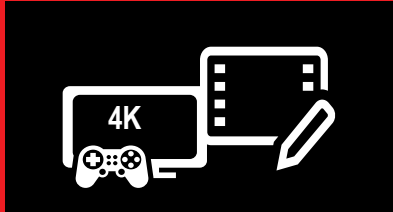


AMD Radeon™ RX 7900 Series Graphics Cards

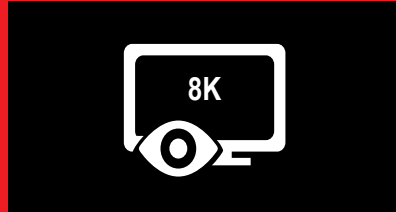
State of the Art Graphics for Gamers & Creators

Introducing the AMD Radeon™ RX 7900 Series; built on AMD RDNA™ 3 architecture with chiplet technology at 4K.

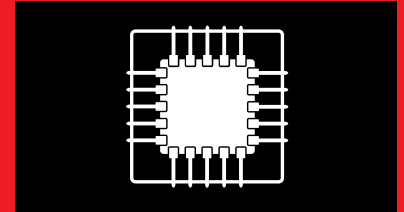
TARGET AUDIENCE



GAMERS & CREATORS WHO WANT
BREAKTHROUGH PERFORMANCE



GAMERS WHO WANT AN INCREDIBLE
VISUALS AT 4K AND BEYOND



ULTRA-ENTHUSIASTS WHO WANT AN
EFFORTLESS NEXT-GENERATION UPGRADE

SELL IT IN 60 SECONDS

AMD RDNA™ 3 ARCHITECTURE

- Unified AMD RDNA™ 3 compute units, featuring new AI accelerators and 2nd generation raytracing accelerators
- 2nd Generation AMD Infinity Cache™ connected through Chiplet Interconnect™

FUTURE READY GRAPHICS

- 24GB of GDDR6 memory to deliver an incredible experience at 4K and beyond
- Ultra-enthusiast graphics cards to feature DisplayPort(TM) 2.1 delivering up to 8K 165Hz

BREATHTAKING VIVID VISUALS

- AMD Radiance Display™ Engine features 12-bit HDR and full REC2020 Color Space for incredible color accuracy at up to 8K 165Hz 12-bit
- AMD FreeSync™ technology⁷ up to 4K 240Hz and 8K 165Hz gaming and with upcoming DisplayPort™ 2.1 supported AMD FreeSync displays

NEW LEVEL OF IMMERSION

- AMD FidelityFX™ techniques^{1,2}, Raytracing, and Radeon™ Super Resolution³ technologies
- Dedicated AI and raytracing hardware to deliver world class visuals with high framerates

ADVANCED TECHNOLOGIES

- Radeon™ Super Resolution³, Radeon™ Anti-Lag⁴ and Radeon™ Boost⁵ technologies
- Custom overclocking⁶ controls built directly into AMD Software application: Adrenalin Edition™

