

AMD RADEON PRO

Professional Graphics

DELL EMC



For the Creators. The Visionaries. The Storytellers.

AMD Radeon™ Pro provides the performance, features and reliability needed to tackle professional workflows ranging from MCAD and CAE to video post-production and visual effects. With stringent product qualification, application certifications, performance optimizations and regular enterprise driver updates, professionals can be assured a high quality visual experience and peace of mind when working on mission critical projects. The Radeon™ Pro family of professional graphics solutions was crafted, from the ground up, for the most demanding of professional users.



AUTODESK

FOUNDRY



SIEMENS

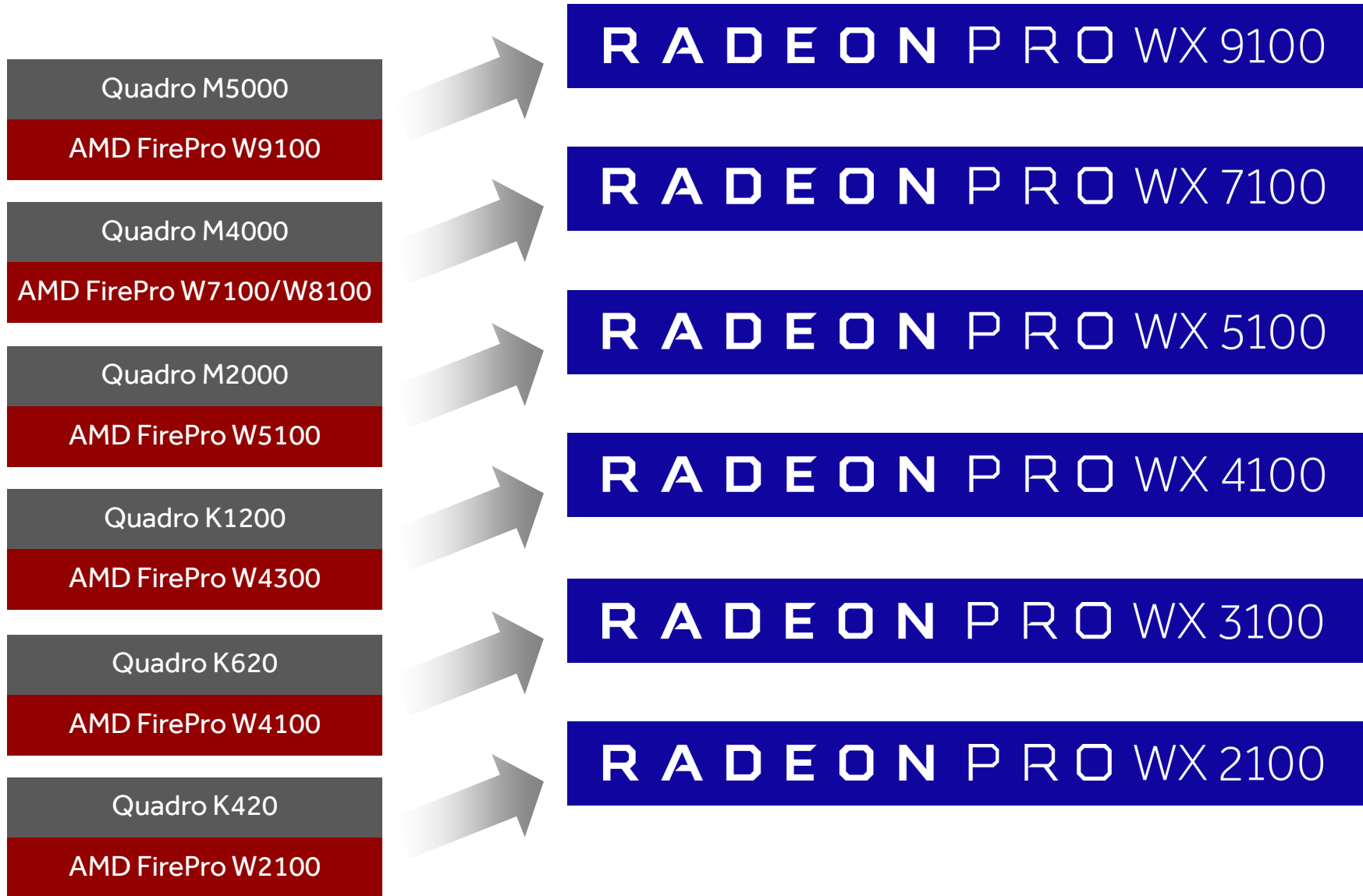


Optimized and certified for leading professional applications



Designed for maximum reliability and stability

	Display		Performance					Features						Multimedia			Form Factor		Equivalent Form Factor	Available Systems		
	Max Resolution per Display Output	Display Connectors	Peak Single Precision (FP32 TFLOPS)	Peak Double Precision (FP64 TFLOPS)	Graphics Core Next Stream Processors	Video Memory	Memory Bandwidth	DirectX® 12	OpenGL Version	OpenGL™ Version	Vulkan® Version	VR Ready	ECC Memory	HBC Controller	HEVC Encode	3D Stereo Connectivity	AMD DirectGMA	FrameLock/Genlock ¹			Maximum Power Consumption	PCIe Power Connectors
Radeon™ Pro SSG	7680x4320	(6x) Mini-DP	12.29	0.77	4096	16 GB HBM2 + 2 TB SSG	484 GB/s	12_1	4.5	2.0	1.0	●	●	●	●	●	●	●	260 W	1x 8-pin 1x 6-pin	N/A	Precision T5820, T7820, T7920, R7920
Radeon™ Pro WX 9100	7680x4320	(6x) Mini-DP	12.29	0.77	4096	16 GB HBM2	484 GB/s	12_1	4.5	2.0	1.0	●	●	●	●	●	●	●	230 W	1x 8-pin 1x 6-pin	Quadro P5000	Precision T5820, T7820, T7920, R7920
