



Catalyst™ Software Suite Version 9.2 Release Notes

This release note provides information on the latest posting of AMD's industry leading software suite, Catalyst™. This particular software suite updates both the AMD Display Driver, and the Catalyst™ Control Center. This unified driver has been further enhanced to provide the highest level of power, performance, and reliability. The AMD Catalyst™ software suite is the ultimate in performance and stability.

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This release note provides information on the following:

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Web Content

The Catalyst™ Software Suite 9.2 contains the following:

- Radeon™ display driver 8.582
- HydraVision™ for both Windows XP and Vista
- HydraVision™ Basic Edition (Windows XP only)
- WDM Driver Install Bundle
- Southbridge/IXP Driver
- Catalyst™ Control Center Version 8.582



Caution: The Catalyst™ software driver and the Catalyst™ Control Center can be downloaded independently of each other. However, for maximum stability and performance AMD recommends that both components be updated from the same Catalyst™ release



Caution: The Catalyst™ Control Center requires that the Microsoft .NET Framework version 2.0 be installed. Without .NET version 2.0 installed, the Catalyst™ Control Center will not launch properly and the user will see an error message.



Note: These release notes provide information on the Radeon™ display driver only. For information on the ATI Multimedia Center™, HydraVision™, HydraVision Basic Edition, WDM, Remote Wonder™, or the Southbridge/IXP driver, please refer to their respective release notes found at: <https://support.ati.com/>

AMD Product Support

The Catalyst™ Vista driver for both the 32bit and 64bit versions of the Microsoft Windows Vista operating system is supported on the following ATI Radeon™ products.

AMD Desktop Product Family Support for both Windows Vista and XP

AMD Desktop Product Family Support	
ATI Radeon™ HD 4350 Series	
ATI Radeon™ HD 4850 X2 Series	ATI Radeon™ HD 4650 Series
ATI Radeon™ HD 4670 Series	ATI Radeon™ HD 4870 X2 Series
ATI Radeon™ HD 4550 Series	ATI Radeon™ HD4600 Series
ATI Radeon™ HD 4800 Series	ATI Radeon™ X1300 Series

AMD Desktop Product Family Support for both Windows Vista and XP

AMD Desktop Product Family Support	
ATI Radeon™ HD 3800 Series	ATI Radeon™ X1050 Series
ATI Radeon™ HD 3600 Series	ATI Radeon™ X850 Series
ATI Radeon™ HD 3400 Series	ATI Radeon™ X800 Series
ATI Radeon™ HD 2900 Series	ATI Radeon™ X700 Series
ATI Radeon™ HD 2600 Series	ATI Radeon™ X600 Series
ATI Radeon™ HD 2400 Series	ATI Radeon™ X550 Series
ATI Radeon™ X1950 Series	ATI Radeon™ X300 Series
ATI Radeon™ X1900 Series	ATI Radeon™ 9800 Series
ATI Radeon™ X1800 Series	ATI Radeon™ 9700 Series
ATI Radeon™ X1650 Series	ATI Radeon™ 9600 Series
ATI Radeon™ X1600 Series	ATI Radeon™ 9550 Series
ATI Radeon™ X1550 Series	ATI Radeon™ 9500 Series

AMD Multimedia Family Product Support for both Windows Vista and XP

AMD Multimedia Family Product Support	
ATI All-in-Wonder™ HD	ATI All-in-Wonder™ 2006 Edition
ATI All-in-Wonder™ X1900 Series	ATI All-in-Wonder™ 9800 Series
ATI All-in-Wonder™ X1800 Series	ATI All-in-Wonder™ 9600 Series
ATI All-in-Wonder™ X800 Series	ATI Theater™ 550 PRO
ATI All-in-Wonder™ X600 Series	ATI Theater 600™
ATI Theater 650™	



Note: ATI All-in-Wonder™ boards operate with AMD's Windows Vista ready display and capture drivers under the Windows Vista operating system. However, the Windows Vista Media Center application does not support TV/Capture functionality provided by the ATI All-in-Wonder™. TV/Capture functionality is qualified to function with Snapstream's BeyondTV 4.6 for Windows Vista. Other third party solutions (such as Arcsoft's Total Media 3) may support TV/Capture with the ATI All-in-Wonder™, but these applications have not been fully tested by AMD.