ULTIMATE DESKTOP PLATFORM

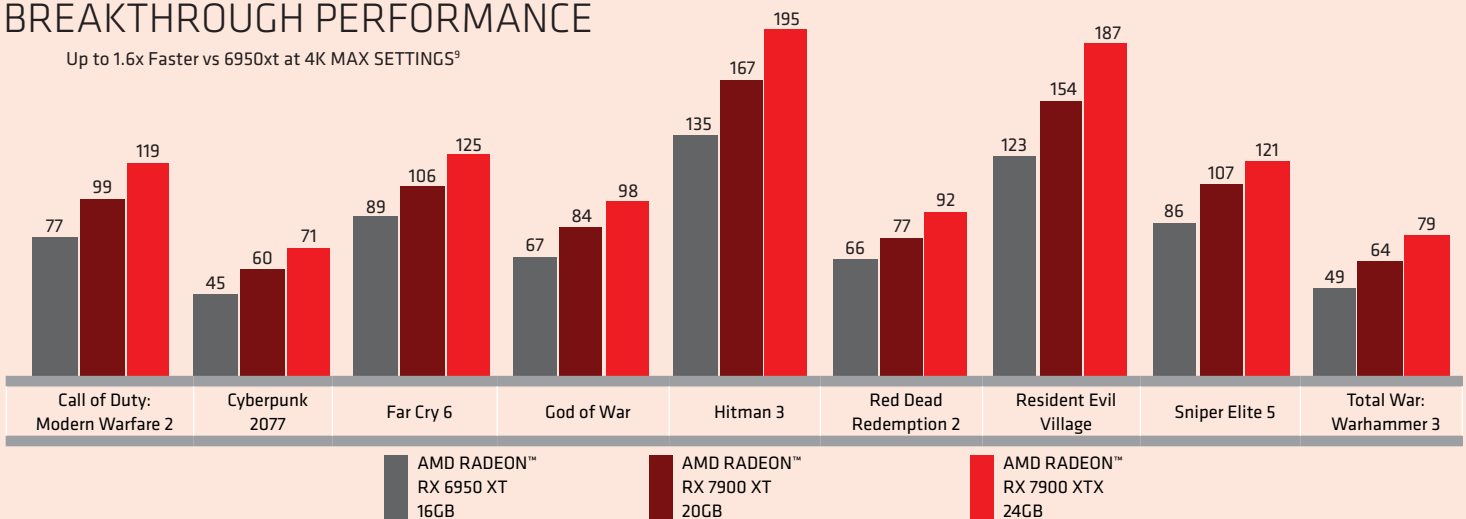
- Plug-and-game solution, integrating seamlessly with optimized system power, thermals, and noise levels
- Harness the full potential of your system with AMD smart technologies⁸

PRODUCT SPECIFICATIONS

	GDDR6 MEMORY	AMD RDNA™ 3 COMPUTE UNITS	GAME CLOCK	BOOST CLOCK ¹¹ (UP TO)	2 ND GENERATION INFINITY CACHE™	TOTAL BOARD POWER
AMD Radeon™ RX 7900 XTX	24GB	96	2.3GHZ	2.5GHZ	UP TO 96MB	355W
AMD Radeon™ RX 7900 XT	20GB	84	2.0GHZ	2.4GHZ	UP TO 80MB	315W

