

The logo features the AMD logo (a stylized 'A' with a square) in white, followed by the word 'Software' in a large, white, sans-serif font, and 'PRO Edition' in a smaller, white, sans-serif font below it. The background is a dark blue gradient with dynamic, glowing blue light streaks that sweep across the top of the page.

AMD
Software
PRO Edition

AMD Software: PRO Edition 23.Q1

Release Notes

This document captures software compatibility guidelines and known errata

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Overview

AMD Software: PRO Edition 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.

Built to help content creators make the best, AMD Software: PRO Edition is designed to deliver quality, performance, security, and simplicity.

Installing AMD Software: PRO Edition

For detailed instructions on how to correctly install or uninstall AMD Software: PRO Edition, please refer to the following KB articles:

- [How to Install AMD Software: PRO Edition on a Windows Based System](#)
- [How to Uninstall AMD Software: PRO Edition on a Windows Based System](#)

Supported OS Versions

- Microsoft Windows® 11 & 10 64-bit version
- Microsoft Windows® Server 2022 64-bit, version 21H2 (OS build 20348.524)
- Microsoft Windows® Server 2019 64-bit, version 1809 (OS build 17763.1971)

Packaged Driver Version

AMD Software: PRO Edition 23.Q1 installation package contains the following driver versions for Microsoft Windows® 11, Microsoft Windows® 10, Microsoft Windows® Server 2022, and Microsoft Windows® Server 2019.

- WHQL Driver Packaging Version: 22.40.37.05
- Windows Store Version: 31.0.14037.5001

Supported APIs

AMD Software: PRO Edition 23.Q1 supports the following APIs:

- OpenGL 4.6
- OpenCL™ 2.1
- DirectX® 12.0
- Vulkan® 1.3

Errata

Fixed Issues

- 3Ds Max application version is not shown correctly on AMD Software: PRO Edition
- GPU not detected in 3DEXPERIENCE on HP Zbook
- Improper selection of objects in Edificius is observed
- Unable to Launch MSC Apex from create page
- Stability Issues with D5 render application with select HW configurations
- Driver crash observed on selecting “Passive Dual head” stereo mode when displays are in clone mode
- Crash was seen in Autodesk VRED 2023.2

Known Issues

- Missing “XYZ” coordinates on SimXpert2020
- Crash seen in Davinci Resolve when Fairlight FX is added
- VRED 2023.2 spherical lights can be rendered improperly
- Screen corruption is seen when enabling DOPP Edge Blending
- Adobe 3D substance sampler object may not be visible during mesh computations
- Unable to navigate to EDID tab on AMD Software: PRO Edition

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 Software: PRO Edition 23.Q1 does not provide for consumer AMD Radeon Products (such as Radeon RX**** cards). As-is support will be enabled in a subsequent 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 AMD Software: PRO Edition 23.Q1.
- Framelock/Genlock now supported in AMD Software: PRO Edition 23.Q1.
- MGPU VR is no longer supported in the AMD Software: PRO Edition.
- Solid State Graphics (SSG) cards are no longer supported in the AMD Software: PRO Edition.

Compatibility

AMD Software: PRO Edition 23.Q1 provides support for AMD Radeon PRO Graphics Products. There is no support for AMD Radeon Graphics Products in this release.

Professional Graphics Support

AMD Software: PRO Edition 23.Q1 is compatible with the AMD graphics products shown below.

AMD Radeon™ PRO Product Family Compatibility	
AMD Radeon™ PRO W series	AMD Radeon™ PRO W6800 AMD Radeon™ PRO W6600 AMD Radeon™ PRO W6400 AMD Radeon™ PRO W6300 AMD Radeon™ PRO W5700 AMD Radeon™ PRO W5500 AMD Radeon™ PRO W6600M AMD Radeon™ PRO W6500M AMD Radeon™ PRO W6300M AMD Radeon™ PRO W5500M
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 3200 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 AMD Radeon™ PRO VII
Dell Mobile	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
HP Mobile	AMD Radeon™ PRO WX 4170 AMD Radeon™ PRO WX 4150 AMD Radeon™ PRO WX3200 AMD Radeon™ PRO WX 3100
Panasonic Mobile	AMD Radeon™ PRO WX 4150
Lenovo Mobile	P16s Gen1 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	
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