Radeon™ Pro WX 7100	7680x4320	(4x) DP	5.73	0.36	2304	8 GB GDDR5	224 GB/s	12_0	4.5	2.0	1.0	●			●	●	●	●	130 W	1x 6-pin	Quadro P4000	Precision T3620, T5820, T7820, T7920, R7920,
Radeon™ Pro WX 5100	7680x4320	(4x) DP	3.89	0.24	1792	8 GB GDDR5	160 GB/s	12_0	4.5	2.0	1.0				●	●	●	●	75 W	None	Quadro P2000	Precision T3620, T5820 T7820, T7920,
Radeon™ Pro WX 4100	7680x4320	(4x) Mini-DP	2.46	0.15	1024	4 GB GDDR5	96 GB/s	12_0	4.5	2.0	1.0				●		●	●	50 W	None	Quadro P1000	Precision T3420, T3620, T5820 T7820, T7920,
Radeon™ Pro WX 3100	5120x2880	(2x) Mini-DP (1x) DP	1.25	0.08	512	4 GB GDDR5	96 GB/s	12_0	4.5	2.0	1.0				●			●	50 W	None	Quadro P600	Precision T3420, T3620, T5820
Radeon™ Pro WX 2100	5120x2880	(2x) Mini-DP (1x) DP	1.25	0.08	512	2 GB GDDR5	48 GB/s	12_0	4.5	2.0	1.0				●				35 W	None	Quadro P400	Precision T5820, T7820, T7920 T3620, T3420
AMD FirePro™ W9100	4096x2160	(6x) Mini-DP	5.24	2.62	2816	32 GB GDDR5	320 GB/s	11_1	4.5	2.0	1.0	●	●			●	●	●	275 W	1x 8-pin 1x 6-pin	Quadro M6000	Precision T7910, R7910
AMD FirePro™ W8100	4096x2160	(4x) DP	4.20	2.10	2560	8 GB GDDR5	320 GB/s	11_1	4.5	2.0	1.0		●			●	●	●	220 W	2x 6-pin	Quadro M5000	Precision T5810, T7810, T7910
AMD FirePro™ W7100	4096x2160	(4x) DP	3.30	0.21	1792	8 GB GDDR5	160 GB/s	11_1	4.5	2.0	1.0					●	●	●	150 W	1x 6-pin	Quadro M4000	Precision T3620, T5810, T7810
AMD FirePro™ W5100	4096x2160	(4x) DP	1.43	0.09	768	4 GB GDDR5	96 GB/s	11_1	4.5	2.0	1.0					●	●		75 W	None	Quadro M2000	Precision T3620, T5810, T7810 R7910
AMD FirePro™ W4100	4096x2160	(4x) Mini-DP	0.65	0.04	512	2 GB GDDR5	64 GB/s	11_1	4.5	2.0	1.0								50 W	None	Quadro K600	Precision T3420, T3620, T5810 T7810, T7910
AMD FirePro™ W2100	4096x2160	(2x) DP	0.40	0.02	320	2 GB DDR3	28.8 GB/s	11_1	4.5	2.0	1.0								26 W	None	Quadro K400	Precision T3420, T3620, T5810 T7810, T7910



