



RADEON  
R9 SERIES



HOW TO SELL THE NEW

# AMD Radeon™ R9 295X2

*A new GPU for a new era in gaming*



## Who it's for

- Ultra-enthusiast gamers who want to play the hottest games at the highest detail settings across multiple displays or in 4K<sup>1</sup>
- Uncompromising gamers who want plenty of power for the most demanding applications



## Sell it in 5 seconds

The AMD Radeon™ R9 295X2 graphics card is the world's fastest, period.<sup>2</sup> A mammoth 8 gigabytes of GDDR5 memory and more than 11.5 teraflops of computing power help this card do what it was built to do: be the undisputed graphics champion.



## Sell it in 60 seconds

### Two AMD Radeon™ R9 series GPUs

When you're holding all the cards, it only makes sense to double down. We took two of our most advanced, Mantle technology-enabled GPUs and put them together in one cohesive unit. Don't bet against it.

### Factory-fitted liquid cooling system

In an industry first, the AMD Radeon™ R9 295X2 graphics card reference design ships with an advanced, maintenance-free closed-loop liquid cooling system developed jointly with Asetek. Enjoy cool temperatures, quiet operation and consistently high performance, right out of the box.

### All metal construction

Built from striking powder coated aluminium, this GPU is beautiful to behold. It's built to our highest standards, and it sends a message that's loud and clear: this is serious hardware.



## Why it's great

### Mantle technology<sup>3</sup>

There's optimization, and then there's Mantle technology. Games enabled with Mantle speak the language of Graphics Core Next architecture to unlock revolutionary performance and image quality.

### AMD TrueAudio technology<sup>4</sup>

Technology that puts the magic of surround sound into every headset and helps give sound engineers the freedom to innovate in ways they've never had before. This is what the future of PC gaming sounds like.

### Ultra resolution powerhouse

For some gamers, having enough isn't the point. For them, overkill is merely a starting point. That means extreme resolutions, multiple monitors and sliders to the max. Run ultra settings in 4K with impunity. Or get two million pixels more than 4K by combining five HD screens in an AMD Eyefinity technology setup.<sup>1</sup> Either way, the AMD Radeon R9 295X2 barely breaks a sweat.

**Don't Take Our Word for It!**

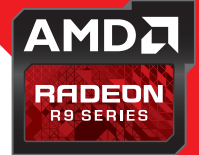
*"The Radeon R9 295X2 liberally destroys any other card in our line-up." – Hexus<sup>7</sup>*

*"This beast of a graphics card blasts through 4K gaming like a hot knife in butter and barely even breaks a sweat." – eTeknix<sup>8</sup>*

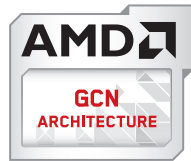
*"Look up the word 'performance' in the English Oxford dictionary and you will see the description 'AMD R9 295X2.'" – Kit Guru<sup>9</sup>*

