



AMD  
RADEON PRO  
Software

# Radeon PRO Software for Enterprise 21.Q4

## 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”<sup>1</sup>.

Built to help content creators make the best, Radeon™ PRO Software for Enterprise is designed to deliver quality, performance, security, and simplicity.

## Installing Radeon PRO Software

For detailed instructions on how to correctly install or uninstall 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](#)

## Supported OS Versions

- Microsoft Windows® 11 & 10 64-bit version
- Microsoft Windows® Server 2019 64-bit, version 1809 (OS build 17763.1971)
- Microsoft Windows® Server 2016 64-bit, version 1607 (OS build 14393.4402)

## Packaged Driver Version

Radeon PRO Software for Enterprise 21.Q4 installation package contains the following driver versions for Microsoft Windows® 11, Microsoft Windows® 10, Microsoft Windows® Server 2019 and Microsoft Windows® Server 2016.

- WHQL Driver Packaging Version: 21.40.11.02
- Windows Store Version: 30.0.14011.2006

## Supported APIs

Radeon PRO Software for Enterprise 21.Q4 supports the following APIs:

- OpenGL 4.6
- OpenCL™ 2.1
- DirectX® 12.0
- Vulkan® 1.2

## Highlights

- Blender 3.0 version support with select AMD Radeon™ PRO & AMD Radeon™ 6000 series graphics.
- FRTC PRO feature support for improved power efficiency – After setting the desired frame rate, restart of the targeted applications is required for the changes to take effect.

## Errata

### Fixed Issues

- USB-C power delivery firmware update issue causing Error-213.
- Image corruptions in Blender 2.93.1 with AMD Radeon™ PRO WX7100 graphics card.
- Image corruptions in Chief Architect Software with select AMD Radeon™ PRO products.

### Known Issues

- Color depth is locked to 6bpc for displays with custom resolution.
- Possible stability issues rendering some scenes in Blender 2.93.5 with older generation AMD Radeon™ PRO GPUs.

## Day Zero ISV Certifications

Learn more about the certified combinations:

<https://www.amd.com/en/support/certified-drivers>

# Feature Support Information

## Support Notes

- AMD Driver is DCH Compliant.
- AMD Radeon™ PRO Software for Enterprise 21.Q4 provides “as-is” support for AMD Radeon Products.
- 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 21.Q4.
- No support for 10-bit Packed Pixel, 10-bit Eyefinity, and MGPU Eyefinity.

# Compatibility

AMD Radeon PRO Software for Enterprise 21.Q4 provides support for both AMD Radeon PRO and AMD Radeon Graphics Products. AMD Radeon Graphics Product support is limited and not tested for Enterprise Quality.

## Professional Graphics Support

AMD Radeon PRO Software for Enterprise 21.Q4 is compatible with the AMD graphics products shown below.

AMD Radeon™ PRO Product Family Compatibility	
<b>AMD Radeon™ PRO W series</b>	AMD Radeon™ PRO W6800 AMD Radeon™ PRO W6600 AMD Radeon™ PRO W5700 AMD Radeon™ PRO W5500 AMD Radeon™ PRO W5500M AMD Radeon™ PRO W6600M
<b>AMD Radeon™ PRO WX series</b>	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 3200 AMD Radeon™ PRO WX 3100 AMD Radeon™ PRO WX 2100
<b>AMD Radeon™ Vega Frontier Edition</b>	AMD Radeon™ Vega Frontier Edition
<b>AMD Radeon™ PRO series</b>	AMD Radeon™ PRO SSG AMD Radeon™ PRO Duo AMD Radeon™ PRO VII
<b>Dell Mobile</b>	AMD Radeon™ PRO WX 7130 AMD Radeon™ PRO WX 7100 AMD Radeon™ PRO WX 4150 AMD Radeon™ PRO WX 4130

	AMD Radeon™ PRO WX 3200 AMD Radeon™ PRO WX 2100
<b>HP Mobile</b>	AMD Radeon™ PRO WX 4170 AMD Radeon™ PRO WX 4150 AMD Radeon™ PRO WX3200 AMD Radeon™ PRO WX 3100
<b>Panasonic Mobile</b>	AMD Radeon™ PRO WX 4150
<b>Lenovo Mobile</b>	P14s Gen1 P14s Gen2

