



ATI FirePro™/FireGL™ Unified Driver Version 8.773.1.1 Release Notes

ATI'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, ATI FirePro™/FireGL™ is the high performance choice for graphics professionals working in Windows. These release notes provide information on the ATI FirePro™/FireGL™ Unified Driver version 8.773.1.1.

These release notes provide information on the following:

- *Workstation Family Support*
- *New Features*
- *Performance Enhancements*
- *Windows Operating Systems Supported*
- *Linux Operating Systems Distributions Supported*
- *Windows Issues*
- *Linux Issues*



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



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



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

Workstation Family Support

The ATI FirePro™/FireGL™ Unified Driver version 8.773.1.1 software included in this package is designed to support the following ATI FirePro™/FireGL™ products:

Workstation Devices	WHQL XP	WHQL XP64A	WHQL Vista32	WHQL Vista64	WHQL Win7 32	WHQL Win7 64	Linux
ATI FirePro™ V9800	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V8800	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V8750	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V8700	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V7800	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V7750	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V5800	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V5700	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V4800	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V3800	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V3750	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ V3700	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ 2460	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ 2450	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ S400	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro™ RG220	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FireGL™ V8650	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FireGL™ V8600	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FireGL™ V7700	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FireGL™ V7600	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FireGL™ V5600	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FireGL™ V3600	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FireMV™ 2260	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro M5800 (HP EliteBook 8540w)	Yes	Yes	No	No	Yes	Yes	Yes
ATI FirePro M7740 (Dell Precision M6400)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro M7740 (Dell Precision M6500)	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ATI FirePro M7820 (HP EliteBook 8740w)	Yes	Yes	No	No	Yes	Yes	Yes
AMD FireStream™ 9270	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AMD FireStream™ 9250	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AMD FireStream™ 9170	Yes	Yes	Yes	Yes	Yes	Yes	Yes



Note: Includes support for recently announced ultra-high-end ATI FirePro™ V9800 (4GB memory, 6 outputs)



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

New Features

This section provides information on new features found in this release of the ATI FirePro™/FireGL™ Unified Driver. These include the following:

- Adds support for OpenCL SDK v2.2 with OpenCL 1.1, and bundles its runtime as part of unified driver
 - For details: <http://developer.amd.com/gpu/atistreamsdk/pages/default.aspx>
- ATI Eyefinity - HydraVision enhancements:
 - Maximizing a window across displays will now take user defined bezel compensation into account
 - Automatically adjusts window position when dragging and dropping windows to ensure title bar visibility
 - Proper dialog box placement - dialogs do not cross displays, are not hidden behind bezels, and can be designated to be shown on the users “preferred” display

Performance Enhancements

The following performance enhancements are supported in the ATI FirePro™/FireGL™ Unified Driver version 8.773.1.1:

- Inventor 2011 performance gains on ATI FirePro™ and ATI FireGL™ graphics adapters
- SPECviewperf 11 performance gains on ATI FirePro™ Vx800 series

Windows Operating systems supported

The ATI FirePro™/FireGL™ Unified Driver version 8.773.1.1 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

Linux Operating Systems Distributions Supported

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

- Red Hat Enterprise Linux - Workstation (RHEL-WS) 4.7 and 4.8
- Red Hat Enterprise Linux - Desktop 5.3 and 5.4
- SUSE LINUX Enterprise Desktop (SLED) 10 SP3 and 11 SP1
- SUSE LINUX Enterprise Server (SLES) 10 SP3 and 11 SP1
- OpenSUSE 11.1 and 11.2
- Red Flag Desktop 7
- Ubuntu 9.10 and 10.04
- RHEL 6 (RedHat Enterprise Linux) early look
- Dell Precision mobile Linux drivers are intended RHEL only



Note: The ATI 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.

Windows Issues

This section provides last minute information on issues that may be experienced when using this release of the ATI FirePro™/FireGL™ Unified Driver on systems running the Windows operating systems. These include the following:

Known Issues

- Rapid and sustained mode changes may cause system hang or blue screen in single or multiple monitor configurations
- May see black bars with changing perspective on Envisioneer
- May see system hang on restart with some hypervisors
- May see incorrect renders with multi-draw arrays when using Team Center Visual
- May see an enlarged mouse pointer at high resolutions with some applications when used with specific chipsets
- The user may see crashes with complex polygon shaded models in Maya 2010 and 2011

Resolved Issues

- [Maya 2009] Application might produce invalid results on non-CrossFire™ systems with ATI FirePro™ V8700
- [Abaqus/CAE 6.9-2] Model corruption may be visible with translucency enabled

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- [AutoCAD 2011] Corruption may be visible when resuming from standby in extended display mode
 - [Sogitec] FrameCounter might not be equal when a delay is added and Framelock is enabled
 - [Vred] Shading might not work correctly
 - The extended display might fail to resume when the system wakes up from hibernation
 - Parts of sample model disappear when zooming in/out or panning on some applications
 - May see corruption in specific use cases when using Toxik 2010 and Composite 2011 with floating windows in extended display mode
 - [Softimage|XSI 2011] Application may terminate abruptly by clicking Alt + right mouse button on top of the XSI_Man model in OpenGL Mode
 - [Composite 2011] Desktop may intermittently not refresh while doing maximize and restore
 - [Showcase 2011] Shadows might not be appearing properly
 - [Maya 2011] Manipulating the model and then minimizing the application may cause the system to stop responding
 - [Maya 2011 Hotfix 3] Application may terminate abruptly and display error message with Test24
 - [AutoCAD 2011] Enabling the secondary display may cause the application on the primary desktop to stop responding

Linux Issues

This section provides last minute information on issues that may be experienced when using this release of the ATI FirePro™/FireGL™ Unified Driver on systems running the Linux operating system. These include the following:

Known Issues

- When using remote graphics products, the second monitor may drop when the PCoIP session is interrupted and then re-established
- With Linux users may encounter pulsar crashed with active and autostereo

Resolved Issues

- May see corruption in 10 bit mode when the desktop is rotated with Linux distributions
- May see Mudbox instability in Linux