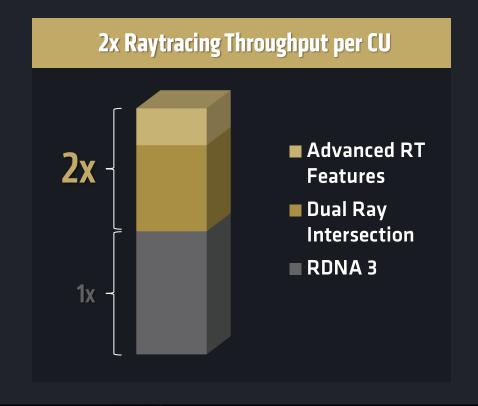
CU Efficiency & Clock Speeds

>40% Gaming Average vs RDNA 3



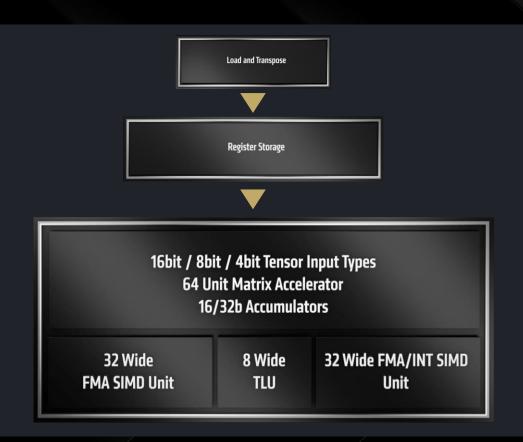
AMD RDNA™ 4 Architecture 3rd Generation Raytracing Accelerators

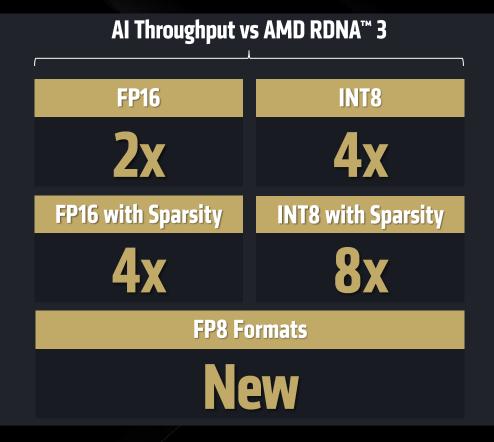






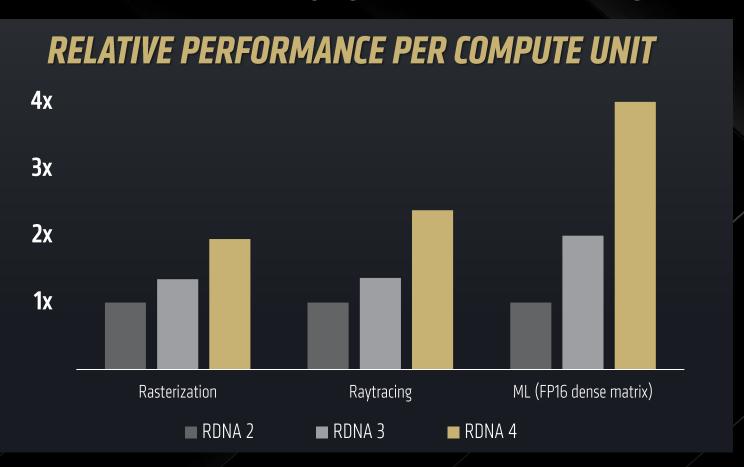
AMD RDNA™ 4 Architecture 2nd Generation Al Accelerators





AMD RDNA™ 4

Bringing Enthusiast PC Gaming Experiences to More Gamers



Improved Rasterization and Compute efficiency

A step change in Raytracing performance

Comprehensive high-performance ML support

Enhanced bandwidth efficiency

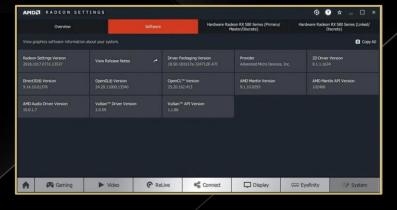
Advanced multimedia and display

RASTERIZATION PERFORMANCE BASED ON MEASUREMENTS OF CYBERPUNK ULTRA SETTINGS AT 4K RESOLUTION RUNNING BUILT IN BENCHMARK MEASURED IN AMD LAB USING ADRENALINE 24.10.1 DRIVER RAYTRACING PERFORMANCE BASED ON MEASUREMENTS OF CYBERPUNK ULTRA RT SETTINGS AT 4K RESOLUTION RUNNING BUILT IN BENCHMARK MEASURED IN AMD LAB USING ADRENALINE 24.10.1 DRIVER 6800XT (72CU), 7900XT(84CU) AND 9070XT (64CU) USED FOR REFERENCE PERFORMANCE FOR GAMING BENCHMARKS FOR RDNA2, RDNA3, RDNA4 ML PERFORMANCE IS QUOTED AS PEAK OPERATIONS PER COMPUTE UNIT FOR DENSE MATRIX OPERATIONS ASSUMING EQUAL FREQUENCY

Radeon™ Software Journey Features, Performance, and Stability



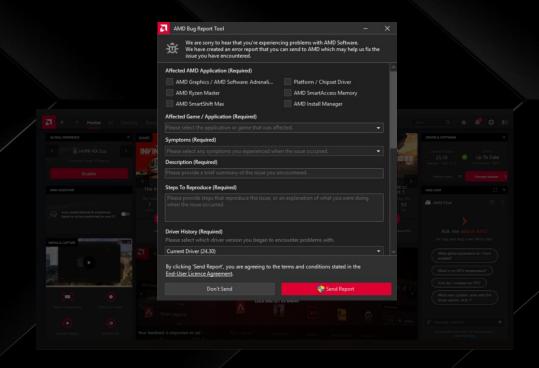








Our Focus On Quality



Since 2019

- New Al-optimized internal test processes
- Increased hardware test configurations
- Reporting tools added to AMD Software
- Introduced Beta Tester Program



AMDI HYPR-RX

Fast and Smooth Gaming

In Thousands of Games

AMDL FidelityFX Super Resolution 400+ Titles and Growing





















SATISFACTURY

SPIDER-MAN





























FSR History





AMD FSR 4 ML-POWERED UPSCALING

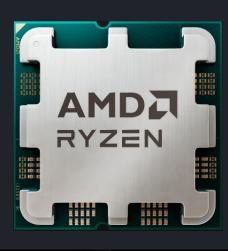
- ✓ **Developed for** AMD RDNA[™] 4
- ✓ **High Quality & Low Latency**Upscaling + Frame Gen + Anti Lag
- ✓ **Utilizes** upgradable FSR 3.1 API
- ✓ Neural Rendering Ready

