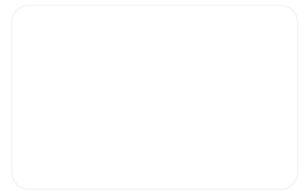
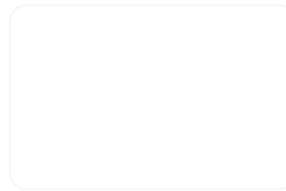
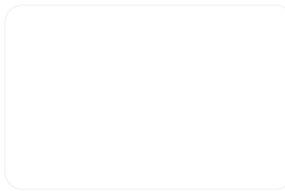
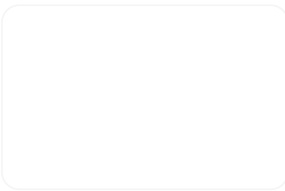
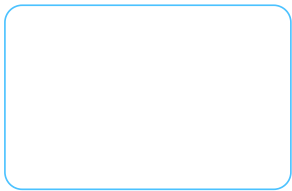




(/en)



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PULSE AMD Radeon™ RX 6600

- GPU: Boost Clock: Up to 2491MHz
- Memory: 8GB/128 bit DDR6. 14 Gbps Effective
- Stream Processors: 1792
- RDNA™ 2 Architecture
- Ray Accelerator: 28

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PERFORMANCE TO RULE YOUR GAME



1080P PERFORMANCE



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- Cyberpunk 2077
- Star Wars: Squadrons
- Watch Dogs: Legion
- Assassin's Creed Valhalla
- DIRT 5
- Marvel's Avengers



SAPPHIRE PULSE AMD Radeon™ RX 6600

The SAPPHIRE PULSE AMD Radeon™ RX 6600 Graphics Card runs on the powerful Dual-X Cooling Technology coupled with Intelligent Fan Control to keep temperatures low and fan noise low. The refined PCB design delivers stable, reliable, and steady performance, which efficiently lowers PCB temperature and component signal noise.

THE ULTIMATE GAME CHANGER

Powerhouse Performance for 1080P Gaming



Every game.

Every frame.

AMD RDNA™ 2

PERFORMANCE TO LEVEL UP YOUR GAME

Gear up for incredible 1080p gaming performance and boost your frame rates with AMD FidelityFX Super Resolution.

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AMD RADEON™ RX 6600

Introducing AMD Radeon™ RX 6600 Series graphics cards, featuring the breakthrough AMD RDNA™ 2 architecture. Engineered to deliver an incredible 1080p gaming experience, the AMD Radeon™ RX 6600 Series powers the next generation of gaming with vivid visuals and elevated experiences.

Powerhouse Performance

AMD Radeon™ RX 6600 Series graphics cards deliver serious 1080p gaming and ultra-high frame rates. Get up to 32 high-performance compute units, groundbreaking AMD Infinity Cache, and up to 8GB of dedicated GDDR6 memory. Experience the next gen of gaming performance with AMD Smart Access Memory technology¹ when you pair an AMD Radeon™ RX 6600 Series graphics card with an AMD Ryzen™ 5000 Series desktop processor.

RADEON

VILLAGE
RESIDENT EVIL.

Vivid Visuals

With immersive gaming technologies and support for DirectX® 12 Ultimate, AMD Radeon™ RX 6600 Series graphics cards draw you into the action. Experience gaming with realistic lighting, shadows, and reflections along with rich detail, thanks to DirectX® Raytracing (DXR), variable rate shading (VRS), and AMD FidelityFX features, optimized for AMD RDNA™ 2 architecture.

AMD Smart Access Memory Technology All AMD Performance. Built to Game.

Combine an AMD Ryzen 5000 Series processor or a select AMD Ryzen 3000 Series processor with an AMD Radeon RX 6600 Series graphics card to boost your system's performance, thanks to AMD Smart Access Memory technology¹. AMD Smart Access Memory enables AMD Ryzen processors to harness the full potential of the graphics card memory. Enjoy increased performance with all-AMD in your system for the ultimate gaming advantage.



GET A BOOST IN FRAMES FOR YOUR GAMES

AMD FidelityFX Super Resolution² (FSR) boosts your frame rates 2.4X on average in FSR supported games³ with high-quality, high-resolution gaming experiences delivered by AMD Radeon RX 6000 Series graphics cards. Optimize your gaming experience between four presets, ranging from best visual fidelity to maximum performance.