Radeon™ Pro WX 2100



Radeon™ Pro WX 3100

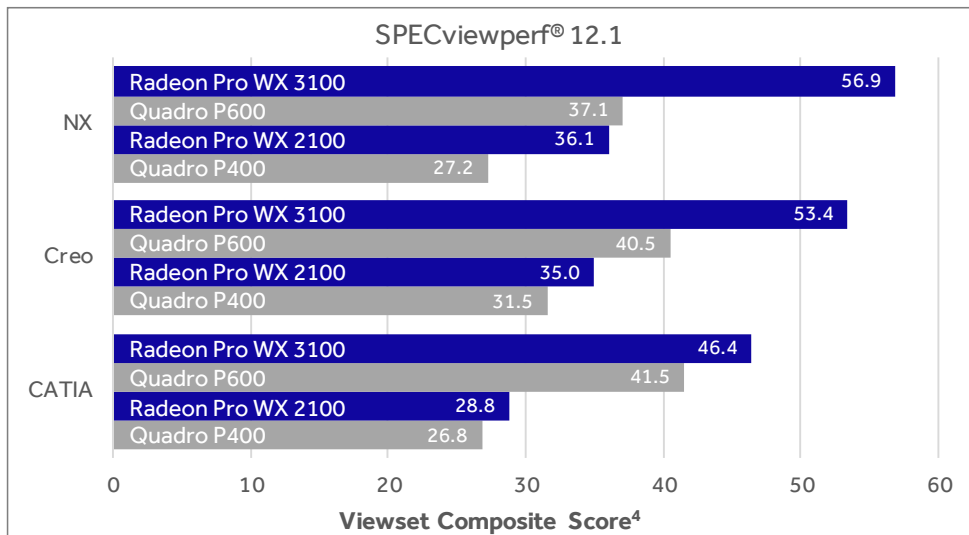


The Radeon™ Pro WX 3100 and WX 2100 graphics cards are redefining entry-level workstation graphics. Based on the efficient "Polaris" GPU architecture with AMD's 4th generation Graphics Core Next compute units, these GPUs offer performance gains of up to 2x over the previous generation², providing users with mainstream CAD performance and advanced features all at an entry-level workstation graphics price point. Radeon Pro WX 3100 and Radeon Pro WX 2100 are the fastest entry-level workstation graphics for CAD professionals⁴, making them the ideal solutions for major design suites such as Dassault Systèmes® CATIA™.

Radeon™ Pro WX 4100



Content creation has evolved, and so have the demands of the designers and creators. Gone are the days where the only definition of a workstation was having a powerful but large desktop system. CAD professionals want flexible, sleek, and quiet small form-factor workstations. Radeon™ Pro WX 4100 delivers the performance and reliability workstation users need to get their job done, delivering true workstation performance in a low-profile solution. In addition, the Radeon Pro WX 4100 supports the latest display technologies such as DisplayPort™ 1.4 HBR3/HDR Ready outputs³, which allows users to drive stunning 8K content from their small form factor workstation.



Feature	Benefit
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.
HDR Ready ¹	High dynamic range (HDR) capability enables visuals that closely match what is familiar to the human eye.

Radeon™ Pro WX 5100



The Radeon™ Pro WX 5100 is ready for the game engine revolution in design and manufacturing. Game engines have become increasingly commonplace in today's immersive computing era, integrating themselves alongside traditional CAD applications such as the Autodesk® suite, Siemens PLM software, and Dassault Systèmes® SOLIDWORKS®. Game engines, such as Unreal Engine and Unity, allow for interactive visualization of models and scenes, such as those in automotive design or architecture, to become part of the design workflow. The ability to rapidly generate high fidelity visualization of designs without having to rely on tradition time-consuming offline renderers is a major boon to productivity.

Bring static CAD models to life with the new Radeon™ Pro WX 5100, which is equipped with 8GB of GDDR5 memory, 4th gen Graphics Core Next (GCN) compute units and up to 3.9 TFLOPS of single precision compute performance. The Radeon Pro WX 5100 delivers exceptional, real-time graphics, giving professional users an experience never before seen at this price point.