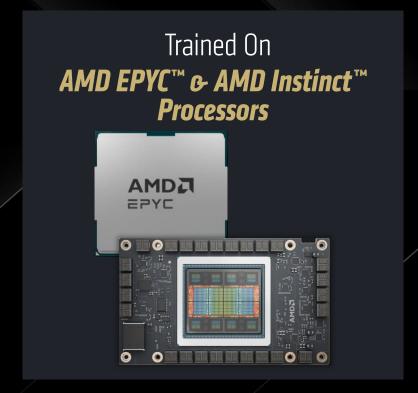
FSR 4

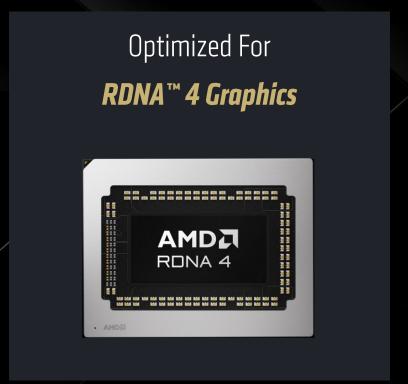
Developed, trained, and optimized on AMD

Developed With

AMD Ryzen™ & AMD Radeon™









AMD FidelityFXTM Super Resolution 4



Games at launch











































































Focusing on what Gamers want



More Accessible

85% gamers buy GPUs <\$700

Higher Resolutions

More gamers buying 1440p & 4K displays

More Performance

Including raytracing games

Easy Upgrades

Drop-in with existing PSU 8-Pin power connectors

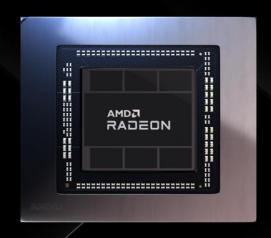
INTRODUCING

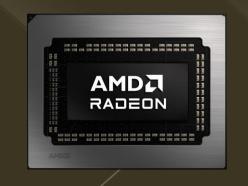
AMD Radeon[™] RX 9000 Series Graphics

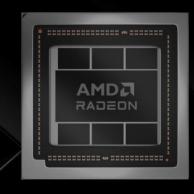
RADEON

RADEON

Built for 4K Gaming at a 1440p Price







RX 7900 XTX

96 RDNA 3 CUs 57.8B transistors

