# ATI FirePro™/FireGL™ Unified Driver Version 8.773.1.1 Release Notes
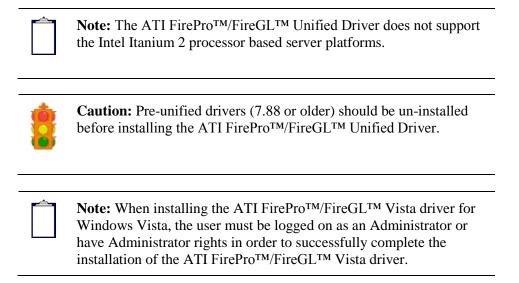
ATI's FirePro™/FireGL™ card is designed to accelerate 3D workstation applications. With full certification on the leading computer aided design (CAD), digital content creation (DCC) and architecture/engineering/construction (AEC) applications, ATI FirePro™/FireGL™ is the high performance choice for graphics 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 | WHQL 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 |
| ATI FirePro™ V7800 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| ATI FirePro™ V7750 | Yes | Yes | Yes | Yes | Yes | Yes | No | 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™ 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 (HP EliteBook 8740w) | 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 |

> **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

> **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 hand 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 and 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
- [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