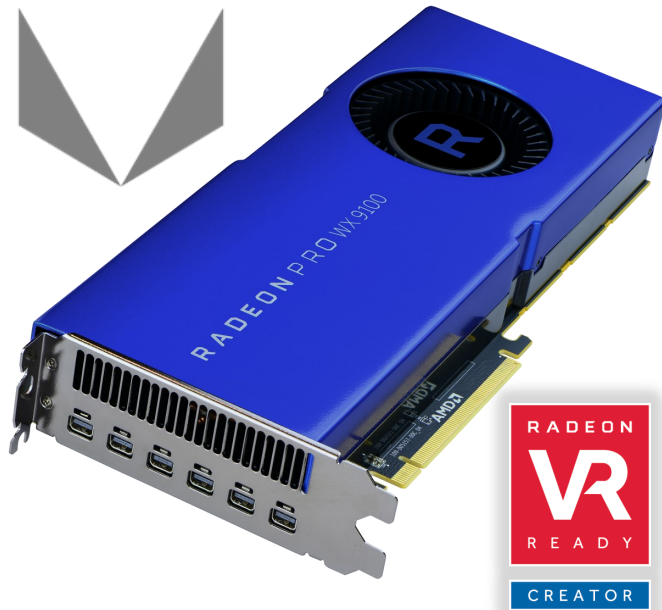
Radeon™ Pro WX 7100



The Radeon™ Pro WX 7100 is a Radeon VR Ready Creator⁵ graphics card powered by the "Polaris" architecture. Enabling exceptional performance and world-class innovation, it empowers VR content creators and experience designers with the amazingly powerful and capable development tools available in the AMD LiquidVR™ SDK. Virtual Reality is emerging as the next major industry inflection point for Design & Manufacturing as well as Media & Entertainment workflows.

The Radeon Pro WX 7100 delivers the performance needed to drive user experiences to this next level of immersion. Artists and designers can now create 360-degree video stitching content for virtual environments with ease. The Radeon Pro WX 7100 is a powerful graphics solution for traditional professional workloads and ready for VR when you are, ready to be pushing the boundaries of what's possible, allowing you to create and explore large models with ease.





Radeon™ Pro WX 9100

The Radeon™ Pro WX 9100 workstation graphics card is based on AMD's latest, cutting-edge "Vega" GPU architecture. With "Vega" at its core, the Radeon™ Pro WX 9100 ushers in a wealth of technologies like the High Bandwidth Cache Controller (HBCC), a radically new GPU memory hierarchy allowing previously untapped flexibility, and crossing new frontiers in real-time visualization with hyper-realistic rendering techniques.

The Radeon™ Pro WX 9100 will help drive GPU-accelerated OpenCL™ performance to new heights, allowing animators and designers to achieve extraordinary levels of photorealistic rendering using technologies such as Radeon™ ProRender. With the "Vega" architecture's incredible throughput and optimized load-balancing, filmmakers will be able to integrate game engines into the workflow to create high-fidelity real-time visual effects pre-visualizations to help drive on-set decisions on-the-fly. And when it is time for post-production, the Radeon™ Pro WX 9100 workstation graphics card can handle ultra high resolution video footage with ease.

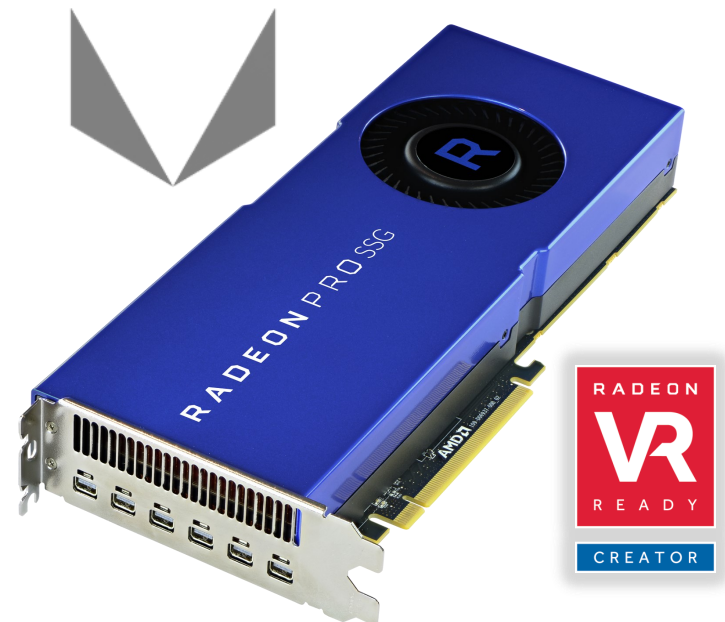
Radeon™ Pro SSG

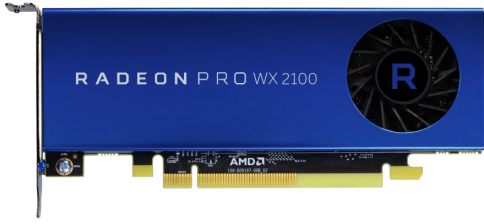
Unlock new workflow capabilities with the power of 2 TB of SSG storage directly integrated on the graphics card.