\$999 Launch

RX 7900 XT

84 RDNA 3 CUs 55.8B transistors

\$899 Launch

4K Gaming

RX 9070 Series

up to 64 RDNA 4 CUs up to 53.9B transistors

4K and 1440p Gaming

RX 7900 GRE

80 RDNA3 CUs 53.8B transistors

\$549 Launch

1440p Gaming

Introducing AMD Radeon™ RX 9070

56Compute Units

1165
Peak Al TOPS
INT4 with sparsity

2520_{MHz}

Boost Clock

16GB GDDR6 Memory

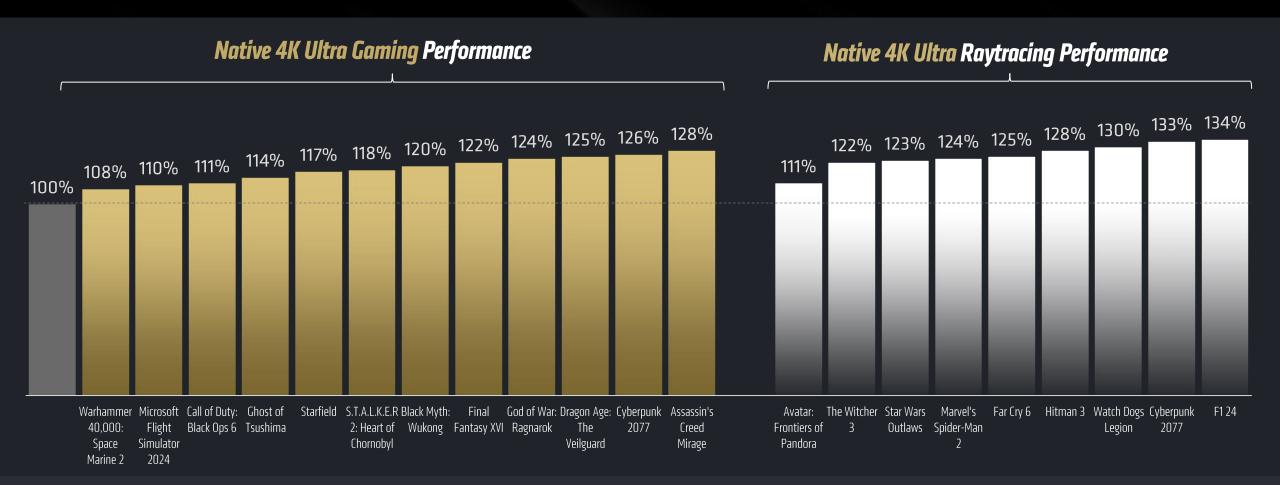
220W
Board Power

Starting at \$549 USD

AMD Radeon[™] RX 9070 vs RX 7900 GRE at 4K Ultra Settings

+21%

Faster Gaming
Average Across 30+ Games



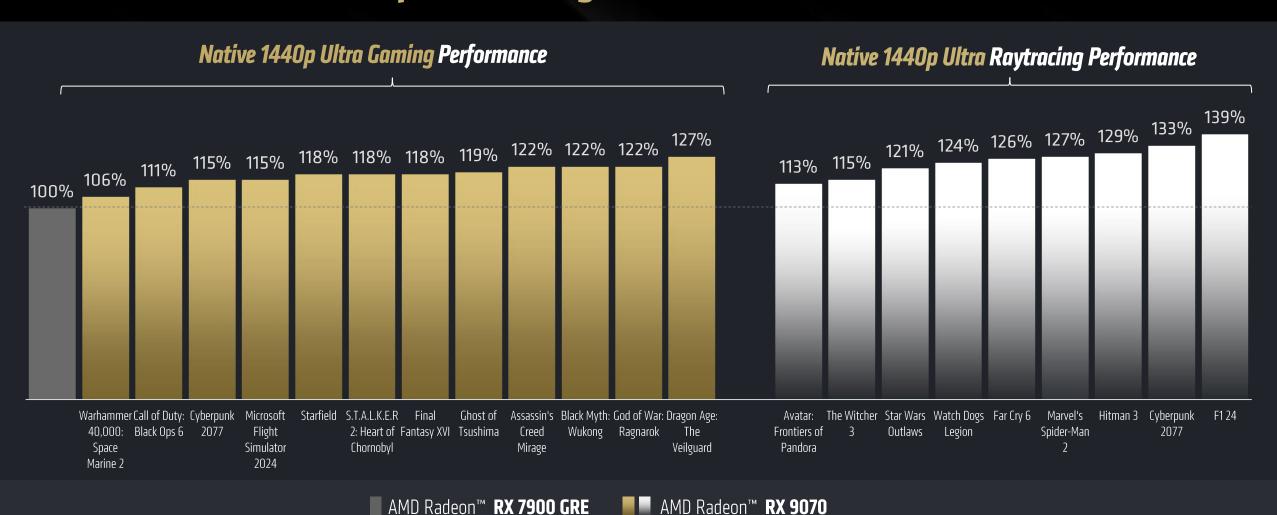
AMD Radeon™ **RX 9070**

AMD Radeon™ **RX 7900 GRE**

AMD Radeon[™] RX 9070 vs RX 7900 GRE at 1440p Ultra Settings

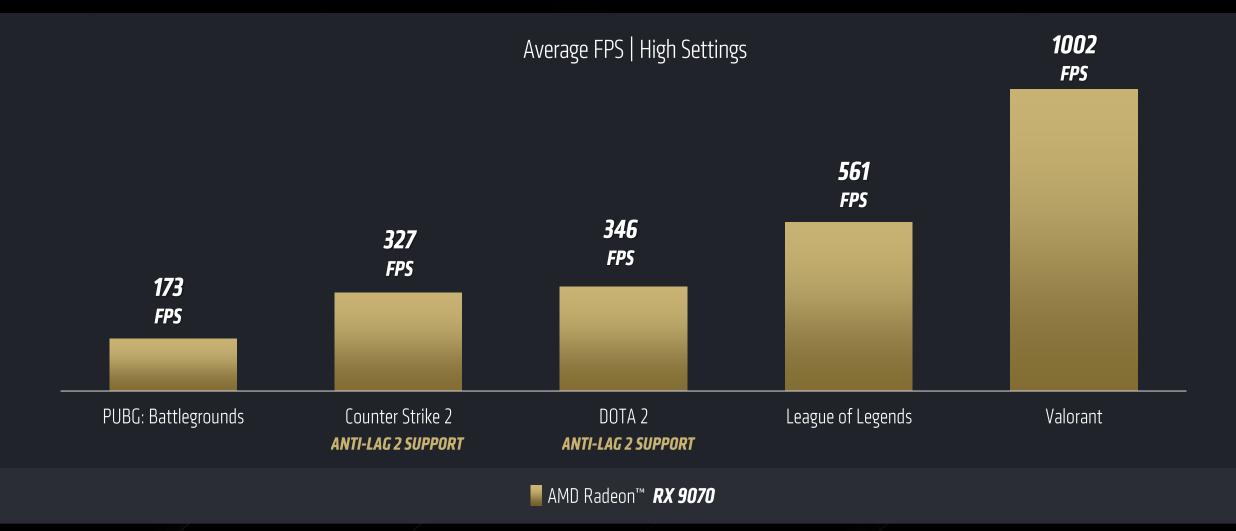
+20%

Faster Gaming
Average Across 30+ Games



See Endnote RX-1177.

