



FirePro™/FireGL™ Unified Driver Version 8.85.7.1 Release Notes

AMD's FirePro™/FireGL™ card is designed to accelerate 3D workstation applications. With full certification on the leading computer aided design (CAD), digital content creation (DCC) and architecture/engineering/construction (AEC) applications, FirePro™/FireGL™ is the high performance choice for graphics professionals working in Windows. These release notes provide information on the FirePro™/FireGL™ Unified Driver version 8.85.7.1.

These release notes provide information on the following:

- *Workstation Family Support*
- *Windows Operating Systems Supported*
- *Linux Operating Systems Distributions Supported*
- *Windows Issues*
- *Linux Issues*



Note: The FirePro™/FireGL™ 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 FirePro™/FireGL™ Unified Driver.



Note: When installing the FirePro™/FireGL™ 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 FirePro™/FireGL™ Vista driver.

Workstation Family Support

The FirePro™/FireGL™ Unified Driver version 8.85.7.1 software included in this package is designed to support the following FirePro™/FireGL™ products:

Workstation Devices	XP	XP 64A	Vista 32	Vista 64	Win7 32	Win7 64	Server R2 64	Linux
ATI FirePro™ V9800	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V8800	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V8750	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FirePro™ V8700	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
AMD FirePro™ V7900	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V7800	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V7750	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
AMD FirePro™ V5900	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V5800	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V5700	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FirePro™ V4800	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FirePro™ V3800	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FirePro™ V3750	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FirePro™ V3700	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FirePro™ 2460	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FirePro™ 2450	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FirePro™ 2270	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FirePro™ S400	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FirePro™ RG220	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FireGL™ V8650	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FireGL™ V8600	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FireGL™ V7700	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FireGL™ V7600	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FireGL™ V5600	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FireGL™ V3600	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FireMV™ 2260	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
ATI FirePro™ M5800 (HP EliteBook 8540w)	Yes	Yes	Yes	Yes	Yes	Yes	No	No
ATI FirePro™ M7740 (Dell Precision M6400)	Yes	Yes	Yes	Yes	Yes	Yes	No	No
ATI FirePro™ M7740 (Dell Precision M6500)	Yes	Yes	Yes	Yes	Yes	Yes	No	No
ATI FirePro™ M7820 (Dell Precision M6500)	Yes	Yes	Yes	Yes	Yes	Yes	No	No
ATI FirePro™ M7820 (HP EliteBook 8740w)	Yes	Yes	Yes	Yes	Yes	Yes	No	No
AMD FirePro™ M5950 (Dell Precision M4600)	Yes	Yes	Yes	Yes	Yes	Yes	No	No
AMD FirePro™ M8900 (Dell Precision M6600)	Yes	Yes	Yes	Yes	Yes	Yes	No	No
AMD FirePro™ M5950 (HP EliteBook 8560w/8760w)	Yes	Yes	Yes	Yes	Yes	Yes	No	No
AMD FirePro™ M3900 (HP EliteBook 8460w)	Yes	Yes	Yes	Yes	Yes	Yes	No	No
AMD FireStream™ 9270	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
AMD FireStream™ 9250	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
AMD FireStream™ 9170	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes

Windows Operating systems supported

The FirePro™/FireGL™ Unified Driver version 8.85.7.1 is designed to support the following operating systems:

- Microsoft Windows 7 32 bit version
- Microsoft Windows 7 64 bit version
- Microsoft Windows Vista 32 bit version
- Microsoft Windows Vista 64 bit version
- Microsoft Windows XP
- Microsoft Windows XP Professional x64 Edition
- Microsoft Window Server 2008 R2 64 bit



Note: Vista and Windows 7 32 bit OS versions may improperly report the memory size for the 4GB FirePro™ V9800.



Note: The FirePro™ RG220 driver does not install the ATI HD audio driver properly on Windows OS in some cases.



Note: Windows Server 2008 R2 64 bit support does not include the Control Center user interface

Linux Operating Systems Distributions Supported

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

- Red Hat Enterprise Linux - Desktop 5.5, 5.6, and 6.0
- SUSE LINUX Enterprise Desktop (SLED) 10 SP3 and 11 SP1
- SUSE LINUX Enterprise Server (SLES) 10 SP3 and 11 SP1
- OpenSUSE 11.3 and 11.4
- Red Flag Desktop 7
- Ubuntu 10.10



Note: The FirePro™/FireGL™ 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. Currently Red Hat Enterprise Linux suite and Novell/SuSE product suite are supported Linux distributions.

Open Issues

This section provides last minute information on issues that may be experienced when using this release of the FirePro™/FireGL™ Unified Driver on systems running the Windows operating systems. Any resolved issues are ones that have been previously listed in the 8.83.5.4 Release Notes. These include the following:

Open Issues
May see system hang/Blank screen when switching windows rapidly in CrossFire mode.
In Stereo, right eye may lag behind left when tumbling objects in Showcase 2012
Have encountered SolidWorks crash while scrolling through Feature manager window with scrollbar
BSOD may be observed while enabling/disabling crossfire.
7thsense tearing with fullscreen pBuffer and vsync may be seen
GPU Scaling arbitrarily applied to supported and custom modes
SolidWorks 2011 Internal Benchmark may freeze on multiple runs
WinDVD10 may fail to refresh on Bluray Playback with Windows AERO ON & Dual View config
Texture corruption has been observed in MARI
TCVIS 2007 Image comparison may become smeared if the rendering process takes more than 1 minute
Display driver resume time exceeds 500ms in the some environments
TomTec: Text-Rendering using AlphaMask Textures does not work
Suspend and resume on laptops may result in a system hang

Resolved Issues
May encounter bluescreen when enabling/disabling 10 bit
Minor corruption seen with some 2012 application versions
May see viewport refresh issues when resuming from sleep or hibernation
Active stereo may disable after resuming from sleep or hibernation
May encounter tearing on some monitors when refresh rate is set to 75Hz
May experience segmentation faults at start up when xinerama is enabled