

The logo features the AMD logo (a stylized 'A' with a triangle) in white, followed by 'RADEON PRO' in a smaller, spaced-out white font, and 'Software' in a large, bold, white font. The background is a dark blue, abstract, leaf-like pattern.

AMD
RADEON PRO
Software

Radeon Pro Software for Enterprise 19.Q2

Release Notes

This document captures software
compatibility guidelines and known errata

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Overview

Radeon™ Pro Software for Enterprise is designed to deliver market-leading uptime and stability. Rigorous multi-wave testing, and exhaustive ISV certifications help make this “the industry’s most stable driver”¹. Radeon™ Pro Software is certified in over 100 workstation applications including Autodesk AutoCAD®, Dassault Systèmes® CATIA®, Siemens NX™, Adobe® Premiere® Pro, Avid® Media Composer®, Autodesk Maya®, PTC Creo® and many more

Built to help content creators make the best, every Enterprise Edition is designed to deliver more quality, performance, security, and simplicity. Learn more [here](#).

Radeon Pro Software for Enterprise 19.Q2 Highlights

- Radeon™ Pro ReLive Streaming – Stream professional workflows for collaboration and training use cases
- Support for Windows 10 May 2019 update and Windows Server 2019
- Help Center Button – For easy access to Radeon™ Pro Software Help Center
- Driver Subscription – Subscribe and Stay up-to-date with the latest from AMD
- Driver Auto-Detect (coming soon) – Automatically detect, download and install the latest supported software

Installing Radeon Pro Software

For detailed instructions on how to correctly uninstall or install Radeon™ Pro Software, please refer to the following KB articles:

- [How to Install Radeon Pro Software on a Windows Based System](#)
- [How to Uninstall Radeon Pro Software on a Windows Based System](#)

Packaged Driver Version

Radeon Pro Software for Enterprise 19.Q2 installation package contains the following driver versions for Microsoft Windows® 10 and Microsoft Windows® 7, Microsoft Windows® Server 2019 and Microsoft Windows® Server 2016.

- WHQL Driver Packaging Version: 19.10.02.01 (Windows® 10 and 7)
- WHQL Driver Packaging Version: 19.10.02.02 (Windows® Server 2019 and 2016)

Supported APIs

Radeon Pro Software for Enterprise 19.Q2 is designed to support the following APIs:

- OpenGL 4.5
- OpenCL™ 2.0
- DirectX® 12.0
- Vulkan® 1.1

See [here](#) for more details.

Errata

Fixed Issues

- Issue observed with some monitors 4K@60Hz and RGB 4:4:4 being unable to see 10bit pixel settings is now fixed.
- Issues observed with overview tab in Radeon™ Pro Settings
- Pop-up errors observed with Radeon™ Pro Settings in Windows 7 configuration have been fixed.
- Issues regarding color corruption in Photoshop CC when enabling 30-bit have been fixed.

Known Issues

- 10bit enabled displays may show some issues while discarding a 2x1 Eyefinity SLS configuration in Radeon™ Pro Settings.
- Platform Compatibility may not show on some of the Mobile platform configurations.
- Some users may experience issues like color corruption while creating/disabling SLS or hot plugging/unplugging the display.
- Some rendering issues may be observed in a multi-display scenario with VMware while hot plugging displays.

Feature Support Information

- Framelock/Genlock: In multiple platform configurations where more than one S400 Sync Module is in use, 4K resolutions at 60Hz and greater are not supported.
- Fan Control is available for changing fan speeds across different GPUs under the Global Tuning tab.
- Radeon ProRender now supports AMD XConnect allowing for rendering acceleration via both the internal and external GPUs.

Support Notes

- Driver Options feature is discontinued and will not be supported in 19.Q2 release. The latest Radeon™ Software Adrenalin Edition 2019 will now provide support for the latest Radeon™ Pro graphics series. For more information, click [here](#).
- MGPU SLS feature is discontinued and will not be supported in 19.Q2 release.
- This driver is not intended for use on Radeon™ products running in Apple Boot Camp platforms. Users of these platforms should contact their system manufacturer for driver support.
- When installing this driver for the Microsoft Windows operating systems, the user must be logged on as Administrator, or have Administrator rights to complete the installation of Radeon Pro Software for Enterprise 19.Q2
- AMD Radeon™ Products supported in this release have not been tested for Enterprise Quality.
- AMD XConnect in this driver release does not support **Vega M GL graphics**.