## Workstation Platform Compatibility

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

OEM Product Compatibility	
Desktop Platforms	
<b>Dell Precision 7920 Tower</b>	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
<b>Dell Precision 7920 Rack</b>	AMD Radeon™ PRO WX 9100 AMD Radeon™ PRO WX 5100 AMD Radeon™ PRO WX 4100
<b>Dell Precision 7820 Tower</b>	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
<b>Dell Precision 5820 Tower</b>	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
<b>Dell Precision 3630 Tower</b>	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
<b>Dell Precision 3930 Rack</b>	AMD Radeon™ PRO WX 4100
<b>Dell Precision 3430 Small Form Factor</b>	AMD Radeon™ PRO WX 4100 AMD Radeon™ PRO WX 3100 AMD Radeon™ PRO WX 2100
<b>Dell Precision T3620 Mini Tower</b>	AMD Radeon™ PRO WX 7100 AMD Radeon™ PRO WX 4100 AMD Radeon™ PRO WX 3100 AMD Radeon™ PRO WX 2100
<b>Dell Precision T3420 Small Form Factor</b>	AMD Radeon™ PRO WX 4100 AMD Radeon™ PRO WX 3100 AMD Radeon™ PRO WX 2100
<b>HP Z8 G4 Workstation</b>	AMD Radeon™ PRO WX 7100 AMD Radeon™ PRO WX 4100 AMD Radeon™ PRO WX 3100 AMD Radeon™ PRO WX 2100
<b>HP Z6 G4 Workstation</b>	AMD Radeon™ PRO WX 7100 AMD Radeon™ PRO WX 4100 AMD Radeon™ PRO WX 3100 AMD Radeon™ PRO WX 2100
<b>HP Z4 G4 Workstation</b>	AMD Radeon™ PRO WX 7100

	AMD Radeon™ PRO WX 4100 AMD Radeon™ PRO WX 3100 AMD Radeon™ PRO WX 2100
<b>HP Z2 G4 Workstation</b>	AMD Radeon™ PRO WX 7100 AMD Radeon™ PRO WX 3100
<b>HP Z2 Small Form Factor G4 Workstation</b>	AMD Radeon™ PRO WX 3100
<b>HP Z840</b>	AMD Radeon™ PRO WX 7100 AMD Radeon™ PRO WX 4100
<b>HP Z640</b>	AMD Radeon™ PRO WX 7100 AMD Radeon™ PRO WX 4100
<b>HP Z240</b>	AMD Radeon™ PRO WX 7100 AMD Radeon™ PRO WX 4100
<b>HP Z240 Small Form Factor</b>	AMD Radeon™ PRO WX 4100

## 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	
<b>AMD Radeon™ RX 5700 Series</b>	<b>Radeon™ RX 5500 Series Graphics</b>
<b>Radeon™ VII</b>	<b>Radeon RX Vega Series Graphics</b>

<b>AMD Radeon™ PRO Duo</b>	<b>AMD Radeon™ RX 500 / Radeon 500X Series Graphics</b>
<b>AMD Radeon™ RX 400 Series Graphics</b>	

<b>AMD Radeon™ Mobile Product Family Compatibility</b>	
<b>AMD Radeon™ RX 5500M Series Graphics</b>	<b>AMD Radeon™ RX 5300M Series Graphics</b>
<b>AMD Radeon™ 600 Series Graphics</b>	<b>AMD Radeon™ R7 M400 Series Graphics</b>

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

<b>OEM Product compatibility</b>	
<b>Desktop Towers</b>	
<b>Dell OptiPlex 7000</b>	AMD Radeon™ RX 550
<b>HP Elite Desk 800/700 Series</b>	AMD Radeon™ RX 580 AMD Radeon™ RX 550 AMD Radeon™ R7 430
<b>HP Elite Desk Mini</b>	AMD Radeon™ RX 560
<b>HP Pro Desk 600 Series</b>	AMD Radeon™ RX 580 AMD Radeon™ RX 550 AMD Radeon™ R7 430
<b>HP Entry Level Platforms</b>	AMD Radeon™ R7 430
<b>Mobile Platforms</b>	

