

THE AMD RADEON™ PRO WORKSTATION GRAPHICS FAMILY

AMD Radeon™ Pro graphics cards are designed for design and visualization professionals who are eager to push the boundaries.

AMD Radeon Pro graphics cards are optimized and certified on many of today's popular design and engineering applications. Rigorous certification processes conducted by ISVs and OEMs test AMD Radeon™ Pro graphics against real-world scenarios to help ensure their readiness for demanding professional use.



Model courtesy of Adi Pandžić, CGP Design



Radeon™ Pro W5700 Graphics

Expand your design workflows with real-time visualization capabilities powered by the cutting-edge AMD RDNA architecture. The World's first 7nm PC workstation graphics card.

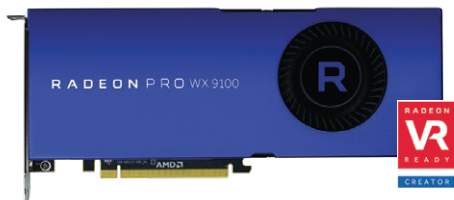


NEW



Radeon™ Pro W5500 Graphics

Delivers a certified, dependable solution for professionals and enterprise customers enabling designers to visualize and interact with their products early during the product lifecycle.



Radeon™ Pro WX 9100 Graphics

Delivering up to 2.4x the performance over the comparable previous generation graphics card from AMD¹, Radeon™ Pro WX9100 graphics card is ready to tackle the most demanding professional workloads, from production-grade VR content creation to design simulations⁶.



Radeon™ Pro WX 8200 Graphics

From real-time visualization to virtual reality and rendering, the AMD Radeon™ Pro WX 8200 workstation graphics card can conquer your most challenging professional workloads⁶.



Radeon™ Pro WX 7100 Graphics

The single-slot workstation graphics solution, built to handle design and manufacturing as well as media and entertainment workflows. Ready for VR⁵.



Radeon™ Pro WX 5100 Graphics

Ideal for real time content engines, immersive design and manufacturing including CAD and CAM.



Radeon™ Pro WX 4100 Graphics

Great performance in a low-profile card, designed for small form factor (SFF) workstations.



Radeon™ Pro WX 3200 Graphics

Built for mainstream CAD professionals, the Radeon™ Pro WX 3200 graphics card is AMD's most cost-effective ISV-certified graphics solution under USD \$200² for small factor workstations.



Radeon™ Pro WX 2100 Graphics

Your journey in professional graphics begins here. The Radeon Pro WX 2100 delivers 94% greater performance over the previous generation³.

AMD Radeon™ Pro Highlights*

8K Display Support

Support for next generation 8K displays for maximum fidelity in professional content visualization.

10-bit Color

Native support for 10-bits per color channel for color-critical tasks. Driving an effective 30-bits per pixel throughout the entire pipeline, professionals can confidently depend on the color accuracy of their work.

Certifications

AMD Radeon™ Pro WX and W series graphics are optimized and certified on many of today's most popular applications for Manufacturing, Architecture, Engineering and Construction (AEC) and Media and Entertainment industries.

HDR Ready⁴

High dynamic range (HDR) capability enables visuals that closely match what is familiar to the human eye.

AMD Eyefinity Technology⁵

A unique multi-display technology which enables one graphics card to output high-quality visuals on three, four and even six displays from a single workstation or PC. This reduces overall system complexity and allows multiple graphics cards to be combined and synchronized to create massive display walls across a multitude of screens.

VR Ready Creator⁶

Cards designated VR Ready Creator have extraordinary performance needed for professional VR workflows, and empowers VR content creators and experience designers with amazingly powerful and capable development tools from the AMD LiquidVR™ SDK⁷.

Capable products: AMD Radeon™ Pro WX 9100, WX 8200, W5700, WX 7100 and W5500.

4K Accelerated Encode/Decode⁷

Multi-stream hardware H.265HD encode/decode for power efficient and quick video encoding and playback.

Your Workstation Virtually Anywhere⁸

AMD Remote Workstation allows for an easy to deploy, reliable, and cost-effective solution that provides a full GPU-accelerated experience of your workstation from virtually anywhere.