High Performance 1440p Esports



Introducing AMD Radeon™ RX 9070 XT

54Compute Units

1557
Peak Al TOPS
INT4 with sparsity

2970_{MHz}
Boost Clock

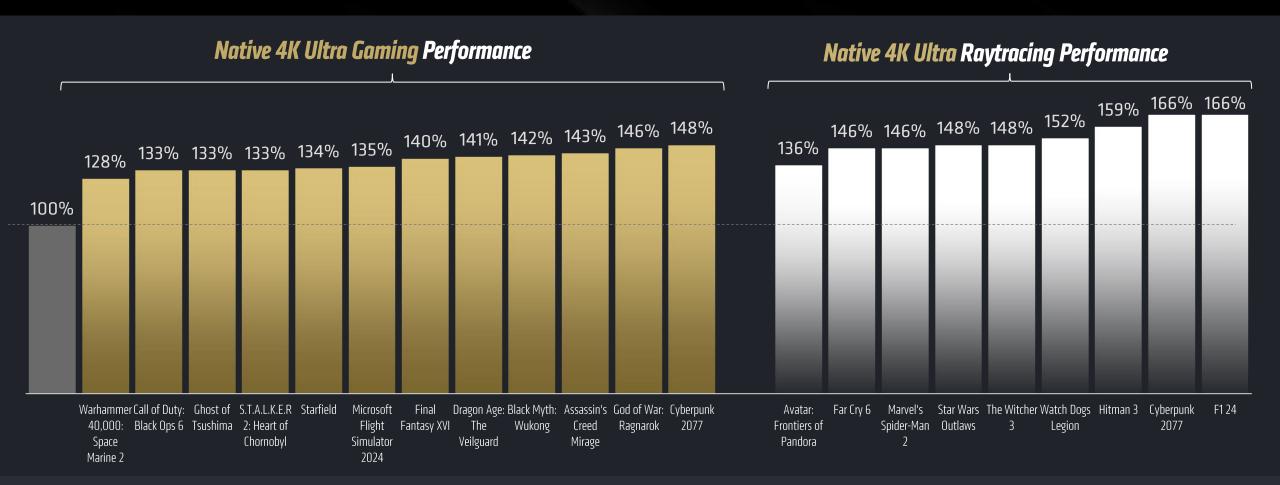
16GB GDDR6 Memory **304**_W
Board Power

Starting at \$599 USD

AMD Radeon[™] RX 9070 XT vs RX 7900 GRE at 4K Ultra Settings

+42%

Faster Gaming
Average Across 30+ Games



AMD Radeon™ **RX 7900 GRE** AMD Radeon™ **RX 9070 XT**

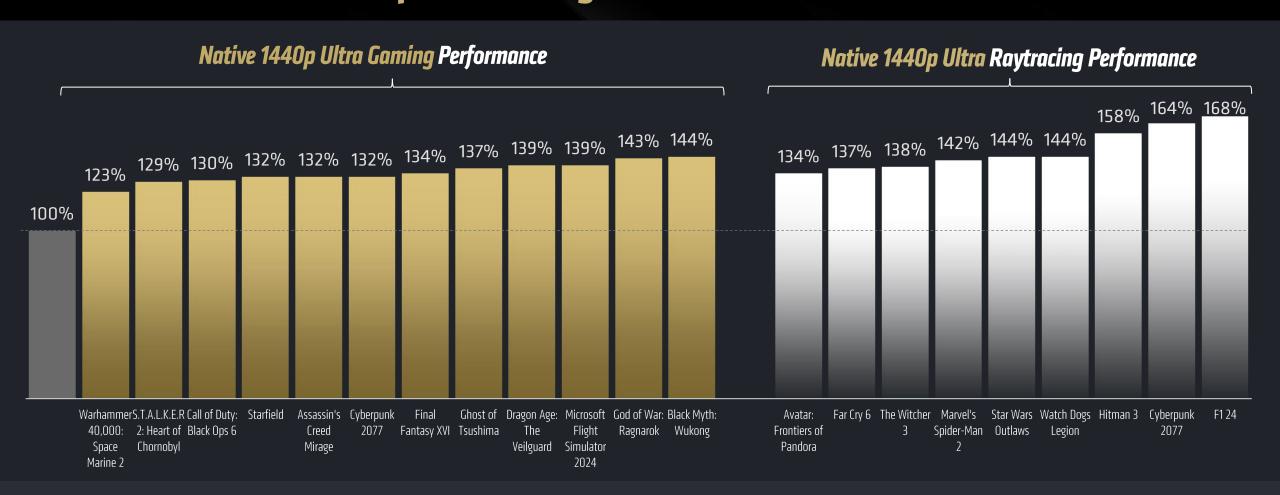
4K Performance with FSR 4



AMD Radeon[™] RX 9070 XT vs RX 7900 GRE at 1440p Ultra Settings

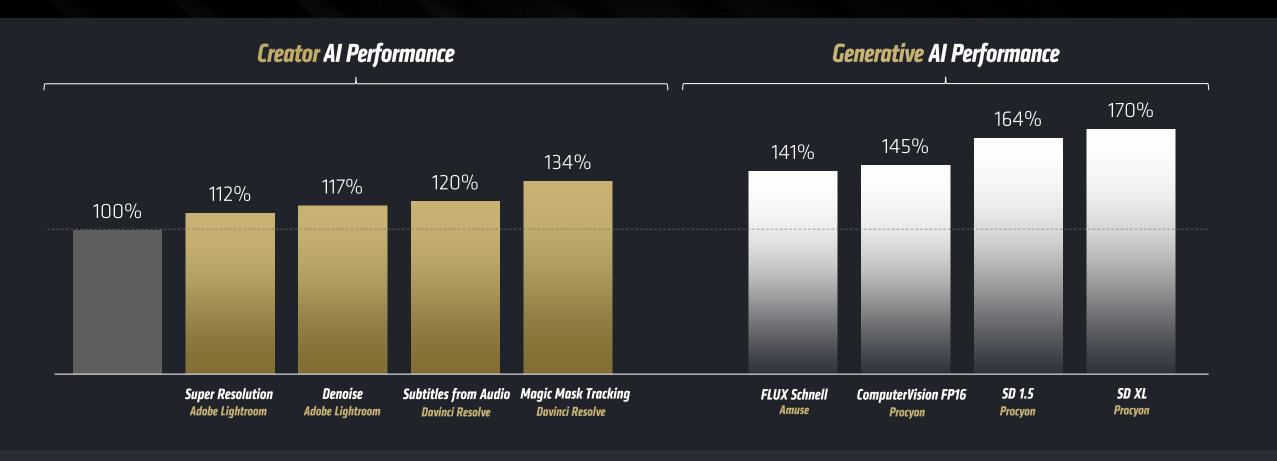
+38%

Faster Gaming
Average Across 30+ Games



AMD Radeon™ **RX 7900 GRE** AMD Radeon™ **RX 9070 XT**

Supercharged Al Performance



AMD Radeon™ RX 7900 GRE 16GB AMD Radeon™ **RX 9070 XT 16GB**



AMD Radeon™ RX 9070 XT

versus

RTX 5070 Ti



RX 9070 XT Launch price \$599 USD

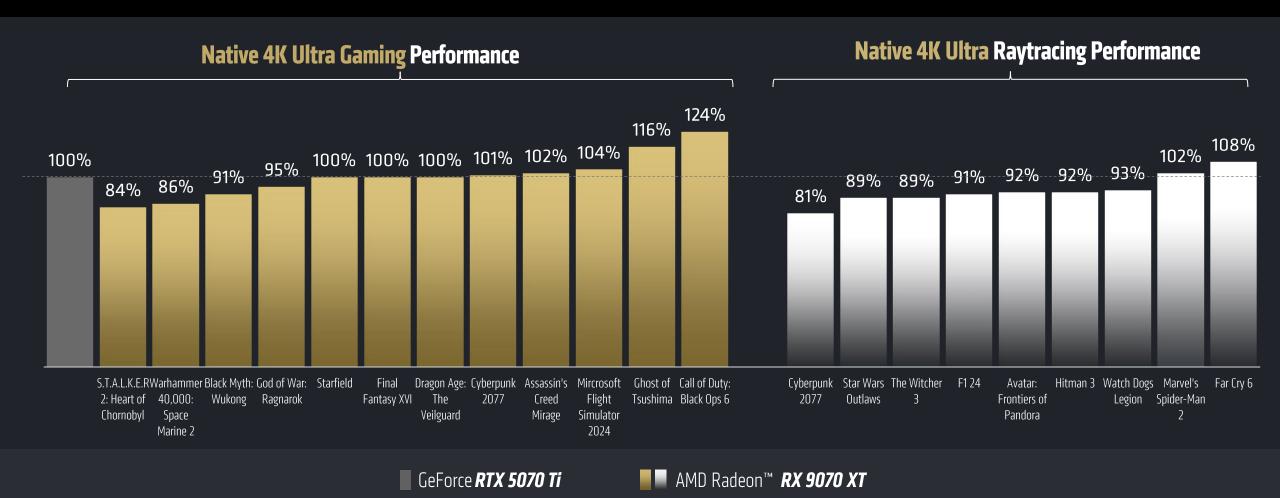


RTX 5070 Ti Launch price \$749 USD

AMD Radeon[™] RX 9070 XT vs RTX 5070 Ti

-2%

In Gaming
Average Across 30+ Games



AMD Radeon™ RX 9070 XT



Gaming Performance Per Dollar

Average Across 30+ Games



RX 9070 XT Launch Price \$599 USD

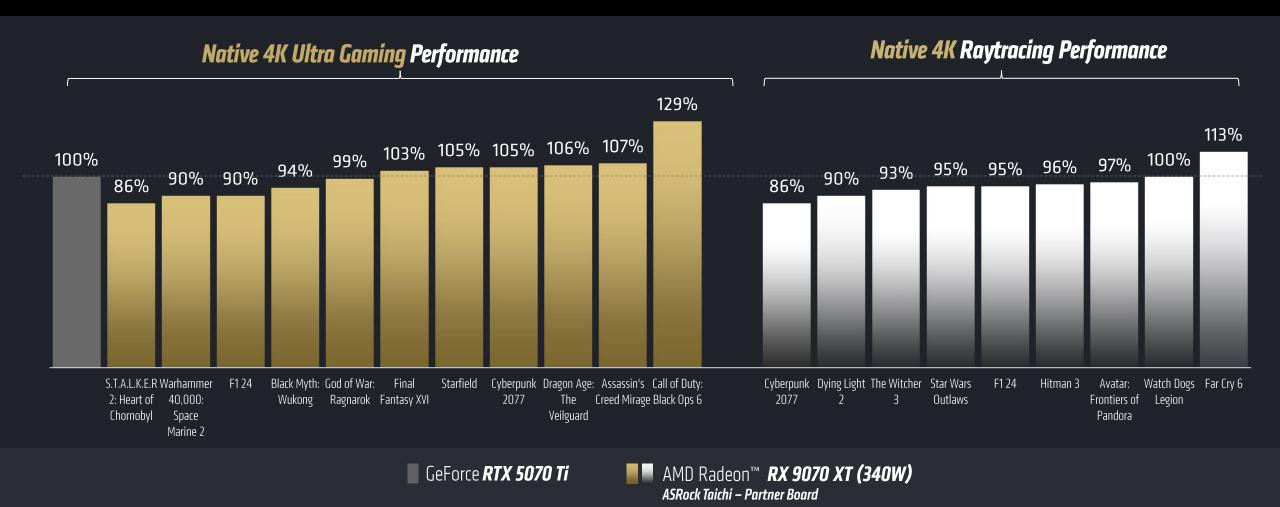


RTX 5070 Ti
Announced Price \$749 USD

AMD Radeon[™] RX 9070 XT OC vs RTX 5070 Ti

+2%

Faster Gaming
Average Across 30+ Games



The Ultimate Gaming Platform

For Gamers Everywhere



AMD Ryzen™ 9000

Worlds Best Gaming Processors



AMD Radeon™RX 9000

Worlds Best Gaming Graphics under \$600



AMD FSR 4

ML Upscaling in 30+ titles at launch



AMD Software

Features, Performance, Stability

AMD Radeon RX 9070 XT March 6 - Starting at \$599

AMD Radeon RX 9070 March 6 - Starting at \$549

AMD Radeon RX 9060 XT Coming in Q2 2025



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General Disclaimers & Ryzen - ENDNOTES

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-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-176: Video codec acceleration (including at least the HEVC (H.265), H.264, VP9, and AV1 codecs) is subject to and not operable without inclusion/installation of compatible media players. GD-176.

GD-225a: AMD HYPR-RX works on the AMD Radeon™ RX 7000 Series GPUs and newer or the Ryzen 7040 Series APUs with integrated RDNA 3 graphics and newer. AMD HYPR-RX allows various features within AMD Software interoperate, working at the same time, including Radeon Super Resolution, FidelityFX Super Resolution, Radeon Anti-Lag, Radeon Boost, and AMD Fluid Motion Frames where applicable to select titles. GD-225A.

