

WHY TO BUY AMD Radeon™ RX 6600 Series Graphics Card

Performance to Level Up Your Game



Who's it for?

- Enthusiast 1080p gamers
- Owners of AMD FreeSync™ technology enabled monitors¹



Sell it in 60 seconds

POWERHOUSE PERFORMANCE

- The AMD Radeon™ RX 6600 series enables exceptional 1080p gaming at maximum settings with smooth framerates.
- The AMD Radeon™ RX 6600 series graphics cards enable great gaming with seamless, fluid, ultra-high refresh rates.
- Powered by breakthrough **AMD RDNA™ 2 architecture**, featuring up to 32 enhanced Compute Units delivering potent performance and hardware accelerated raytracing.
- Equipped with 8GB of GDDR6 memory and up to 32MB of **AMD Infinity Cache** for power efficient high-performance bandwidth.
- Get extra performance with **AMD Smart Access Memory**⁵ when paired with **AMD Ryzen™ desktop processors**.
- **Optimized for AMD FidelityFX™ Super Resolution (FSR)**¹⁰ for state-of-the-art spatial upscaling to deliver near-native resolution quality gaming experiences with adjustable image quality.

VIVID VISUALS

- Immerse yourself in high fidelity gaming experiences with **AMD FidelityFX™**² technology and **DirectX® 12 Ultimate** technologies. Make games look even better with real-time lighting, shadow, and reflection realism.

ELEVATED GAMING EXPERIENCES

- Take your gaming experience to the next level and get ultra-fast response times with **AMD Radeon™ Anti-Lag**³ or extra performance in select games with reduced latency thanks to **AMD Radeon™ Boost**⁴.
- Pair with an **AMD FreeSync**¹ technology-enabled gaming monitor for a low latency, high refresh rate, fluid gaming experience.
- With support for expanded display capabilities such as **HDMI™ 2.1 VRR**, get the bandwidth needed to power HDR experiences.

AMD RADEON™ RX 6600 XT

32 Compute Units	8GB GDDR6 Memory	16 Gbps (up to) Memory Speed	32MB Infinity Cache	160W Total Board Power
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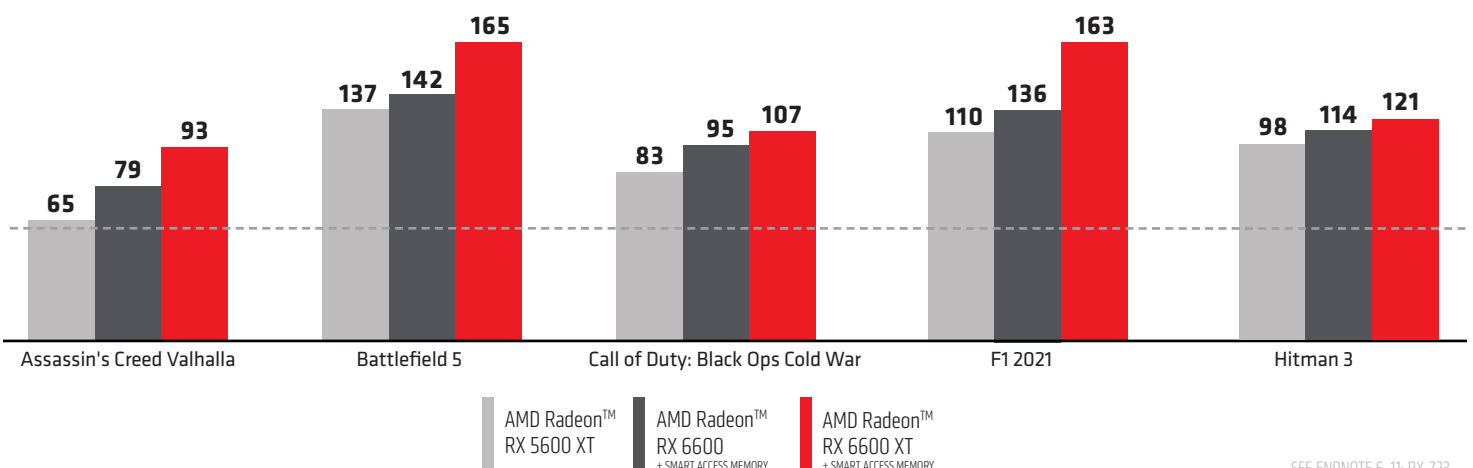
AMD RADEON™ RX 6600