Supported products: AMD Radeon™ Pro WX 9100, WX 8200, W5700, WX 7100, W5500, WX 5100 and WX 4100.

*Please note not all cards support all features listed above.

Visit www.amd.com/radeonpro for additional information about the Radeon Pro graphics family.

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1. Testing conducted by AMD Performance Labs as of Oct 4th, 2017, on a test system comprising of Intel E5-1650 v3, 16GB DDR4 system memory, Samsung 850 PRO 512GB SSD, Windows® 10 Enterprise 64-bit, Radeon™ Pro WX 9100, AMD FirePro™ W9100, AMD graphics driver 17.30. Benchmark Application: Autodesk VRED AMD internal benchmark - graphics geomean. Radeon™ Pro WX 9100 score: 27.51. AMD Fire Pro™ W9100 score: 66.06. Performance Differential: (66.06-27.51)/27.5 = 140.121% (~2.4x) higher score on Radeon™ Pro WX 9100 than on AMD FirePro™ Pro W9100. PC manufacturers may vary configurations, yielding different results. Performance may vary based on use of latest drivers. Performance may vary based on use of latest drivers. RPW-191

2. Radeon™ Pro WX 3200 graphics card is priced at USD 199, offering up to 1.66 TFLOPS of peak SPFP, and 10 Compute Units. The Radeon™ Pro WX 3100 graphics card is priced at USD \$199, offering up to 1.25 TFLOPS of peak SPFP, and 8 Compute Units. The Radeon™ Pro WX 2100 graphics card is priced at USD \$170, offering up to 1.25 TFLOPS of peak SPFP, and 8 Compute Units. RPW-251

3. Testing conducted by AMD Performance Labs as of March 22nd, 2017 on a test system comprising of Intel E5-1650 v3 @ 3.50 GHz, 16GB DDR4 physical memory, Windows 7 Professional 64-bit, Radeon™ Pro WX2100/FirePro™ W2100/Radeon™ Pro WX3100/FirePro™ W4100, AMD graphics driver 17.10 and LITEON 512GB SSD. Benchmark Application: Estimated SPECviewperf® 12.1 Geomean Results. Radeon™ Pro WX2100 score: 16.79, FirePro™ W2100 score: 8.61. Performance Differential: (16.79-8.61)/8.61 = ~94.96% faster performance on Radeon™ Pro WX2100. Radeon™ Pro WX3100 score: 27.92, FirePro™ W4100 score: 11.71. Performance Differential: (27.92-11.71)/11.71 = ~2.3x faster performance on Radeon™ Pro WX3100. Scores are estimates based on AMD internal lab measurements/modelling and may vary. Additional information about SPECviewperf® 12.1 can be found at www.spec.org. PC manufacturers may vary configurations, yielding different results. Performance may vary based on use of latest drivers. Performance may vary based on use of latest drivers. RPWX - 172

4. As of June 2017. Product is based on the DisplayPort 1.4 Specification published February 23, 2016, and has passed VESA's compliance testing process (excluding HDR) in June 2017. GD-123

5. AMD Eyefinity technology supports up to six DisplayPort 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. See www.amd.com/eyefinityfaq for full details.

6. Radeon™ VR Ready Creator Products are select Radeon™ Pro and AMD FirePro™ GPUs that meet or exceed the Oculus Rift or HTC Vive recommended specifications for video cards/GPUs. Other hardware (including CPU) and system requirements recommended by Oculus Rift or HTC Vive should also be met in order to operate the applicable HMDs as intended. As VR technology, HMDs and other VR hardware and software evolve and/or become available, these criteria may change without notice. PC/System manufacturers may vary configurations, yielding different VR results/performance. Check with your PC or system manufacturer to confirm VR capabilities. GD - 101. For more information, visit <https://www.amd.com/en/technologies/vr>

7. HEVC (H.265), H.264, and VP9 acceleration are subject to and not operable without inclusion/installation of compatible HEVC players. GD-81.

8. Remote Workstation functionality requires AMD Radeon Pro Software for Enterprise driver 18.Q4 or newer plus purchase and installation of Citrix Virtual Apps & Desktops or Microsoft Remote Desktop Services. RPS-50. Learn more about AMD's Remote Workstation: <https://www.amd.com/en/technologies/radeon-pro-software>



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