GD-234d: AMD Fluid Motion Frames, or AFMF, is a frame generation technology designed to increase frame rates and smoothness for game winning performance with minimal impact to image quality. AFMF is integrated into the AMD Software: Adrenalin Edition™ Application. AFMF supports AMD Radeon™ RX 6000 Series and up discrete desktop graphics cards, AMD Ryzen™ 7000 and 8000 mobile processors with AMD Radeon™ 700M Series graphics, AMD Ryzen™ Al 300 Series Processors with AMD Radeon™ 800M Series Graphics, AMD Ryzen™ Z2 and Z1 Series handheld gaming processors, as well as AMD Ryzen™ 8000 Series desktop processors with AMD Radeon™ 700M Series Graphics. GD-234d.

GD-234d: Trillions of Operations per Second (TOPS) for an AMD Ryzen processor is the maximum number of operations per second that can be executed in an optimal scenario and may not be typical. TOPS may vary based on several factors, including the specific system configuration, Al model, and software version. GD-243.

GNR-21: Testing as of October 2024 by AMD Performance Labs on test systems configured as follows: AMD Ryzen 7 7800X3D & 9800X3D system: GIGABYTE X670E AORUS MASTER, Balanced, 2x16GB DDR5-6000, Radeon RX 7900 XTX, VBS=0n, SAM=0n, KRACKENX63 (September 27, 2024); Intel Core i9-14900K system: MSI MEG Z790 ACE MAX (MS-7D86), Balanced, 2x16GB DDR5-6000, Radeon RX 7900 XTX, VBS=0n, SAM=0n, KRAKENX63 (September 11, 2024) {profile=MSI Performance} on the following games: Ashes Of The Singularity: Escalation, Assassins Creed Mirage, Assassins Creed Valhalla, Avatar: Frontiers Of Pandora, Baldurs Gate 3, Black Myth: Wukong, Borderlands 3, Counter-Strike 2, CyberPunk 2077, Deus Ex: Mankind Divided, Dirt 5, DOTA 2, F1 2023, F1 2024, Far Cry 6, Final Fantasy 14 Dawntrail, Forza Horizon 5, Ghost Recon Breakpoint, Guardians Of The Galaxy, Hitman 3, Hogwarts Legacy, Horizon Zero Dawn, League of Legends, Metro Exodus, Metro Exodus Enhanced Edition, Middle Earth Shadow of War, Rainbow 6 Siege, Riftbreaker, Shadow Of The Tomb Raider, Spider Man Remastered, Starfield, Strange Brigade, The Callisto Protocol, Tiny Tinas Wonderlands, Total War Warhammer 3, Warhammer Dawn Of War 3, Watch Dogs Legion, World of Tanks encore, Wolfenstein Youngblood. System manufacturers may vary configurations, yielding different results. GNR-21.