# ✓ How they stack up

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AMD RADEON™ R9 295X2



## GCN is the Future

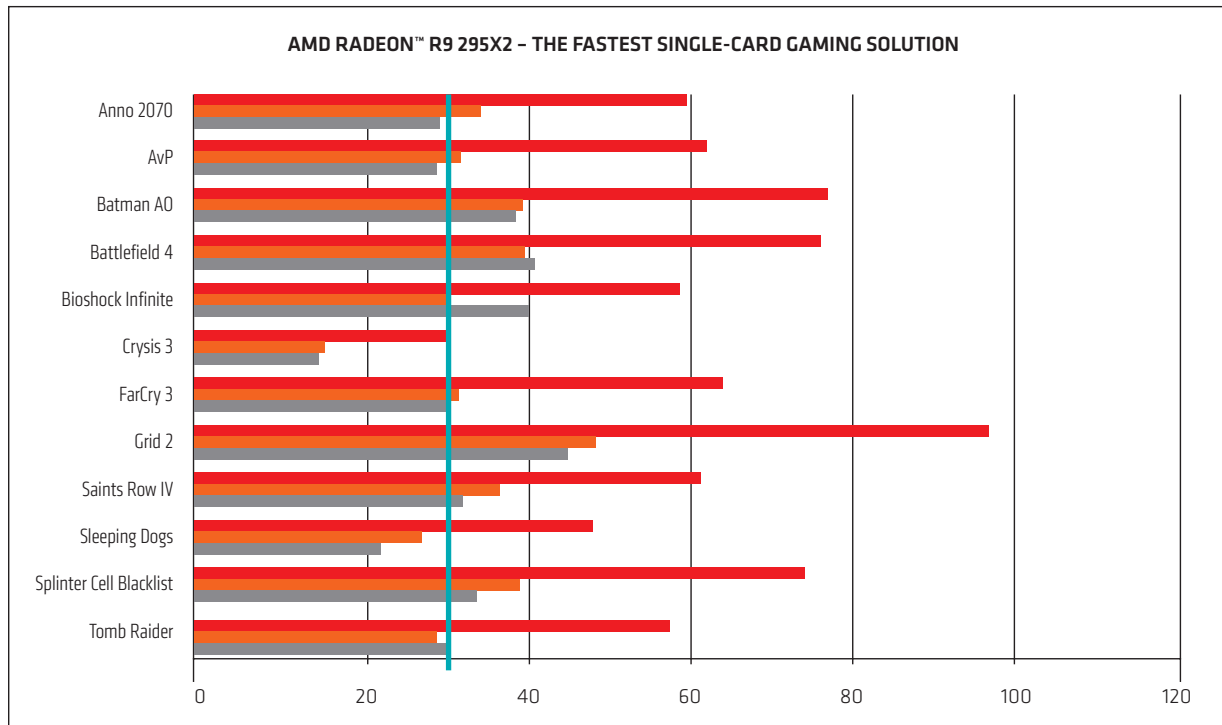


Our award-winning and powerful GCN architecture<sup>5</sup> is now the foundation of a common architecture that includes the next-generation game consoles and the AMD Radeon™ R9 and R7 series GPUs. This represents a massive vote of confidence by the industry in favor of AMD Radeon™ graphics.

GCN is a huge step forward, firmly placing AMD in the new era of heterogeneous computing, but without losing sight of efficiency or performance.

## Playing Today's Games at 3840x2160<sup>6</sup>

The following chart showcases the performance of AMD Radeon™ R9 295X2 graphics in a cross section of game genres and engines. All of these games have been tested at resolutions of 3840x2160.



1. AMD Eyefinity technology supports multiple monitors on an enabled graphics card. Supported display quantity, type and resolution vary by model and board design; confirm specifications with manufacturer before purchase. To enable more than two displays, or multiple displays from a single output, additional hardware such as DisplayPort™-ready monitors or DisplayPort 1.2 MST-enabled hubs may be required. A maximum of two active adapters is recommended for consumer systems. See [www.amd.com/eyefinityfaq](http://www.amd.com/eyefinityfaq) for full details. Gaming in 4K requires a 4K display and content. Supported resolution varies by GPU model and board design; confirm specifications with manufacturer before purchase.

2. In a 3DMark Fire Strike benchmark test in 1080p, the AMD Radeon™ R9 295X2 outperforms the Titan Black, Nvidia's highest performing graphics card as of March 12, 2014, by a score of 15,862 to 9,878 in the Performance preset, and 8,764 to 4,725 using the Extreme preset. Test system: Intel i7 4960X CPU, 16GB memory, Nvidia driver 334.89, AMD Catalyst driver 14.10 and Windows 8.1. GRDF-36

3. Application support for Mantle is required.

4. AMD TrueAudio™ technology is offered on select AMD Radeon™ R9 and R7 200 Series GPUs and is designed to improve acoustic realism. Requires an enabled game or application. Not all audio equipment supports all audio effects; additional audio equipment may be required for some audio effects. Not all products feature all technologies—check with your component or system manufacturer for specific capabilities.

5. GCN Architecture and its associated features (PCI Express® 3.0, AMD ZeroCore Power technology, AMD PowerTune technology etc.) are included in the AMD Radeon™ R9 295X2 graphics cards. Not all technologies are supported in all system configurations—check with your system manufacturer for specific model capabilities.

6. The test system comprised an Intel® Core™ i7-4960X processor, X79 motherboard, (4x4GB) DDR3 1866 9-10-9-27 memory, 2000GB Seag 7200rpm (ST2000DM001) hard disk drive, Sharp PN-K321 3840x2160 display, AMD Catalyst 14.10 Beta 1 driver and the Nvidia Forware 335.23 WHQL driver. The games were tested using the following settings: Anno 2070 3840x2160x32 quality-ultra AvP Benchmark 3840x2160x32 4xMSAA 16xAF texturequality=veryhigh shadowquality=high ssa=on tessellation=on advancedshadows=on BatmanAO 3840x2160x32 4xMSAAxAA GEOMETRYDETAIL=dx11 DYNAMICSHADOWS=dx11 MOTIONBLUR=on DOF=dx11 DISTORTION=on LENSFLARES=on LIGHTSHAFTS=on REFLECTIONS=on AO=dx11 Battlefield 4 3840x2160x32 quality-ultra mantle=off Bioshock 3840x2160x32 systemspec=ultraddof Crysis 3 3840x2160x32 4xMSAA 16xAF systemspec=veryhigh msaa=smaaahigh FarCry 3 3840x2160x32 quality-ultra ssa=hdao Grid 2 3840x2160x32 8xMSAA 16xAF quality-ultra SaintsRowIV 3840x2160x32 8xAA 16xAF quality-ultra Sleeping Dogs 3840x2160x32 highxAA 16xAF aaquality=high highrestextures=on shadows=high shadowfilter=high motionblur=high ssa=high worlddensity=4K Splinter Cell Blacklist 3840x2160x32 quality-ultra TombRaider 3840x2160x32 16xAF tessfx=on aatype=fxaa texturequality-ultra shadowmode=on shadowresolution=high ssaomode=ultra dofquality=ultra reflectionquality=high lod=ultra postprocess=on highprecisionrt=on tessellation=on

7. Taken from <http://hexus.net/tech/reviews/graphics/68381-amd-radeon-r9-295x2/?page=13> on April 24, 2014

8. Taken from <http://www.eteknix.com/amd-radeon-r9-295x2-8gb-graphics-card-review/> on April 24, 2014, page 20

9. Taken from <http://www.kitguru.net/components/graphic-cards/zardon/amd-radeon-r9-295x2-review/> on April 24, 2014, page 29

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