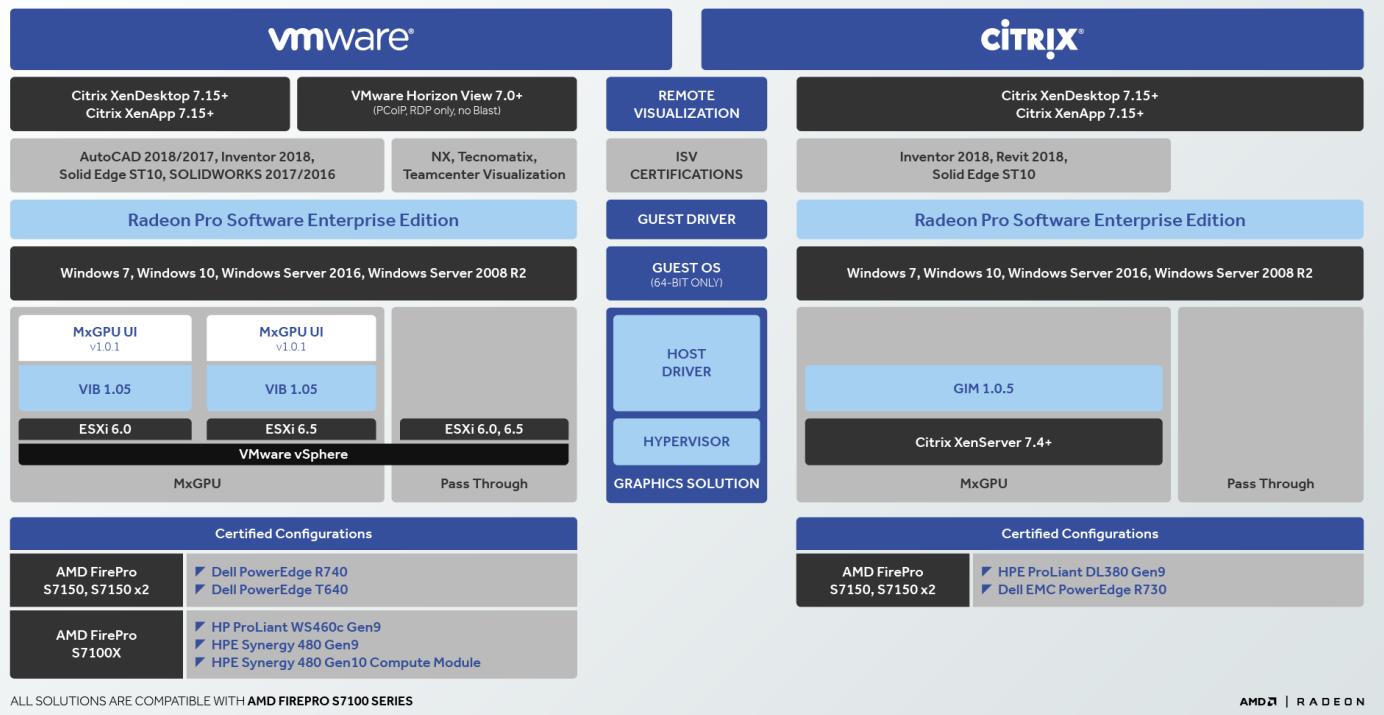
Virtualized Desktop Infrastructure Notes

VDI Suggested Configurations for AMD FirePro™ S7150x2

Per GPU Suggested Configurations for AMD FirePro™ S7150x2					
Use Case	vRAM	Users Per GPU	vCPU	RAM	Max Displays
Productivity	0.5 -1 GB	8-16	2	4 GB	1
Enhanced Productivity	2 GB	4	2	4-8 GB	2
Professional Design	4 GB	2	4	8 GB	4
Workstation	8 GB	1	8	16 GB	4

VDI Supported Configurations for VMware and Citrix

R A D E O N P R O VDI SOLUTION MAP



Compatibility

AMD Radeon Pro Software for Enterprise 19.Q2 provides support for both AMD Radeon Pro and AMD Radeon Graphics Products. It should be noted that AMD Radeon Graphics Products are not tested for Enterprise Quality.

Professional Graphics Support

AMD Radeon Pro Software for Enterprise 19.Q2 is compatible with the AMD graphics products shown below.