The Radeon™ Pro SSG professional graphics card, powered by AMD's latest "Vega" architecture, ushers in a new paradigm of workflows for professional content creation and visualization by giving the GPU direct, high speed access to large asset caches via its innovative High Bandwidth Cache Controller.

Recommended use cases:

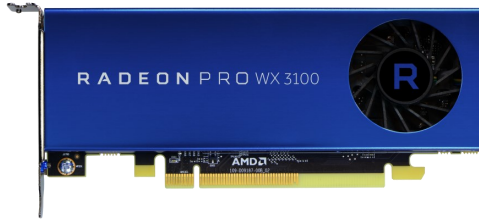
- Ultra-high resolution real-time video editing
- Real-time photorealistic raytracing
- Scientific computations involving hundreds of gigabytes of data





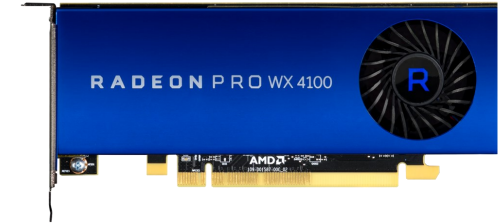
Radeon Pro WX 2100 Versus Quadro P400

1.25 TFLOPS	Peak FP32 Performance	0.64 TFLOPS
48 GB/s	Memory Bandwidth	32 GB/s
2 GB	Memory Size	2 GB
2x Mini-DP, 1x DP	Display Outputs	3x Mini-DP



Radeon Pro WX 3100 Versus Quadro P600

1.25 TFLOPS	Peak FP32 Performance	1.20 TFLOPS
96 GB/s	Memory Bandwidth	64 GB/s
4 GB	Memory Size	2 GB
2x Mini-DP, 1x DP	Display Outputs	4x Mini-DP



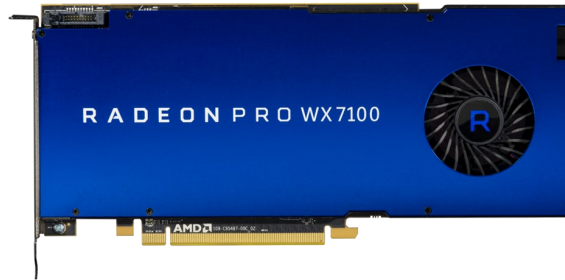
Radeon Pro WX 4100 Versus Quadro P1000

2.46 TFLOPS	Peak FP32 Performance	1.89 TFLOPS
96 GB/s	Memory Bandwidth	80 GB/s
4 GB	Memory Size	4 GB
4x Mini-DP	Display Outputs	4x Mini-DP



Radeon Pro WX 5100 Versus Quadro P2000

3.89 TFLOPS	Peak FP32 Performance	3.00 TFLOPS
160 GB/s	Memory Bandwidth	140 GB/s
8 GB	Memory Size	5 GB
4x DP	Display Outputs	4x DP



Radeon Pro WX 7100 Versus Quadro P4000

5.73 TFLOPS	Peak FP32 Performance	5.30 TFLOPS
224 GB/s	Memory Bandwidth	243 GB/s
8 GB	Memory Size	8 GB
4x DP	Display Outputs	4x DP



Radeon Pro WX 9100 Versus Quadro P5000

12.3 TFLOPS	Peak FP32 Performance	8.9 TFLOPS
484 GB/s	Memory Bandwidth	288 GB/s
16 GB	Memory Size	16 GB
6x Mini-DP	Display Outputs	4x DP, 1x DVI



Precision Tower 3420



Precision Tower 3620



Precision Tower 5820



Precision Tower 7820



Precision Tower 7920



Affordable professional performance in a space saving small form factor.

Affordable performance in an expandable mini-tower.

Big power in an innovative compact design.

Dual processor performance in an innovative compact design.

World's most powerful workstation.

Graphics Options

Radeon™ Pro WX 2100
Radeon™ Pro WX 3100
Radeon™ Pro WX 4100

Radeon™ Pro WX 2100
Radeon™ Pro WX 3100
Radeon™ Pro WX 4100
Radeon™ Pro WX 5100
Radeon™ Pro WX 7100

Radeon™ Pro WX 2100
Radeon™ Pro WX 3100
Radeon™ Pro WX 4100
Radeon™ Pro WX 5100
Radeon™ Pro WX 7100
Radeon™ Pro WX 9100
Radeon™ Pro SSG

Radeon™ Pro WX 2100
Radeon™ Pro WX 3100
Radeon™ Pro WX 4100
Radeon™ Pro WX 5100
Radeon™ Pro WX 7100
Radeon™ Pro WX 9100
Radeon™ Pro SSG

Radeon™ Pro WX 2100
Radeon™ Pro WX 3100
Radeon™ Pro WX 4100
Radeon™ Pro WX 5100
Radeon™ Pro WX 7100
Radeon™ Pro WX 9100
Radeon™ Pro SSG

Precision Rack 7920

Precision Rack 7910



Ultimate performance and security in a 2U form factor.