<b>Dell Vancouver 15" NB (Mobile) Dell Whitetail 15" NB with Ryzen PRO(Mobile)</b>	AMD Radeon™ RX 540
<b>Dell Whitehaven MLK 17" Precision 7740</b>	AMD Radeon™ PRO WX 7130 AMD Radeon™ PRO WX 3200
<b>Dell Precision 7540</b>	AMD Radeon™ PRO WX 3200
<b>Dell Precision 3540</b>	AMD Radeon™ PRO WX 2100
<b>HP Elite Book 800 Series HP Elite Book 600 Series</b>	AMD Radeon™ RX 540
<b>Panasonic Toughbook CF-54</b>	AMD Radeon™ PRO WX4150
<b>Panasonic Toughbook FZ-55</b>	AMD Radeon™ PRO WX4150

#### Known issues – Dell Mobile Platforms

- HDR option is missing from display settings when the display is connected to Dell Thunderbolt™ Dock WD19TB's HDMI port
- External display corruption observed after system wake if display mode is set to external only
- Compatibility issues with USB type C to DVI and MiniDP to DVI dongles

ALL in Ones	
<b>HP Elite One</b>	AMD Radeon™ RX 560
<b>HP Entry Level Platforms</b>	AMD Radeon™ 535

## Compatible Operating Systems

AMD Radeon PRO Software for Enterprise 21.Q4 supports the following Microsoft Windows platforms:

- Microsoft Windows® 11 (64-bit version)
- Microsoft Windows® 10 (64-bit version)
- Microsoft Windows® Server 2019 (64-bit version)
- Microsoft Windows® Server 2016 (64-bit version)

See below for details:

Desktop Workstation Graphics				
	Windows 11	Windows 10	Windows Server 2019	Windows Server 2016
	64-bit	64-bit	64-bit	64-bit
AMD Radeon™ PRO W6800	✓	✓	✓	✓
AMD Radeon™ PRO W6600	✓	✓	✓	✓
AMD Radeon™ PRO W5700	✓	✓	✓	✓
AMD Radeon™ PRO W5500	✓	✓	✓	✓
AMD Radeon™ PRO VII	✓	✓	-	-

<b>AMD Radeon™ PRO WX series*</b>	✓	✓	✓	✓
<b>AMD Radeon™ PRO SSG</b>	✓	✓	✓	✓
<b>AMD Radeon™ Vega Frontier Edition</b>	✓	✓	✓	✓
<b>AMD Radeon™ PRO Duo</b>	✓	✓	✓	✓

\* - Radeon PRO WX3200 is not supported with Microsoft Windows® Server 2016

### Dell Mobile Workstation Graphics

	Windows 11	Windows 10
	64-bit	64-bit
<b>AMD Radeon™ PRO WX7130</b>	✓	✓
<b>AMD Radeon™ PRO WX7100</b>	✓	✓
<b>AMD Radeon™ PRO WX4150</b>	✓	✓
<b>AMD Radeon™ PRO WX4130</b>	✓	✓

HP Mobile Workstation Graphics		
	Windows 11	Windows 10
	64-bit	64-bit
AMD Radeon™ PRO WX4170	✓	✓
AMD Radeon™ PRO WX4150	✓	✓
AMD Radeon™ PRO WX3100	✓	✓

HP Mobile Graphics				
	Windows 11	Windows 10	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	✓	✓	✓	✓

HP Mobile Graphics				
	Windows 11		Windows 10	
	64-bit		64-bit	
	AMD Radeon™ RX 560	✓		✓
AMD Radeon™ RX 540	✓		✓	
AMD Radeon™ 535	✓		✓	
AMD Radeon™ + R series	✓	✓	✓	✓

Dell Commercial Mobile Graphics				
	Windows 11		Windows 10	
	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)

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