RX-1141: Testing done by AMD performance labs December 2024, on a test system configured with Ryzen 9 7950X3D CPU, 64 GB DDR5-4800 Memory, and Windows 11 Pro with RDNA 4 vs. RDNA 3 comparing the media engine H.264 VMAF quality scores. Testing conducted in the following games: Borderlands 3, Far Cry 6, and Watch Dogs: Legion at 1080p and 4K. System manufacturers may vary configurations, yielding different results. RX-1141.

RX-1143: Based on specifications of AMD RDNA 4 architecture compared to AMD RDNA 3 architecture as of December 2024. RX-1143

RX-1166: Testing done by AMD performance labs February 2025, on a test system configured with Ryzen 7 9800X3D CPU, 32 GB DDR5-6000 Memory, Windows 11 Pro and Radeon RX 9070 & 9070 XT (Driver 25.3.1) vs. a similarly configured system with an RTX 4070 Super (Driver 572.16) comparing gaming performance at 4K in the following titles: Cyberpunk 2077 (DX12, Ultra), Cyberpunk 2077 (DX12, RT Ultra), Assassin's Creed Mirage (DX12, Ultra High), F1 24 (DX12, Ultra High), F1 24 (DX12, Ultra High RT), Starfield (DX12, Ultra), Far Cry 6 (DX12, Ultra), Far Cry 6 (DX12, Ultra RT), Forza Horizon 5 (DX12, Maxed), Forza Horizon 5 (DX12, RT Maxed), Watch Dogs Legion (DX12, Ultra), Horizon Forbidden West (DX12, Maxed), Horizon Zero Dawn Remastered (DX12, Maxed), God of War: Ragnarok (DX12, Ultra), Call of Duty: Black Ops 6 (DX12, Extreme), D00M Eternal (Vulkan, Ultra Nightmare), D00M Eternal (Vulkan, Ultra Nightmare), D00M Eternal (Vulkan, Ultra Nightmare RT), Total War: Warhammer 3 (DX11, Ultra), Dying Light 2 (DX12, High), Dying Light 2 (DX12, High RAT), Asatar: Frontiers of Pandora (DX12, Ultra), Hitman 3 (DX12, Ultra), Hitman 3 (DX12, Ultra RT), The Witcher 3 (DX12, Ultra+), The Witcher 3 (DX12, RT Ultra), Metro Exodus Enhanced Edition (DX12, Extreme), Black Myth: Wukong (DX12, Cinematic), Black Myth: Wukong (DX12, Cinematic), Black Myth: Wukong (DX12, Cinematic RT) Baldur's Gate 3 (DX11, Ultra), Ghost of Tsushima (DX12, Very High), Star Wars Outlaws (DX12, Ultra RT), Warhammer 40,000: Space Marine 2 (DX12, Ultra), Control (DX12, High), Control (DX12, High RT), Dragon Age: The Veilguard (DX12, Ultra), Dragon Age: The Veilguard (DX12, Ultra), Testing on AMD Radeon RX 9070 & 9070 XT using latest game builds as of February 5, 2025. Testing on RTX 4070 Super using latest game builds as of January 30, 2025. Performance per Dollar calculations using official launch SEP pricing as of Feb 25, 2025. RX-1166

RX-1167: Testing done by AMD performance labs February 2025, on a test system configured with Ryzen 7 9800X3D CPU, 32 GB DDR5-6000 Memory, Windows 11 Pro and Radeon RX 9070 (Driver 25.3.1) vs. a similarly configured system with an RTX 4070 Super (Driver 572.16) comparing gaming performance at 4K in the following titles: Cyberpunk 2077 (DX12, Ultra), Cyberpunk 2077 (DX12, RT Ultra), Assassin's Creed Mirage (DX12, Ultra High), F1 24 (DX12, Ultra), Far Cry 6 (DX12, Ultra), Far Cry 6 (DX12, Ultra), Forza Horizon 5 (DX12, Maxed), Forza Horizon 5 (DX12, RT Maxed), Watch Dogs Legion (DX12, Ultra), Watch Dogs Legion (DX12, RT Ultra), Horizon Forbidden West (DX12, Maxed), Horizon Zero Dawn Remastered (DX12, Maxed), God of War: Ragnarok (DX12, Ultra), Call of Duty: Black Ops 6 (DX12, Extreme), D00M Eternal (Vulkan, Ultra Nightmare), D00M Eternal (Vulkan, Ultra Nightmare), D00M Eternal (Vulkan, Ultra Nightmare), Total War: Warhammer 3 (DX11, Ultra), Dying Light 2 (DX12, High), Dying Light 2 (DX12, High Raytracing), Alan Wake 2 (DX12, High), Alan Wake 2 (DX12, High w/Med RT), Avatar: Frontiers of Pandora (DX12, Ultra), Hitman 3 (DX12, Ultra), Hitman 3 (DX12, Ultra RT), The Witcher 3 (DX12, Ultra+), The Witcher 3 (DX12, RT Ultra), Metro Exodus Enhanced Edition (DX12, Extreme), Black Myth: Wukong (DX12, Cinematic), Black Myth: Wukong (DX12, Cinematic RT) Baldur's Gate 3 (DX11, Ultra), Ghost of Tsushima (DX12, Very High), Star Wars Outlaws (DX12, Ultra RT), Warhammer 40,000: Space Marine 2 (DX12, Ultra), Control (DX12, High), Control (DX12, High RT), Dragon Age: The Veilguard (DX12, Ultra). Testing on AMD Radeon RX 9070 using latest game builds as of February 5, 2025. Testing on RTX 4070 Super using latest game builds as of January 30, 2025. Performance per Dollar calculations using official launch SEP pricing as of Feb 25, 2025. RX-1167

RX-1168: Testing by AMD, as of February 2025 using Amuse 2.3.15 and Procyon 2.10.1542 64. Models used: SD 1.5, SDXL, ComputerVision FP16, and FLUX Schnell. System configuration: AMD Ryzen 7 9800X3D, 32GB 6000 MT/s DDR5 RAM, 2TB SSD with an AMD Radeon RX 9070 XT GPU vs. a similarly configured system with a Radeon RX 7900 GRE GPU. Driver 25.3.1. Performance may vary. RX-1168.