2U rack workstation ideal for secure remote users.

Graphics Options

Radeon™ Pro WX 4100
 Radeon™ Pro WX 5100
 Radeon™ Pro WX 7100
 Radeon™ Pro WX 9100
 Radeon™ Pro SSG

AMD FirePro™ W5100
 AMD FirePro™ W7100
 AMD FirePro™ W9100



Robust DisplayPort Output Capabilities

Product	DisplayPort Outputs	4K (3840x2160)	5K (5120x2880)	8K (7680x4320)
Radeon™ Pro SSG	6x Mini-DisplayPort 1.4	6 @ 60 Hz 2 @ 120 Hz	3 @ 60 Hz (dual cable) 3 @ 60 Hz (single cable)	1 @ 60 Hz (dual cable) 1 @ 30 Hz (single cable)
Radeon™ Pro Duo	3x Mini-DisplayPort 1.4	3 @ 60 Hz 1 @ 120 Hz	1 @ 60 Hz (dual cable) 1 @ 60 Hz (single cable)	1 @ 60 Hz (dual cable) 1 @ 30 Hz (single cable)
Radeon™ Pro WX 9100	6x Mini-DisplayPort 1.4	6 @ 60 Hz 2 @ 120 Hz	3 @ 60 Hz (dual cable) 3 @ 60 Hz (single cable)	1 @ 60 Hz (dual cable) 1 @ 30 Hz (single cable)
Radeon™ Pro WX 7100	4x DisplayPort 1.4	4 @ 60 Hz 1 @ 120 Hz	2 @ 60 Hz (dual cable) 1 @ 60 Hz (single cable)	1 @ 60 Hz (dual cable) 1 @ 30 Hz (single cable)
Radeon™ Pro WX 5100	4x DisplayPort 1.4	4 @ 60 Hz 1 @ 120 Hz	2 @ 60 Hz (dual cable) 1 @ 60 Hz (single cable)	1 @ 60 Hz (dual cable) 1 @ 30 Hz (single cable)
Radeon™ Pro WX 4100	4x Mini-DisplayPort 1.4	4 @ 60 Hz 1 @ 120 Hz	2 @ 60 Hz (dual cable) 1 @ 60 Hz (single cable)	1 @ 60 Hz (dual cable) 1 @ 30 Hz (single cable)
Radeon™ Pro WX 3100	2x Mini-DisplayPort 1.4 1x DisplayPort 1.4	3 @ 60 Hz 1 @ 120 Hz	1 @ 60 Hz (dual cable) 1 @ 60 Hz (single cable)	---
Radeon™ Pro WX 2100	2x Mini-DisplayPort 1.4 1x DisplayPort 1.4	3 @ 60 Hz 1 @ 120 Hz	1 @ 60 Hz (dual cable) 1 @ 60 Hz (single cable)	---
AMD FirePro™ W9100	6x Mini-DisplayPort 1.2	3 @ 60 Hz (MST monitor) 1 @ 60 Hz (SST monitor)	3 @ 60 Hz (dual cable)	---
AMD FirePro™ W8100	4x DisplayPort 1.2	3 @ 60 Hz (MST monitor) 1 @ 60 Hz (SST monitor)	2 @ 60 Hz (dual cable)	---
AMD FirePro™ W7100	4x DisplayPort 1.2	3 @ 60 Hz	2 @ 60 Hz (dual cable)	---
AMD FirePro™ W5100	4x DisplayPort 1.2	3 @ 60 Hz (MST monitor) 1 @ 60 Hz (SST monitor)	2 @ 60 Hz (dual cable)	---
AMD FirePro™ W4300	4x Mini-DisplayPort 1.2	3 @ 60 Hz (MST monitor) 1 @ 60 Hz (SST monitor)	2 @ 60 Hz (dual cable)	---
AMD FirePro™ W4100	4x Mini-DisplayPort 1.2	3 @ 60 Hz (MST monitor) 1 @ 60 Hz (SST monitor)	2 @ 60 Hz (dual cable)	---
AMD FirePro™ W2100	2x DisplayPort 1.2	1 @ 60 Hz 2 @ 30 Hz	1 @ 60 Hz (dual cable)	---