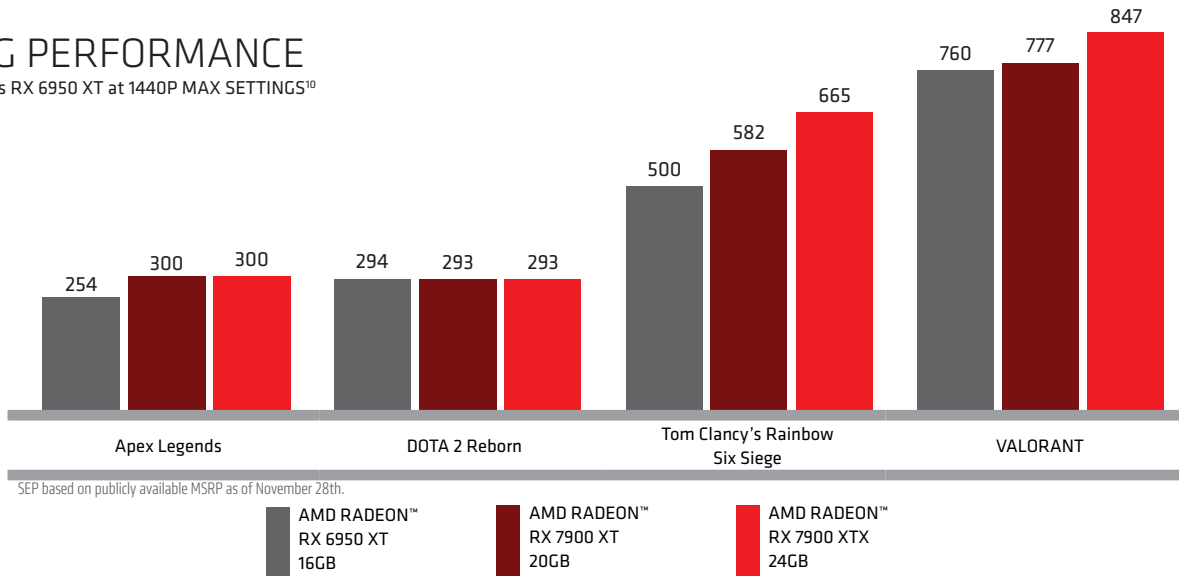
BREAKTHROUGH PERFORMANCE

Up to 1.6x Faster vs 6950xt at 4K MAX SETTINGS⁹



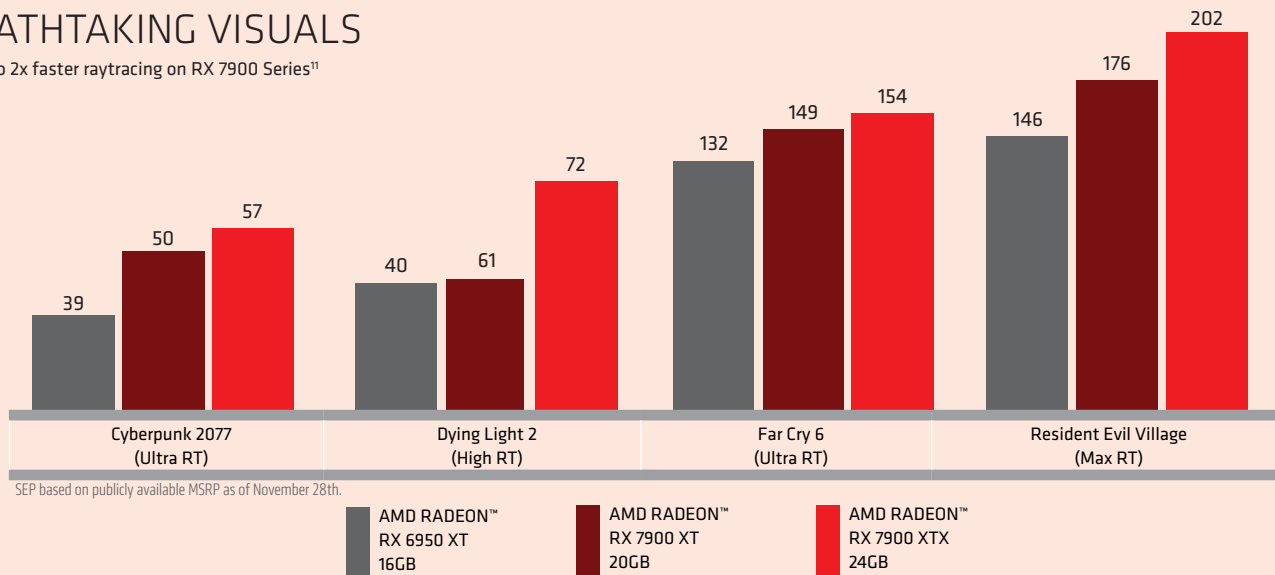
GAMING PERFORMANCE

RX 7900 Series vs RX 6950 XT at 1440P MAX SETTINGS¹⁰



BREATHTAKING VISUALS

Up to 2x faster raytracing on RX 7900 Series¹¹



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For more information visit **www.AMD.com/RADEON**