AMD Radeon™ Pro Product and AMD FirePro™ Family Compatibility	
AMD Radeon™ Pro WX series	AMD Radeon™ Pro WX 9100 AMD Radeon™ Pro WX 8200 AMD Radeon™ Pro WX 7100 AMD Radeon™ Pro WX 5100 AMD Radeon™ Pro WX 4100 AMD Radeon™ Pro WX 3100 AMD Radeon™ Pro WX 2100
AMD Radeon™ Vega Frontier Edition	AMD Radeon™ Vega Frontier Edition
AMD Radeon™ Pro series	AMD Radeon™ Pro SSG AMD Radeon™ Pro Duo ("Polaris" & "Fiji")
AMD FirePro™ W series	AMD FirePro™ W9100 AMD FirePro™ W9000 AMD FirePro™ W8100 AMD FirePro™ W8000 AMD FirePro™ W7100 AMD FirePro™ W7000 AMD FirePro™ W5100 AMD FirePro™ W5000 AMD FirePro™ W4300 AMD FirePro™ W4100 AMD FirePro™ W2100 AMD FirePro™ W600

<p>AMD FirePro™ S series (Not supported on Windows® Server 2019)</p>	<p>All other AMD FirePro™ S series products except</p> <p>AMD FirePro™ S7150x2 AMD FirePro™ S7150 AMD FirePro™ S7100X</p>
<p>Dell Mobile</p>	<p>AMD Radeon™ Pro WX7100 AMD Radeon™ Pro WX4150 AMD Radeon™ Pro WX4130 AMD FirePro™ W7170M AMD FirePro™ W5170M AMD FirePro™ W5130M AMD FirePro™ W4170M AMD FirePro™ M6100 AMD FirePro™ M6000 AMD FirePro™ M5100 AMD FirePro™ M4000</p>
<p>HP Mobile</p>	<p>AMD Radeon™ Pro WX4170 AMD Radeon™ Pro WX4150 AMD Radeon™ Pro WX3100 AMD FirePro™ W6150M AMD FirePro™ W5170M AMD FirePro™ W4190M</p>

Workstation Platform Compatibility

The table below lists workstation platforms and their compatibility with AMD professional graphics products.

OEM Product compatibility	
Desktop Platforms	
Dell Precision 7920 Tower	AMD Radeon™ Pro WX 9100 AMD Radeon™ Pro WX 7100 AMD Radeon™ Pro WX 5100 AMD Radeon™ Pro WX 4100 AMD Radeon™ Pro WX 3100 AMD Radeon™ Pro WX 2100
Dell Precision 7920 Rack	AMD Radeon™ Pro WX 9100 AMD Radeon™ Pro WX 5100 AMD Radeon™ Pro WX 4100 AMD FirePro™ W9100
Dell Precision 7820 Tower	AMD Radeon™ Pro WX 9100 AMD Radeon™ Pro WX 7100 AMD Radeon™ Pro WX 5100 AMD Radeon™ Pro WX 4100 AMD Radeon™ Pro WX 3100 AMD Radeon™ Pro WX 2100
Dell Precision 5820 Tower	AMD Radeon™ Pro WX 7100 AMD Radeon™ Pro WX 5100 AMD Radeon™ Pro WX 4100 AMD Radeon™ Pro WX 3100 AMD Radeon™ Pro WX 2100
Dell Precision 3630 Tower	AMD Radeon™ Pro WX 7100 AMD Radeon™ Pro WX 5100 AMD Radeon™ Pro WX 4100 AMD Radeon™ Pro WX 3100 AMD Radeon™ Pro WX 2100
Dell Precision 3930 Rack	AMD Radeon™ Pro WX 4100
Dell Precision 3430 Small Form Factor	AMD Radeon™ Pro WX 4100

	AMD Radeon™ Pro WX 3100 AMD Radeon™ Pro WX 2100
Dell Precision T3620 Mini Tower	AMD Radeon™ Pro WX 7100 AMD Radeon™ Pro WX 4100 AMD Radeon™ Pro WX 3100 AMD Radeon™ Pro WX 2100 AMD FirePro™ W7100
Dell Precision T3420 Small Form Factor	AMD Radeon™ Pro WX 4100 AMD Radeon™ Pro WX 3100 AMD Radeon™ Pro WX 2100
HP Z8 G4 Workstation	AMD Radeon™ Pro WX 7100 AMD Radeon™ Pro WX 4100 AMD Radeon™ Pro WX 3100 AMD Radeon™ Pro WX 2100 AMD FirePro™ W2100
HP Z6 G4 Workstation	AMD Radeon™ Pro WX 7100 AMD Radeon™ Pro WX 4100 AMD Radeon™ Pro WX 3100 AMD Radeon™ Pro WX 2100 AMD FirePro™ W2100
HP Z4 G4 Workstation	AMD Radeon™ Pro WX 7100 AMD Radeon™ Pro WX 4100 AMD Radeon™ Pro WX 3100 AMD Radeon™ Pro WX 2100 AMD FirePro™ W2100
HP Z2 G4 Workstation	AMD Radeon™ Pro WX 7100 AMD Radeon™ Pro WX 3100
HP Z2 Small Form Factor G4 Workstation	AMD Radeon™ Pro WX 3100
HP Z840	AMD Radeon™ Pro WX 7100 AMD Radeon™ Pro WX 4100 AMD FirePro™ W7100 AMD FirePro™ W5100 AMD FirePro™ W4300 AMD FirePro™ W2100