AMD
FidelityFX
Super Resolution

One Gaming DNA for PCs and Consoles

AMD RDNA™ 2 architecture is the foundation of next-generation gaming PCs and consoles. It is the bedrock of the revolution in PC gaming graphics and cloud gaming. AMD RDNA™ 2 elevates and unifies visual effects and gameplay across multi-gaming platforms, like no other graphics architecture before.



Windows 11

AMD RADEON PC GAMING IS WINDOWS 11 READY

Windows® 11 is created for the ultimate PC gaming, featuring superior graphics, amazing speed, and an incredible selection of games. Windows 11 includes gaming features like DirectX® 12 Ultimate, DirectStorage, and Auto HDR.

1. Smart Access Memory technology enablement requires an AMD Radeon 6000 series GPU, Ryzen 5000 or 3000 series GPU (excluding the Ryzen 5 3400G and Ryzen 3 3200G) and a 500 series motherboard with the latest BIOS update. For additional information and system requirements, see <https://www.amd.com/en/technologies/smart-access-memory>. GD-178

2. 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 & all AMD Ryzen™ Processors with Radeon™ Graphics, as long as 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.

3. Testing by AMD Performance Labs as of June 11, 2021, on the AMD Radeon™ 6900 XT, AMD Radeon™ 6800 XT, and AMD Radeon™ 6700 XT graphics cards with pre-release AMD Radeon™ Software 21.6.1 RC Prime 9 (21.20-210518a-367616e) driver with AMD Smart Access Memory enabled, on a test system comprising of an AMD Ryzen™ 9 5900X, 16GB DDR4-3200 RAM, ASRock X570 Taichi motherboard with BIOS version P3.61 at default settings, and Windows 10 Pro May 2020 Update (19041.508). Benchmark tests: Anno 1800, DX12, 3840 x 2160, Ultra High preset, no raytracing, Evil Genius 2, Vulkan, 3840 x 2160, Ultra preset, no raytracing, Godfall, DX12, 3840 x 2160, Epic preset, Raytracing ON, Kingshunt, DX12, 3840 x 2160, Ultra preset, no raytracing, The Riftbreaker, DX12, 3840 x 2160, Ultra preset, Raytracing ON, Terminator: Resistance, DX11, 3840 x 2160, Epic preset, no raytracing, Game 7, DX12, 3840 x 2160, High preset, no raytracing. Performance may vary and is dependent on the FSR Quality Mode selected. FSR requires developer integration and is available in select games only. RS-365.

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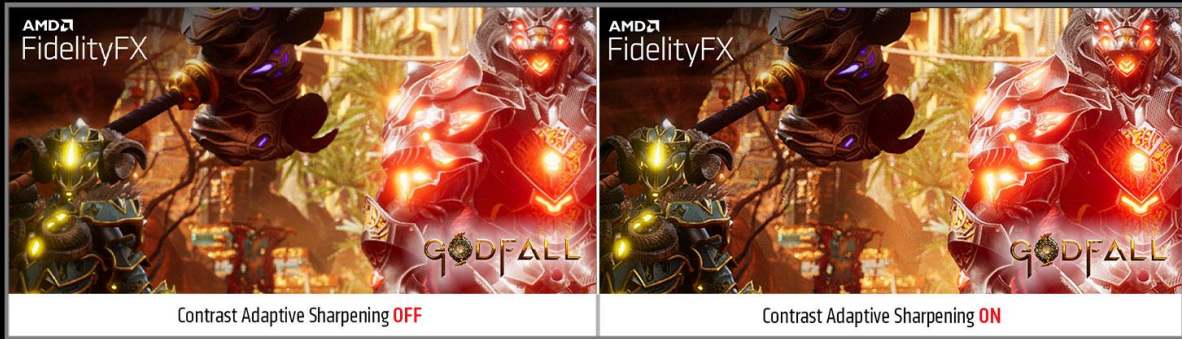
AMD FidelityFX

Join the Nation!

FidelityFX Contrast Adaptive Sharpening

Brings out the Details

Contrast Adaptive Sharpening (CAS) helps increase visual quality by enabling stunning visual sharpness with optional upscaling to restore detail lost after Temporal Anti-Aliasing (TAA) is applied. For games that support FidelityFX CAS, turning off Radeon™ Image Sharpening in Radeon™ Software to avoid over-sharpening is recommended.