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
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
HP Z6 G4 Workstation	AMD Radeon™ PRO WX 7100 AMD Radeon™ PRO WX 4100 AMD Radeon™ PRO WX 3100

	AMD Radeon™ PRO WX 2100
HP Z4 G4 Workstation	AMD Radeon™ PRO WX 7100 AMD Radeon™ PRO WX 4100 AMD Radeon™ PRO WX 3100 AMD Radeon™ PRO WX 2100
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
HP Z640	AMD Radeon™ PRO WX 7100 AMD Radeon™ PRO WX 4100
HP Z240	AMD Radeon™ PRO WX 7100 AMD Radeon™ PRO WX 4100
HP Z240 Small Form Factor	AMD Radeon™ PRO WX 4100

AMD Radeon™ Graphics Support

Starting in 19.Q2, AMD is including Radeon products in our PRO Edition 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™ RX 7000 Series	AMD Radeon™ RX 6000 Series
AMD Radeon™ RX 5700 Series	Radeon™ RX 5500 Series Graphics

Radeon™ VII	Radeon RX Vega Series Graphics
AMD Radeon™ PRO Duo	AMD Radeon™ RX 500 / Radeon 500X Series Graphics
AMD Radeon™ RX 400 Series Graphics	

AMD Radeon™ Mobile Product Family Compatibility	
AMD Radeon™ RX 6000M Series Graphics	AMD Radeon™ RX 5500M Series Graphics
AMD Radeon™ RX 5300M Series Graphics	AMD Radeon™ RX 600 Series Graphics
AMD Radeon™ R7 M400 Series Graphics	

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
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
Dell Whitehaven MLK 17" Precision 7740	AMD Radeon™ PRO WX 7130 AMD Radeon™ PRO WX 3200
Dell Precision 7540	AMD Radeon™ PRO WX 3200
Dell Precision 3540	AMD Radeon™ PRO WX 2100
HP Elite Book 800 Series HP Elite Book 600 Series	AMD Radeon™ RX 540
Panasonic Toughbook CF-54	AMD Radeon™ PRO WX4150
Panasonic Toughbook FZ-55	AMD Radeon™ PRO WX4150

Compatible Operating Systems

AMD Software: PRO Edition 23.Q1 supports the following Microsoft Windows platforms:

- Microsoft Windows® 11 (64-bit version)
- Microsoft Windows® 10 (64-bit version)
- Microsoft Windows® Server 2022 (64-bit version)
- Microsoft Windows® Server 2019 (64-bit version)

See below for details:

Desktop Workstation Graphics				
	Windows 11	Windows 10	Windows Server 2019	Windows Server 2022
	64-bit	64-bit	64-bit	64-bit
AMD Radeon™ PRO W6800	✓	✓	✓	✓
AMD Radeon™ PRO W6600	✓	✓	✓	✓
AMD Radeon™ PRO W6400	✓	✓	✓	✓
AMD Radeon™ PRO W6300	✓	✓	-	-
AMD Radeon™ PRO W5700	✓	✓	✓	✓
AMD Radeon™ PRO W5500	✓	✓	✓	✓
AMD Radeon™ PRO VII	✓	✓	-	✓

AMD Radeon™ PRO WX series*	✓	✓	✓	✓*
AMD Radeon™ PRO SSG	✓	✓	✓	-
AMD Radeon™ Vega Frontier Edition	✓	✓	✓	-
AMD Radeon™ PRO Duo	✓	✓	✓	-

* - Windows® Server 2022 is only supported with Radeon PRO WX9100 and WX8200

Dell Mobile Workstation Graphics		
	Windows 11	Windows 10
	64-bit	64-bit
AMD Radeon™ PRO WX7130	✓	✓
AMD Radeon™ PRO WX7100	✓	✓
AMD Radeon™ PRO WX4150	✓	✓
AMD Radeon™ PRO WX4130	✓	✓

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	✓	✓	✓	✓

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

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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