HP Z640	AMD Radeon™ Pro WX 7100 AMD Radeon™ Pro WX 4100 AMD FirePro™ W5100 AMD FirePro™ W4300 AMD FirePro™ W2100
HP Z440	AMD FirePro™ W7100 AMD FirePro™ W5100 AMD FirePro™ W4300 AMD FirePro™ W2100
HP Z240	AMD Radeon™ Pro WX 7100 AMD Radeon™ Pro WX 4100 AMD FirePro™ W5100 AMD FirePro™ W4300 AMD FirePro™ W2100
HP Z240 Small Form Factor	AMD Radeon™ Pro WX 4100 AMD FirePro™ W4300 AMD FirePro™ W2100

AMD Radeon™ Graphics Support

Starting in 19.Q2, AMD is including Radeon products in our Enterprise driver. This is being done in consideration of the fact that enterprises use both professional, commercial, and consumer hardware. This driver is recommended for Radeon hardware being used in commercial use cases with productivity applications. This includes users who need to review CAD data as part of their workflow. It is not recommended for gaming. Workstation performance, features, and application certifications do not apply to Radeon hardware and no end user benefit will be observed without Radeon Pro hardware.

AMD Radeon™ Product Family Compatibility	
AMD Radeon™ series	AMD Radeon™ VII
AMD Radeon™ RX Vega series	AMD Radeon™ RX Vega 64 AMD Radeon™ RX Vega 56 AMD Radeon™ RX Vega Frontier Edition
AMD Radeon™ RX series	AMD Radeon™ RX 590

	AMD Radeon™ RX 580 AMD Radeon™ RX 570 AMD Radeon™ RX 560 AMD Radeon™ RX 550 AMD Radeon™ RX 540 AMD Radeon™ RX 530 AMD Radeon™ RX 470
AMD Radeon™ + R series	AMD Radeon™ R7 430 AMD Radeon™ R5 240 AMD Radeon™ 535

The table below shows the list of OEM Platforms and their compatibility with the available AMD Radeon™ graphics products:

OEM Product compatibility	
Desktop Towers	
Dell OptiPlex 7000	AMD Radeon™ RX 550
Dell OptiPlex 5000	AMD Radeon™ R5 240
HP Elite Desk 800/700 Series	AMD Radeon™ RX 580 AMD Radeon™ RX 550 AMD Radeon™ R7 430
HP Elite Desk Mini	AMD Radeon™ RX 560
HP Pro Desk 600 Series	AMD Radeon™ RX 580 AMD Radeon™ RX 550 AMD Radeon™ R7 430
HP Entry Level Platforms	AMD Radeon™ R7 430
Mobile Platforms	
Dell Vancouver 15" NB (Mobile) Dell Whitetail 15" NB with Ryzen Pro(Mobile)	AMD Radeon™ RX 540

HP Elite Book 800 Series HP Elite Book 600 Series	AMD Radeon™ RX 540
ALL in Ones	
HP Elite One	AMD Radeon™ RX 560
HP Entry Level Platforms	AMD Radeon™ 535

Compatible Operating Systems

AMD Radeon Pro Software for Enterprise 19.Q2 is designed to support the following Microsoft Windows platforms:

- Microsoft Windows® 10 (64-bit version RS5)
- Microsoft Windows® 7 (64-bit version with SP1 or higher)
- Microsoft Windows® Server 2016 (64-bit version)
- Microsoft Windows® Server 2008 R2 (64-bit version)

See below for details:

Desktop Workstation Graphics				
	Windows 10	Windows 7	Windows Server 2019	Windows Server 2016
	64-bit	64-bit	64-bit	64-bit
AMD Radeon™ Pro WX series (excludes AMD Radeon™ Pro WX 9100 and AMD Radeon™ Pro WX 8200)	✓	✓	✓	✓
AMD Radeon™ Pro WX 9100	✓	✓	✓	✓
AMD Radeon™ Pro WX 8200	✓	✓	-	-
AMD Radeon™ Pro SSG	✓	-	✓	✓
AMD Radeon™ Vega Frontier Edition	✓	✓	-	-
AMD Radeon™ Pro Duo (“Polaris”)	✓	✓	✓	✓

AMD Radeon™ Pro Duo (“Fiji”)	✓	✓	✓	✓
AMD FirePro™ W series	✓	✓	✓	
AMD FirePro™ S series (excludes AMD FirePro™ S7100 series)	✓	✓	✓	✓
AMD FirePro™ S7100 series	✓	✓	-	✓

Dell Mobile Workstation Graphics

	Windows 10	Windows 7
	64-bit	64-bit
AMD Radeon™ Pro WX7100	✓	✓
AMD Radeon™ Pro WX4150	✓	✓
AMD Radeon™ Pro WX4130	✓	✓
AMD FirePro™ W7170M	✓	✓
AMD FirePro™ W5170M	✓	✓
AMD FirePro™ W5130M	✓	✓
AMD FirePro™ W4170M	✓	✓
AMD FirePro™ M6100	✓	✓
AMD FirePro™ M6000	✓	✓

AMD FirePro™ M5100	✓	✓
AMD FirePro™ M4000	✓	✓

HP Mobile Workstation Graphics

	Windows 10	Windows 7
	64-bit	64-bit
AMD Radeon™ Pro WX4170	✓	✓
AMD Radeon™ Pro WX4150	✓	✓
AMD Radeon™ Pro WX3100	✓	✓
AMD FirePro™ W6150M	✓	✓
AMD FirePro™ W5170M	✓	✓

HP Mobile Workstation Graphics				
	Windows 10	Windows 7	Windows Server 2019	Windows Server 2016
	64-bit	64-bit	64-bit	64-bit
AMD Radeon™ series	✓	✓	-	-
AMD Radeon™ RX Vega series	✓	✓	-	-
AMD Radeon™ RX series	✓	✓	-	-
AMD Radeon™ + R series	✓	✓	-	-

HP Mobile Workstation Graphics		
	Windows 10	Windows 7
	64-bit	64-bit
AMD Radeon™ RX 560	✓	✓
AMD Radeon™ RX 540	✓	✓
AMD Radeon™ 535	✓	✓

Dell Commercial Mobile Graphics		
	Windows 10	Windows 7
	64-bit	64-bit
AMD Radeon™ RX 540	✓	✓

AMD XConnect with Radeon™ ProRender

AMD XConnect with Radeon ProRender support now allows select applications to be accelerated by both internal and external AMD Radeon Pro GPUs simultaneously. AMD XConnect with Radeon ProRender is currently supported with the following professional graphics applications:

- Autodesk Maya
- Autodesk 3DS Max
- Blender
- Maxon Cinema 4D

Host platform	AMD External GPU	Supported / Not Supported
iGPU (Intel)	AMD Radeon™ Pro WX series (all)	✓
iGPU (Intel) + dGPU (Radeon™ Pro WX series)	AMD Radeon™ Pro WX series (all)	✓
iGPU (Intel) +Radeon Pro WX Vega M GL *(See Notes for more info)	AMD Radeon™ Pro WX series (all)	-
dGPU (Radeon™ Pro WX series)	AMD Radeon™ Pro WX series (all)	✓
iGPU (Intel) + dGPU (NVIDIA Quadro/GeForce)	AMD Radeon™ Pro WX series (all)	✓
iGPU (Intel) + dGPU (RX Radeon)	AMD Radeon™ Pro WX series (all)	-
dGPU (Radeon™ RX series)	AMD Radeon™ Pro WX series (all)	-
dGPU (NVIDIA Quadro)	AMD Radeon™ Pro WX series (all)	✓

dGPU (NVIDIA GeForce)	AMD Radeon™ Pro WX series (all)	✓
dGPU (Radeon™ Pro WX series)	AMD Radeon™ RX series (all)	-
iGPU (Intel) + dGPU (Radeon™ Pro WX series)	AMD Radeon™ RX series (all)	-

Other Hardware Requirements

- The only approved eGPU enclosure for Workstation XConnect using WX 9100 is **Sonnet eGFX Breakaway Box 650** (with 650W power supply)

¹<https://qaconsultants.com/stabilityaudit/>

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