FidelityFX Ambient Occlusion

More Realistic Geometry Shading

AMD RDNA™ architecture-optimized Combined Adaptive Compute Ambient Occlusion (CAO) dynamically and efficiently helps improve the appearance of objects based their exposure to ambient light.



FidelityFX Variable Shading

Get Performance with Quality

Uses AMD RDNA™ 2 architecture support for variable rate shading (VRS) to analyze luminance and motion of frames to help optimize rendering for optimal performance without lowering the image quality.

■ Full Shading Rate
■ 2x1 or 1x2 Shading Rate
■ 2x2 Shading Rate
(*Developer View Only)



DirectX® Raytracing

Experience Photorealistic Games

DirectX Raytracing (DXR) adds a new level of graphics realism to games through effects like reflections, shadows, and global illumination at real-time frame rates on AMD Radeon™ RX 6000 series graphics, thanks to AMD RDNA™ 2 architecture support for hardware-accelerated raytracing.



DirectX® Raytracing **OFF**



DirectX® Raytracing **ON**

DirectX® Raytracing

Experience Photorealistic Games

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DirectX® Raytracing **OFF**

DirectX® Raytracing **OFF**

DirectX® Raytracing **ON**



DirectX® Raytracing **OFF**

DirectX® Raytracing **ON**

DirectX® Raytracing **ON**

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Specifications

#SKU#: 11310-01-20G SAPPHIRE PULSE AMD Radeon™ RX 6600, 8GB, AMD RDNA™ 2

#SKU#: 11304-04-20G SAPPHIRE PULSE AMD RADEON™ RX 6600 GAMING 8GB GDDR6
HDMI / DP LITE EDITION

GPU	AMD Radeon™ RX 6600 Graphics Card 7nm GPU AMD RDNA™ 2 Architecture
Engine Clock	Boost Clock: Up to 2491 MHz Game Clock: Up to 2044 MHz Boost Clock is the maximum frequency achievable on the GPU running bursty workload. Boost clock achievability, frequency, and sustainabilty will vary based on several factors, including but not limited to: thermal conditions and variation in application and workloads. Game Clock is the expected GPU clock when running typical gaming applications, set to typical TGP(Total Graphics Power). Actual individual game clock results may vary.
Stream Processors	1792
Infinity Cache	32MB
Ray Accelerators	28
Memory	8GB GDDR6

Size/Bus		
Memory Clock	14 Gbps Effective	
Displays	Maximum 4 Displays	
Resolution	HDMI™: 7680×4320 DisplayPort1.4: 7680×4320	
Interface	PCI-Express 4.0	
Output	1x HDMI 3x DisplayPort	
BIOS Support	UEFI	
Game Index	1080P	
Sapphire Features	Premium Digital Power Design Fuse Protection Dual-X Cooling Technology Intelligent Fan Control Precision Fan Control Metal Backplate Two-Ball Bearing Fans TriXX Supported TriXX Boost	
AMD Features	AMD RDNA™ 2 Gaming Architecture DirectX® 12 Ultimate Hardware Raytracing Smart Access Memory Infinity Cache 7nm GPU PCI® Express 4.0 Support AMD FreeSync™ Technology DisplayPort™ 1.4 with DSC HDMI™ Video Streaming up to 8K Radeon™ VR Ready Premium AMD FidelityFX Radeon™ Image Sharpening Radeon™ Anti-Lag Radeon™ Software Game Driver Optimizations	
Cooling	Dual Fans	
Form Factor	2 slot, ATX Dimension: 193(L)X 120.05(W)X 40.05(H)mm	
Power Consumption	140W (Board Power)	
OS	Linux®, Windows® 7*, Windows® 10, and Windows 8.1. 64-bit operating system required *Does not support all features including but not limited to Hardware Raytracing	
System Requirement	Minimum 500 Watt Power Supply 1 x 8-pin Power Connector. PCI Express® based PC is required with one X16 lane graphics slot available on the motherboard. Minimum 8GB of system memory. 16GB recommended.	

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- Specifications provided here are for guidance only. Please check with your regional distributor or dealer for latest specifications.
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