Software Vendor	Application	Entry ~10% of Users	Mid Level ~80% of Users	High End ~10% of Users
The following information is based on average application use and is intended as a guideline. Individual workflows and application usage must be taken into consideration when selecting a professional graphics card.		2D/Motion Media Design 3D Modeling & Animation	Highend 2D & VFX Design Complex 3D Design Hardware (GPU) Rendering	High-end VFX Design Real-time 3D Design-Vis High-end 3D Animation and FX Computational Design
Adobe	After Effects	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 9100
	Photoshop CC	Radeon Pro WX 2100	Radeon Pro WX 5100	Radeon Pro WX 9100
	Premiere Pro CC	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 9100
Altair Engineering	HyperWorks	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
ANSYS	ANSYS Mechanical	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	FLUENT	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	CEI EnSight	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	SpaceClaim	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
	Workbench	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
Assimilate	Scratch	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
Autodesk	3ds Max	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	AutoCAD	Radeon Pro WX 3100	Radeon Pro WX 5100	Radeon Pro WX 7100
	Inventor	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
	Maya	Radeon Pro WX 4100	Radeon Pro WX 7100	Radeon Pro WX 9100
	Moldflow	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	Revit	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	Vred	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
Bentley Systems	MicroStation	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
Beta CAE Systems	ANSA	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
Blackmagic Design	DaVinci Resolve	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	Fusion	Radeon Pro WX 4100	Radeon Pro WX 7100	Radeon Pro WX 9100
CGTech	Vericut	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
Chaos Group	V-Ray	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
COMSOL	COMSOL Multiphysics	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100

Software Vendor	Application	Entry ~10% of Users	Mid Level ~80% of Users	High End ~10% of Users
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Dassault Systèmes	3DEXPERIENCE	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	CATIA	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	DELMIA	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	SIMULIA Abaqus	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	SOLIDWORKS	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
ESRI	ArcGIS	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
Graphisoft	ArchiCAD	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
IronCAD	IronCAD	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
Missler Software	TopSolid	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
Maxon	Cinema 4D	Radeon Pro WX 3100	Radeon Pro WX 5100	Radeon Pro WX 9100
MSC Software	Adams	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	Apex	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	Patran	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	SimXpert	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
Nemetschek	Allplan	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
OPTIS	THEIA-RT	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
PTC	Creo	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
Robert McNeel & Assoc.	Rhinoceros	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
Side Effects	Houdini	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
Siemens PLM Software	Femap	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
	NX	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
	Solid Edge	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
	Teamcenter	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
	Technomatix	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100



GPU Recommendations for Certified Applications

Software Vendor	Application	Entry ~10% of Users	Mid Level ~80% of Users	High End ~10% of Users
The following information is based on average application use and is intended as a guideline. Individual workflows and application usage must be taken into consideration when selecting a professional graphics card.		2D/Motion Media Design 3D Modeling & Animation	Highend 2D & VFX Design Complex 3D Design Hardware (GPU) Rendering	High-end VFX Design Real-time 3D Design-Vis High-end 3D Animation and FX Computational Design
Foundry	Mari	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	Modo	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
	Nuke	Radeon Pro WX 5100	Radeon Pro WX 7100	Radeon Pro WX 9100
Trimble	Sketchup	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
Vero Software	Edgecam	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100
	VISI	Radeon Pro WX 4100	Radeon Pro WX 5100	Radeon Pro WX 7100

	Display	Performance					Features					Multimedia			Upgrade from	Available Systems
	Max Resolution per Display Output	Peak Single Precision (FP32 TFLOPs)	Graphics Core Next Stream Processors	Video Memory	Memory Bandwidth	Power Consumption	DirectX® 12	OpenGL Version	OpenCL™ Version	Vulkan® Version	VR Ready	HEVC Encode	AMD FreeSync	AMD Eyefinity		
Radeon™ Pro WX 7100	7680x4320	5.72	2304	8 GB GDDR5	160 GB/s	100 W	12_0	4.5	2.0	1.0	●	●	●	●	FirePro W7170M Quadro M3000M	Precision 7720 Precision 5720 AIO
Radeon™ Pro WX 4150	7680x4320	1.89	896	4 GB GDDR5	96 GB/s	45 W	12_0	4.5	2.0	1.0		●	●	●	FirePro W5170M Quadro M1000M	Precision 7520 Precision AIO 5720
Radeon™ Pro WX 4130	7680x4320	1.35	640	4 GB GDDR5	96 GB/s	45 W	12_0	4.5	2.0	1.0		●	●	●	FirePro W5130M Quadro M600M	Precision 7520, 7720

Precision Mobile 7520

Precision Mobile 7720

Precision All-in-One 5720



World's most powerful 15" mobile workstation.