RX-1169: Testing done by AMD performance labs February 2025, on a test system configured with Ryzen 9 7950X3D CPU, 32 GB DDR5-6000 Memory, Windows 11 and Radeon RX 9070 XT (Driver 25.3.1) vs. a similarly configured system with an RX 7900 GRE (Driver 25.3.1) comparing Al creator performance in the following Puget Benchmarks: Adobe Lightroom (Al Super Resolution), Adobe Lightroom (Al Denoise), Davinci Resolve (Subtitles from Audio), Davinci Resolve (Magic Mask Tracking). System manufacturers may vary configurations, yielding different results. RX-1169.

RX-173: Testing done by AMD performance labs February 2025, on a test system configured with Ryzen 7 9800X3D CPU, 32 GB DDR5-6000 Memory, Windows 11 Pro and Radeon RX 9070 XT (Driver 25.3.1) vs. a similarly configured system with an RTX 5070 Ti (Driver 572.47) comparing gaming performance at 4K in the following applications: Cyberpunk 2077 (DX12, Ultra), Cyberpunk 2077 (DX12, RT Ultra), Assassin's Creed Mirage (DX12, Ultra High), F1 24 (DX12, Ultra High), Horizon Forbidden West (DX12, Maxed), Horizon Zero Dawn Remastered (DX12, Maxed), God of War: Ragnarok (DX12, Ultra), Call of Duty: Black Ops 6 (DX12, Extreme), D00M Eternal (Vulkan, Ultra Nightmare), D00M Eternal (Vulkan, Ultra Nightmare), D00M Eternal (Vulkan, Ultra Nightmare), D10M Eternal (Vulkan, Ultra

RX-1174: Testing done by AMD performance labs February 2025, on a test system configured with Ryzen 7 9800X3D CPU, 32 GB DDR5-6000 Memory, Windows 11 Pro and Radeon RX 9070 XT (Driver 25.3.1) vs. a similarly configured system with an RTX 5070 Ti (Driver 572.47) comparing gaming performance per dollar at 4K in the following applications: Cyberpunk 2077 (DX12, Ultra), Cyberpunk 2077 (DX12, RT Ultra), Assassin's Creed Mirage (DX12, Ultra High), F1 24 (DX12, Ultra), Far Cry 6 (DX12, Ultra), Far Cry 6 (DX12, Ultra RT), Forza Horizon 5 (DX12, Extreme), Forza Horizon 5 (DX12, RT Ultra), Call of Duty: Black Ops 6 (DX12, Maxed), Horizon Zero Dawn Remastered (DX12, Maxed), God of War: Ragnarok (DX12, Ultra), Call of Duty: Black Ops 6 (DX12, Extreme), D00M Eternal (Vulkan, Ultra Nightmare), D00M Eternal (Vulkan, Ultra), Hitman 3 (DX12, Ultra), D110 Litra), D110 Litra, D110 Litra

RX-1176: Testing done by AMD performance labs February 2025, on a test system configured with Ryzen 7 9800X3D CPU, 32 GB DDR5-6000 Memory, Windows 11 Pro and Radeon RX 9070 (Driver 25.3.1) vs. a similarly configured system with an RX 7900 GRE (Driver 25.3.1) comparing gaming performance at 4K in the following applications: Cyberpunk 2077 (DX12, Ultra), Cyberpunk 2077 (DX12, RT Ultra), Assassin's Creed Mirage (DX12, Ultra High), F1 24 (DX12, Ultra High), Horizon Forbidden West (DX12, Maxed), Horizon Zero Dawn Remastered (DX12, Maxed), God of War: Ragnarok (DX12, Ultra), Call of Duty: Black Ops 6 (DX12, Extreme), D00M Eternal (Vulkan, Ultra Nightmare), D10M Eternal (Vulkan, Ultra), Hitman 3 (DX12, Ultra), Hitman 3 (DX12, Ultra), Dying Light 2 (DX12, High), Dying Light 2 (DX12, High Raytracing), Alan Wake 2 (DX12, High), Alan Wake 2 (DX12, High w/Med RT), Avatar: Frontiers of Pandora (DX12, Ultra), Hitman 3 (DX12, Ultra), Hitman 3 (DX12, Ultra RT), The Witcher 3 (DX12, Ultra+), The Witcher 3 (DX12, RT Ultra), Metro Exodus Enhanced Edition (DX12, Extreme), Black Myth: Wukong (DX12, Cinematic), Black Myth: Wukong (DX12, Ultra), Dragon Age: The Veilguard (DX12, Ultra), Dragon Age: The Veilguard (DX12, Ultra), Resident Evil 4 (DX12, Max), Resident Evil 4 (DX12, Epic), Final Fantasy XVI Demo (DX12, Ultra). Testing conducted with latest game builds as of February 5, 2025 (Marvel's Spider-Man 2, Microsoft Flight Simulator 2024, The Last of Us: Part 1, and Forza Horizon 5 using latest builds as of February 14th, 2025). System manufacturers may vary configurations, yielding

RX-1177: Testing done by AMD performance labs February 2025, on a test system configured with Ryzen 7 9800X3D CPU, 32 GB DDR5-6000 Memory, Windows 11 Pro and Radeon RX 9070 (Driver 25.3.1) vs. a similarly configured system with an RX 7900 GRE (Driver 25.3.1) comparing gaming performance at 1440p in the following applications: Cyberpunk 2077 (DX12, Ultra), Cyberpunk 2077 (DX12, RT Ultra), Assassin's Creed Mirage (DX12, Ultra High), F1 24 (DX12, Ultra High RT), Starfield (DX12, Ultra), Far Cry 6 (DX12, Ultra), Far Cry 6 (DX12, Ultra RT), Forza Horizon 5 (DX12, Extreme), Forza Horizon 5 (DX12, RT Ultra), Horizon Forbidden West (DX12, Maxed), Horizon Zero Dawn Remastered (DX12, Maxed), God of War: Ragnarok (DX12, Ultra), Call of Duty: Black Ops 6 (DX12, Extreme), D00M Eternal (Vulkan, Ultra Nightmare), D00M Eternal (Vulkan, Ultra), Hitman 3 (DX12, Ultra), Hitman 3 (DX11, Ultra), Dying Light 2 (DX12, High), Dying Light 2 (DX12, High Raytracing), Alan Wake 2 (DX12, High), Alan Wake 2 (DX12, High w/Med RT), Avatar: Frontiers of Pandora (DX12, Ultra), Hitman 3 (DX12, Ultra), Hitman 3 (DX12, Ultra RT), The Witcher 3 (DX12, Ultra+), The Witcher 3 (DX12, RT Ultra), Metro Exodus Enhanced Edition (DX12, Extreme), Black Myth: Wukong (DX12, Cinematic), Black Myth: Wukong (DX12, Cinematic), Black Myth: Wukong (DX12, Ultra), Dragon Age: The Veilguard (DX12, Ultra), Control (DX12, High), Control (DX12, High RT), Dragon Age: The Veilguard (DX12, Ultra), Dragon Age: The Veilguard (DX12, Ultra), ST.A.L.K.E.R. 2: Heart of Chornobyl (DX12, Epic), Final Fantasy XVI Demo (DX12, Ultra). Testing conducted with latest game builds as of February 14, 2025. System manufacturers may vary configurations, yielding different results. RX-1177.