28 Compute Units	8GB GDDR6 Memory	14 Gbps (up to) Memory Speed	32MB Infinity Cache	132W Total Board Power
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AMD RADEON™ RX 6600 SERIES GENERATIONAL UPLIFT

1080P MAX SETTINGS

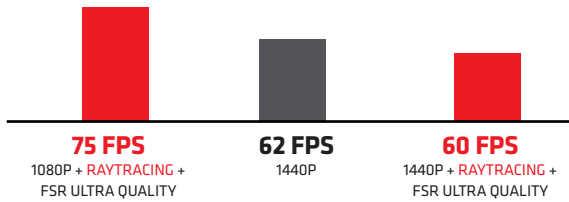
FRAMES PER SECOND (BEST API)



SEE ENDNOTE 6, 11: RX-723

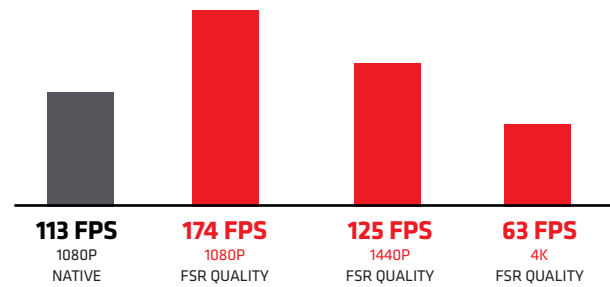
AMD RADEON™ RX 6600 SERIES WITH AMD FIDELITYFX SUPER RESOLUTION

FARCRY6 AMD RADEON™ RX 6600 WITH AMD FIDELITYFX™ SUPER RESOLUTION



RESULTS MAY VARY. SEE ENDNOTE 10, 7: RX-718

BLOODHUNT AMD RADEON™ RX 6600 WITH AMD FIDELITYFX™ SUPER RESOLUTION



RESULTS MAY VARY. SEE ENDNOTE 10, 8: RX-719

AMD RADEON™ BOOST

TURBOCHARGE YOUR GAME

WARFRAME AMD RADEON™ RX 6600 XT WITH AMD RADEON™ BOOST

DEFAULT 326 FPS

ENABLED

Peak Boost @ 50% Dynamic Resolution

484 FPS

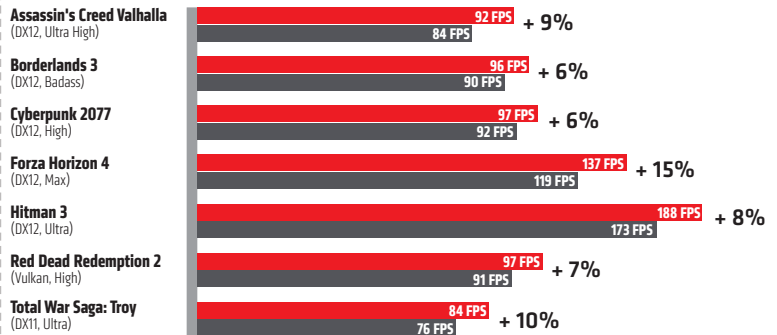
(Up To)
+48%

AND

AMD SMART ACCESS MEMORY

PERFORMANCE BENEFITS

On an AMD Ryzen™ 5 5600X platform (Up to)