- GD-172. For additional information about AMD FidelityFX technologies, see <https://www.amd.com/en/technologies/radeon-software-fidelityfx>.
- GD-187. AMD FidelityFX Super Resolution (FSR) 1 and 2 are available on select games and require developer integration. See <https://www.amd.com/en/technologies/fidelityfx-super-resolution> for a list of supported games. AMD FidelityFX Super Resolution is "game dependent" and is supported on the following AMD products: FSR 1: AMD Radeon™ RX 6000, RX 5000, RX 500, RX Vega series graphics cards, RX 480, RX 470, RX 460, and all AMD Ryzen™ processors with Radeon™ graphics if the minimum requirements of the game are met. FSR 2: AMD Radeon™ RX 6000, RX 5000, RX Vega Series graphics cards, and the Radeon™ RX 590 graphics card if the minimum requirements of the game are met. AMD does not provide technical or warranty support for AMD FidelityFX Super Resolution enablement on other vendors' graphics cards.
- GD-197. RSR works with games that support exclusive and borderless full-screen modes. AMD Software: Adrenalin Edition 22.11.X or newer is required.
- GD-157. Radeon™ Anti-Lag is compatible with DirectX 9, DirectX 11 and DirectX 12 APIs, and Windows 7/10/11. Hardware compatibility includes Radeon GCN and newer consumer dGPUs, Ryzen 2000 Series and newer APUs, including hybrid and detachable graphics configurations. No mGPU support.
- GD-158. Radeon™ Boost is compatible with Windows 7/10/11 in select titles only. Hardware compatibility includes Radeon RX 400 and newer consumer dGPUs, Ryzen 2000 Series and newer APUs, including hybrid and detachable graphics configurations. No mGPU support. Radeon™ Boost with VRS compatible with AMD Radeon™ RX 6000 Series Graphics and newer only. For a list of compatible titles see <https://www.amd.com/en/technologies/radeon-boost>. GD-158
- GD-106. Overclocking and/or Undervolting AMD processors and memory, including without limitation, altering clock frequencies / multipliers or memory timing / voltage, to operate outside of AMD's published specifications will void any applicable AMD product warranty, even when enabled via AMD hardware and/or software. This may also void warranties offered by the system manufacturer or retailer. Users assume all risks and liabilities that may arise out of overclocking / undervolting AMD processors, including, without limitation, failure of or damage to hardware, reduced system performance and/or data loss, corruption or vulnerability.
- GD-127. AMD FreeSync™ technology requires AMD Radeon™ graphics and a display that supports FreeSync technology as certified by AMD. AMD FreeSync™ Premium technology adds requirements of mandatory low framerate compensation and at least 120 Hz refresh rate at minimum FHD. AMD FreeSync™ Premium Pro technology adds requirements for the display to meet AMD FreeSync Premium Pro compliance tests. See www.amd.com/freesync for complete details. Confirm capability with your system manufacturer before purchase.
- GD-178. Smart Access Memory technology is compatible with AMD Radeon RX 5000 Series GPUs or later, Ryzen 3000 Series CPUs or later (excluding Ryzen 5 3400G and Ryzen 3 3200G CPUs), AMD desktop kits (4800S Series and later), and an AMD 500 Series motherboard or later with the latest BIOS update available at the vendor website. OEM support is required. For additional information see <https://www.amd.com/en/technologies/smart-access-memory>.
- RX-859. Testing done by AMD performance labs November 28, 2022, comparing Radeon RX 7900 XT and Radeon RX 7900 XTX (Driver 22.40.0.24) graphics with AMD Ryzen 9 7900X, AM5 motherboard, 32GB DDR-6000MT, and Windows 11 Pro vs. a similarly configured test system with Radeon™ RX 6950 XT (Driver 21.11.1) and Smart Access Memory enabled in the following titles: Call of Duty Modern Warfare 2; Cyberpunk 2077; God of War; Far Cry 6; Hitman 3; Red Dead Redemption 2; Resident Evil Village; Sniper Elite 5; and Total War: Warhammer 3 at 4K resolution. System manufacturers may vary configurations yielding different results.
- RX-817. Based on AMD internal analysis, November 2022, comparing the published chiplet interconnect speeds of Radeon RX 7900 Series GPUs to Intel Ponte Vecchio GPU and Apple M1 Ultra.
- 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.
- RX-860. Testing done by AMD performance labs November 28, 2022, comparing Radeon RX 7900 XT and RX 7900 XTX graphics (Driver 22.40.0.24) configured with AMD Ryzen 9 7900X, AM5 motherboard, 32GB DDR-6000MT, and Windows 11 Pro vs. a similarly configured test system with Radeon RX 6950 XT (Driver 21.11.1) in the following titles at 1440p and maximum graphics settings: Apex Legends, DOTA 2 Reborn, Tom Clancy's Rainbow Six Siege, and VALORANT. System manufacturers may vary configurations yielding different results.
- RX-861. Testing done by AMD performance labs November 28, 2022, comparing Radeon RX 6950 XT (Driver 21.11.1), RX 7900 XT (Driver 22.40.0.24), RX 7900 XTX (22.40.0.24) graphics similarly configured with AMD Ryzen 9 7900X, AM5 motherboard, 32GB DDR-6000MT, and Windows 11 Pro. The following titles were tested with FSR "Performance Mode" enabled versus disabled: Cyberpunk 2077 (Ultra RT); Dying Light 2 (High RT); Far Cry 6 (Ultra RT); Resident Evil Village (Max RT). AMD FidelityFX Super Resolution is "game dependent" and is supported provided the minimum requirements of the game are met. System manufacturers may vary configurations yielding different results.

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