RX-1178: Testing done by AMD performance labs February 2025, on a test system configured with Ryzen 7 9800X3D CPU, 32 GB DDR5-6000 Memory, Windows 11 Pro and Radeon RX 9070 (Driver 25.3.1) evaluating gaming performance at 1440p High Settings in the following titles: PUBG: Battlegrounds (DX11, Ultra), Counter-Strike 2 (DX12, High MSAA 2x), DOTA 2 (DX11, Max), League of Legends (DX11, Very High), Valorant (DX12, High). Testing conducted with latest game builds as of February 12, 2025. System manufacturers may vary configurations, yielding different results. RX-1178

RX-1179: Testing done by AMD performance labs February 2025, on a test system configured with Ryzen 7 9800X3D CPU, 32 GB DDR5-6000 Memory, Windows 11 Pro and Radeon RX 9070 XT (Driver 25.3.1) vs. a similarly configured system with an RX 7900 GRE (Driver 25.3.1) comparing gaming performance at 4K in the following applications: Cyberpunk 2077 (DX12, Ultra), Cyberpunk 2077 (DX12, RT Ultra), Assassin's Creed Mirage (DX12, Ultra High), F1 24 (DX12, Ultra High RT), Starfield (DX12, Ultra), Far Cry 6 (DX12, Ultra), Far Cry 6 (DX12, Ultra RT), Forza Horizon 5 (DX12, Extreme), Forza Horizon 5 (DX12, RT Ultra), Coll of Duty: Black Ops 6 (DX12, Extreme), D00M Eternal (Vulkan, Ultra Nightmare), D10M Eternal (Vulkan, Ultra), Alternal Vulkan, Ultra Nightmare, D10M Eternal (Vulkan, Ultra), Alterna

RX-1180: Testing done by AMD performance labs February 2025, on a test system configured with Ryzen 7 9800X3D CPU, 32 GB DDR5-6000 Memory, Windows 11 Pro and Radeon RX 9070 XT (Driver 25.3.1) with AMD FidelityFX™ Super Resolution 4 Performance Mode vs. a similarly configured system with an RX 7900 GRE (Driver 25.3.1) at Native 4K comparing gaming performance in the following titles: Warhammer 40,000: Space Marine 2 (DX12, Ultra), Marvel's Spider-Man 2 (DX12, Maxed), God of War Ragnarok (DX12, Ultra), Horizon Forbidden West (DX12, Maxed), Monster Hunter Wilds Beta (DX12, Ultra). Testing conducted with latest game builds as of February 10, 2025. System manufacturers may vary configurations, yielding different results. RX-1180.

RX-1181: Testing done by AMD performance labs February 2025, on a test system configured with Ryzen 7 9800X3D CPU, 32 GB DDR5-6000 Memory, Windows 11 Pro and Radeon RX 9070 XT (Driver 25.3.1) vs. a similarly configured system with an RX 7900 GRE (Driver 25.3.1) comparing gaming performance at 1440p in the following applications: Cyberpunk 2077 (DX12, Ultra), Cyberpunk 2077 (DX12, RT Ultra), Assassin's Creed Mirage (DX12, Ultra High), F1 24 (DX12, Ultra High), F1 24 (DX12, Ultra High, F1 24 (DX12, Ultra High, F1 24 (DX12, Ultra), Far Cry 6 (DX12, Ultra), Far Cry 6 (DX12, Ultra RT), Forza Horizon 5 (DX12, Extreme), Forza Horizon 5 (DX12, RT Ultra), Horizon Forbidden West (DX12, Maxed), Horizon Zero Dawn Remastered (DX12, Maxed), God of War: Ragnarok (DX12, Ultra), Call of Duty: Black Ops 6 (DX12, Extreme), D00M Eternal (Vulkan, Ultra Nightmare), D00M Eternal (Vulkan, Ultra), Hitman 3 (DX12, Ultra), Hitman 3 (DX12, Ultra), Dying Light 2 (DX12, High), Dying Light 2 (DX12, High Raytracing), Alan Wake 2 (DX12, High), Alan Wake 2 (DX12, High w/Med RT), Avatar: Frontiers of Pandora (DX12, Ultra), Hitman 3 (DX12, Ultra), Hitman 3 (DX12, Ultra RT), The Witcher 3 (DX12, Ultra+), The Witcher 3 (DX12, RT Ultra), Metro Exodus Enhanced Edition (DX12, Extreme), Black Myth: Wukong (DX12, Cinematic), Black Myth: Wukong (DX12, Cinematic RT) Baldur's Gate 3 (DX11, Ultra), Ghost of Tsushima (DX12, Very High), Star Wars Outlaws (DX12, Ultra RT), Warhammer 40,000: Space Marine 2 (DX12, Ultra), Control (DX12, High), Control (DX12, High), Dragon Age: The Veilguard (DX12, Ultra), Dragon Age: The Veilguard (DX12, Ultra), The Last of Us: Part 1 (DX12, Ultra), S.T.A.L.K.E.R. 2: Heart of Chornobyl (DX12, Epic), Final Fantasy XVI Demo (DX12, Ultra). Testing conducted with latest game builds as of February 14, 2025. System manufacturers may vary configurations, yielding different results. RX-1181.

RX-1184: Testing done by AMD performance labs February 2025, on a test system configured with Ryzen 7 9800X3D CPU, 32 GB DDR5-6000 Memory, Windows 11 Pro and Radeon RX 9070 XT Partner Board (Asrock Taichi RX 9070 XT rated at 340W running on Driver 25.3.1) vs. a similarly configured system with an RTX 5070 Ti (Driver 572.47) comparing gaming performance at 4K in the following applications: Cyberpunk 2077 (DX12, Ultra), Cyberpunk 2077 (DX12, RT Ultra), Assassin's Creed Mirage (DX12, Ultra High), F1 24 (DX12, Ultra High), F1 24 (DX12, Ultra High), F1 24 (DX12, Ultra), Far Cry 6 (DX12, Ultra