



AMD FirePro™ Unified Driver 8.982.8.3 Release Notes

AMD FirePro™ professional graphics cards are designed to accelerate 3D workstation applications. With full certification on the leading computer aided design (CAD), media and entertainment (M&E) and architecture/engineering/construction (AEC) applications, AMD FirePro™ is the high performance choice for graphics professionals. These release notes provide information on the AMD FirePro™ Unified Driver version 8.982.8.3.

These release notes provide information on the following:

- *Workstation Product Family and Operating System Support*
- *Linux Distributions Supported*
- *New Features*
- *Supported Technologies*
- *Known Issues*



Note: The AMD FirePro™ Unified Driver does not support the Intel Itanium 2 processor based server platforms.



Caution: Pre-unified drivers (7.88 or older) should be un-installed before installing the AMD FirePro™ Unified Driver.



Note: When installing the AMD FirePro™ Vista driver for Windows Vista, the user must be logged on as an Administrator or have Administrator rights in order to successfully complete the installation of the AMD FirePro™ Vista driver.

Workstation Product and Operating System Support

The AMD FirePro™ Unified Driver version 8.982.8.3 is designed to support the following AMD FirePro™ products and operating systems:

Workstation Devices	WHQL XP-32 XP-64	WHQL Vista-32 Vista-64	WHQL Win7-32 Win7-64	WHQL Server 2008 R2-64	WHQL Win8-32 Win8-64	Linux
AMD FirePro™ W9000	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ S9000	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ W8000	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ W7000	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ S7000	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ W5000	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ W600	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ A320 APU	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ A300 APU	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V9800	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ V9800P	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V8800	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ V7900	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ V7900 SDI	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V7800	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ V7800P	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ V5900	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V5800	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V5800 DVI	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ V4900	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V4800	Yes	Yes	Yes	Yes	Yes	Yes
AMD FirePro™ V3900	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V3800	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ 2460	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ 2270	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ S400	Yes	Yes	Yes	No	Yes	Yes
AMD FireStream™ 9370	Yes	Yes	Yes	Yes	Yes	Yes
AMD FireStream™ 9350	Yes	Yes	Yes	Yes	Yes	Yes

Workstation Devices	WHQL XP-32 XP-64	WHQL Vista-32 Vista-64	WHQL Win7-32 Win7-64	WHQL Server 2008 R2-64	WHQL Win8-32 Win8-64	Linux
Dell Precision™ M6700	Yes	Yes	Yes	No	No	No
Dell Precision™ M4700	Yes	Yes	Yes	No	No	No
Dell Precision™ M6600	Yes	Yes	Yes	No	No	No
Dell Precision™ M4600	Yes	Yes	Yes	No	No	No
Dell Precision™ M6500	Yes	Yes	Yes	No	No	No
HP Elitebook™ 8770w	Yes	Yes	Yes	No	No	No
HP Elitebook™ 8570w	Yes	Yes	Yes	No	No	No
HP Elitebook™ 8470w	Yes	Yes	Yes	No	No	No
HP Elitebook™ 8760w	Yes	Yes	Yes	No	No	No
HP Elitebook™ 8560w	Yes	Yes	Yes	No	No	No
HP Elitebook™ 8460w	Yes	Yes	Yes	No	No	No

Linux Distributions Supported

The latest version of the AMD FirePro™ Linux software suite is designed to support the following distributions:

- Red Hat® Enterprise Linux® 5.8 and 6.2
- SUSE® LINUX Enterprise Desktop (SLED) 10 SP4 and 11 SP2
- SUSE® LINUX Enterprise Server (SLES) 10 SP4 and 11 SP2
- OpenSUSE 11.4 and 12.1
- Ubuntu® 11.10 and 12.04



Note: The AMD FirePro™ Linux software suite may install on a number of other Linux distributions. Refer to the Package Generation installation instructions for more information.



Note: AMD has accepted contributed packaging scripts to allow creation of other packages, but does not necessarily test, verify or warrant the reliability.

Workstation Product API Support

The AMD FirePro™ Unified Driver version 8.982.8.3 software included in this package is designed to support the following AMD FirePro™ products:

Workstation Devices	Direct X	OpenGL
AMD FirePro™ W9000	11.1*	4.2
AMD FirePro™ S9000	11.1*	4.2
AMD FirePro™ W8000	11.1*	4.2
AMD FirePro™ W7000	11.1*	4.2
AMD FirePro™ S7000	11.1*	4.2
AMD FirePro™ W5000	11.1*	4.2
AMD FirePro™ W600	11.1*	4.2
AMD FirePro™ A320 APU	11	4.1
AMD FirePro™ A300 APU	11	4.1
ATI FirePro™ V9800	11	4.1
AMD FirePro™ V9800P	11	4.1
ATI FirePro™ V8800	11	4.1
AMD FirePro™ V7900	11	4.1
AMD FirePro™ V7900 SDI	11	4.1
ATI FirePro™ V7800	11	4.1
AMD FirePro™ V7800P	11	4.1
AMD FirePro™ V5900	11	4.1
ATI FirePro™ V5800	11	4.1
ATI FirePro™ V5800 DVI	11	4.1
AMD FirePro™ V4900	11	4.1
ATI FirePro™ V4800	11	4.1
AMD FirePro™ V3900	11	4.1
ATI FirePro™ V3800	11	4.1
ATI FirePro™ 2460	11	4.1
ATI FirePro™ 2270	11	4.1
ATI FirePro™ S400	-	-
AMD FireStream™ 9370	11	4.1
AMD FireStream™ 9350	11	4.1

Workstation Devices	Direct X	OpenGL
Dell Precision™ M6700	11.1*	4.2
Dell Precision™ M4700	11.1*	4.2
Dell Precision™ M6600	11	4.1
Dell Precision™ M4600	11	4.1
Dell Precision™ M6500	11	4.1
HP Elitebook™ 8770w	11.1*	4.2
HP Elitebook™ 8570w	11.1*	4.2
HP Elitebook™ 8470w	11.1*	4.2
HP Elitebook™ 8760w	11	4.1
HP Elitebook™ 8560w	11	4.1
HP Elitebook™ 8460w	11	4.1

* Direct X 11.1 support is available in Windows 8.

Details on OpenCL API support and conformance with AMD FirePro™ professional graphics products can be found at:

<http://developer.amd.com/sdks/AMDAPPSDK/pages/DriverCompatibility.aspx>

New Features

The following new features and optimizations have been added to the 8.982.8.3 release:

- Performance improvements
- Bug fixes

Supported Technologies

Details on AMD FirePro™ professional graphics supported technologies can be found at:

<http://www.amd.com/us/products/workstation/graphics/Pages/workstation-graphics.aspx>

Known Issues

This section provides a list of issues which may be experienced when using this release of the AMD FirePro™ Unified Driver on systems running the Windows or Linux operating systems.

Known Issues
10-bit color and OpenGL Quad Buffer 3D to be supported on upcoming Windows 8 driver
Application crash observed running AutoCAD 2011 on Windows XP x86 with W8000
White artifacts in background during scene playback in Maya 2013 with stereoscopic 3D enabled
Corruption observed on environment and material libraries in Showcase 2013 with stereo 3D enabled
Application stops responding while working with large models in Maya and resuming from hibernation
Application stops responding while running an OpenCL simulation in Houdini
Coordinate axes are drawn in black instead of the real color in Maxon
Solidworks toolbars when overlaid may appear tilted on specific hardware and software configurations

Additional Support

For additional support, visit our knowledgebase or contact us directly at:

<http://support.amd.com/us/contacts/Pages/global-technical-support.aspx>

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