World's most powerful 17" mobile workstation.

World's most powerful all-in-one workstation with touchscreen capabilities and ready for virtual reality workflows⁶.

Radeon™ Pro WX 4130
Radeon™ Pro WX 4150

Radeon™ Pro WX 4130
Radeon™ Pro WX 7100

Radeon™ Pro WX 4150
Radeon™ Pro WX 7100

Graphics Options

Graphics Kit	Part Number
FirePro W2100 2GB (1x DP to SL-DVI adapter) (Kit)	490-BCHN
FirePro W2100 2GB Half Height (1x DP to SL-DVI adapter) (Kit)	490-BCJF
FirePro W4100 2GB (4x mDP-DP adapters) (Kit)	490-BCHO
FirePro W4100 2GB Half Height (4x mDP-DP adapters) (Kit)	490-BCIY
FirePro W5100 4GB (2x DP to SL-DVI adapters) (Kit)	490-BCGG
FirePro W7100 8GB (3x DP to SL-DVI adapters) (Kit)	490-BCLL 490-BCWJ (EMEA only)
FirePro W8100, 8GB (3x DP to SL-DVI adapters) (Kit)	490-BCXV
FirePro W9100, 16GB (6x mDP to DP adapters) (Kit)	490-BCXX
Radeon Pro WX 2100, 2GB (Kit)	490-BDZR
Radeon Pro WX 2100 Half Height, 2GB (Kit)	490-BDZU
Radeon Pro WX 3100, 4GB (Kit)	490-BDZW
Radeon Pro WX 3100 Half Height, 4GB (Kit)	490-BDZS
Radeon Pro WX 4100, 4GB (Kit)	490-BDRJ
Radeon Pro WX 4100, 4GB, Half Height (Kit)	490-BDRK
Radeon Pro WX 5100, 8GB (Kit)	490-BDYI
Radeon Pro WX 7100, 8GB, 4 DP (Precision 3620) (Kit)	490-BDYR
Radeon Pro WX 7100, 8GB, 4 DP (Kit)	490-BDRL
Radeon Pro WX 9100, 16GB, 6 mDP (Kit)	490-BEFQ
Radeon Pro SSG, 16GB, 6 mDP (Kit)	490-BEIN



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Footnotes

1. Framelock and genlock functionality require the AMD FirePro S400 synchronization card, sold separately.
2. 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 WX 2100/FirePro™ W2100/Radeon™ Pro WX 3100/FirePro™ W4100, AMD graphics driver 17.10 and LITEON 512GB SSD. Benchmark Application: Estimated SPECviewperf® 12.1 Geomean Results. Radeon™ Pro WX 2100 score: 16.79, FirePro™ W2100 score: 8.61. Performance Differential: (16.79-8.61)/8.61 = ~94.96% faster performance on Radeon™ Pro WX 2100. Radeon™ Pro WX 3100 score: 27.92, FirePro™ W4100 score: 11.71. Performance Differential: (27.92-11.71)/11.71 = ~2.3x faster performance on Radeon™ Pro WX 3100. 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
3. 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
4. “Entry-level” means sub-US\$250 workstation cards. 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 WX 2100/WX 3100/NVIDIA Quadro P400/P600, AMD graphics driver 17.10/NVIDIA graphics driver 376.84 and LITEON 512GB SSD. Estimated SPECviewperf® 12.1 Geomean Results. Radeon™ Pro WX 2100 score: 16.79, NVIDIA Quadro P400 score: 13.91 Performance Differential: (16.79-13.91)/13.91 = ~20.72% faster performance on Radeon™ Pro WX 2100. Radeon™ Pro WX 3100 score: 27.92, NVIDIA Quadro P600 score: 21.66. Performance Differential: (27.92-21.66)/21.66 = ~28.92% faster performance on Radeon™ Pro WX 3100. Radeon™ Pro WX 3100 score: 27.92, FirePro™ W4100 score: 11.71. Performance Differential: (27.92-11.71)/11.71 = ~138.55% faster performance on Radeon™ Pro WX 3100. Scores are estimates based on AMD internal lab measurements and may vary. 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-171
5. 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
6. The Dell Precision 5720 requires the Radeon Pro WX 7100 graphics option in order to be designated “AMD VR Creator Ready”.