SMART ACCESS
MEMORY ONSMART ACCESS
MEMORY OFF

SEE ENDNOTE 9: RX-697

SEE ENDNOTE 4, 7: RX-690

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Additional hardware (e.g., Blu-ray drive, 4K monitor, TV tuner, wirelessly enabled HDTV, VR headset) and/or software (e.g., multimedia applications) are required for the full enablement of some features. 4K Video display requires an 4K video source. Not all features may be supported on all components or systems - check with your component or system manufacturer for specific model capabilities and supported technologies. GD-7

1. 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-127
 2. For additional information about FidelityFX technology, see <https://www.amd.com/en/technologies/radeon-software-fidelityfx>. GD-172.
 3. 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-157
 4. Radeon™ Boost is compatible with Windows 7/10/11 in select titles only. Hardware compatibility includes Radeon RX 400 and and newer consumer dGPUs, Ryzen 2000 Series and newer APUs, including hybrid and detachable graphics configurations. No mGPU support. Radeon™ Boost VRS compatible with AMD Radeon™ RX 6000 Series Graphics only. For a list of compatible titles see <https://www.amd.com/en/technologies/radeon-boost>. GD-158
 5. Smart Access Memory technology enablement requires an AMD Radeon RX 6000 or RX 5000 series GPU, Ryzen 5000 or select Ryzen 3000 series CPU (excluding the Ryzen 5 3400G and Ryzen 3 3200G) and an AMD 500 series motherboard with the latest BIOS update. BIOS requires support for AGESA 1.1.0.0 or higher. Download latest BIOS from vendor website. For additional information and system requirements, see <https://www.amd.com/en/technologies/smart-access-memory>. GD-178
 6. Testing done by AMD performance labs 6/21/2021 with an Ryzen 5 5600X, Radeon RX 6600 with Smart Access Memory enabled, 16GB DDR4-3600MHz, Gigabyte X570 Aorus Master, Win10 Pro x64 19041.508 and AMD Driver 21.30.17.06. FidelityFX Super Resolution is "game dependent" and is supported provided the minimum requirements of the game are met. Performance may vary. RX-718
 7. Testing done by AMD performance labs July 15, 2021 with an AMD Ryzen 7 5800X CPU, 16GB DDR4-3600, ASRock Taichi, Win10 Pro x64 19041.508, Radeon RX 6600 XT GPU (Driver 21.6.1) comparing Radeon Boost ON vs. OFF (50% Dynamic resolution) in Warframe. Performance may vary. RX-690
 8. Testing done by AMD performance labs 6/21/2021 with an AMD Ryzen 5 5600X, AMD Radeon RX 6600 with Smart Access Memory enabled, 16GB DDR4-3600MHz, Gigabyte X570 Aorus Master, Win10 Pro x64 19041.508 and AMD Driver 21.30.17.06. AMD FidelityFX Super Resolution is "game dependent" and is supported provided the minimum requirements of the game are met. Performance may vary. RX-719
 9. Testing done by AMD performance labs July 19, 2021, on an Radeon RX 6600 XT (Driver 21.6.1), AMD Ryzen 5 5600X, 16GB DDR4-3600, ASRock Taichi, Win10 Pro x64 19041.508, with AMD Smart Access Memory Technology ENABLED vs. the same system with Smart Access Memory Technology DISABLED. RX-697
 10. AMD FidelityFX Super Resolution is available on select games and requires developer integration. See <https://www.amd.com/en/technologies/radeon-software-fidelityfx-super-resolution> for a list of supported games. AMD FidelityFX Super Resolution is "game dependent" and is supported on the following AMD products: 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. AMD does not provide technical or warranty support for AMD FidelityFX Super Resolution enablement on other vendor's graphics cards. GD-187
 11. Testing done by AMD performance labs Sept 28, 2021 on a Radeon RX 6600 & Radeon RX 6600 XT (Driver 21.30.17.06), AMD Ryzen 5 5600X, 16GB DDR4-3600, Gigabyte X570 Aorus Master, Win10 Pro x64 19041.508 vs. the same system config with a Radeon RX 5600 XT (Driver 21.9.1) RX-723
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