AMD Chipset Product Support

AMD Chipset Product Support	
ATI Radeon™ HD 3300 Series	ATI Radeon™ Xpress 3200 CrossFire
ATI Radeon™ HD 3200 Series	AMD 690 Series Chipset
ATI Radeon™ 3100 Series	AMD 580X Series Chipset
ATI Radeon™ 3000 Series	ATI Radeon™ Xpress 1150 Series
ATI Radeon™ 2100 Series	ATI Radeon™ Xpress 1100 Series
ATI Radeon™ X1250 Series	ATI Radeon™ Xpress 200 Series
ATI Radeon™ X1200 Series	ATI Radeon™ Xpress 1250 Series

Operating Systems Supported

The latest version of the Catalyst™ software suite is designed to support the following Microsoft Windows platforms:

- Windows Vista (32 and 64 bit versions)
- Windows XP Professional
- Windows XP Home Edition
- Windows XP Media Center Edition
- Windows XP Professional x64 Edition



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

Performance Improvements

Catalyst™ 9.2 brings performance benefits in several cases where framerates are CPU-limited. Some measured examples are:

- Crysis DX10 gains up to 20%
- Crysis Warhead DX10 gains up to 20%
- World in Conflict gains up to 5%

Resolved Issues for the Windows Vista Operating System

This section provides information on resolved issues in this release of the ATI Catalyst™ Software Suite for Windows Vista. These include:

- Catalyst Control Center now enables Anisotropic Filtering for DirectX 10 applications.

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- Resolved Catalyst Control Center displaying the following warning message “The Catalyst Control Center is not supported by the driver version.”
 - Catalyst Control Center, Display Manager correctly shows connected monitor maximum refresh rates
 - Catalysts Control Center, component video pixel format settings are retained on system restart
 - Minor screen corruption no longer occurs at the top left of some Samsung panels when connected to ATI Radeon HD 3200 Graphics
 - In Call of Duty 4, some intermittent game corruption no longer occurs when soften smoke edges is enabled
 - Reinstalling the display driver using the INF method on a multi-display (ATI Radeon HD 3870 X2, Radeon HD 3870) system does not cause the operating system to fail
 - Resolved minor flickering in the playback of a Blu-ray title that may be noticed when moving to the extended desktop
 - Catalyst Control Center, Crossfire Overdrive, changing the GPU Clock and Memory Clock from the default settings no longer causes a failure in the Test Custom Clocks test
 - With Anti-Alias enabled Doom3 no longer intermittently fails to start on some Crossfire systems
 - Enemy Territory: Quake Wars corruption observed in the globe in the main menu no longer occurs
 - The display driver no longer fails to load on some systems with more than 8 GB of system RAM
 - Catalyst Control Center, some HDMI monitor are not longer incorrectly reported back as DVI
 - Resolved video displaying in black and white when playing back high bitrate AVCHD files
 - Playing back some Blu-ray content with video acceleration disabled on Cyberlink Power DVD_Cinema no longer results in no video rendering
 - Fixed H.264 videos not rendering (black video) when Closed Captioning was enabled
 - Overlay Theater Mode now enables with a component video or composite video in extended modes
 - Playing some Blu-ray DVD titles on PowerDVD no longer shows the lower portion of the player window intermittently appear shaky when playing Special Features
 - Some video shake is no longer observed when fast forwarding with certain Blue-ray titles
 - Resolved intermittent system instability with catalyst 8.12 and some ATI Radeon HD 4800 CrossFire configurations
 - Video tearing no longer noticed when playing back some DVD titles on WinDVD with all hardware acceleration options enabled

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- Creating any type of an OpenGL 3.0 context (normal or forward compatible) and then requesting the version string no longer causes the driver to stop responding
 - The OS is no longer unstable while running auto-tune when Crossfire is enabled

Resolved Issues for the Windows XP Operating System

This section provides information on resolved issues in this release of the ATI Catalyst™ Software Suite for Windows XP. These include:

- System instabilities no longer happens after mode switching in extended mode while playing some copy protected DVDs
- Catalyst Control Center, CrossFire option can no longer be toggled on/off during playback of video on a CrossFire enabled system
- Creating any type of an OpenGL 3.0 context (normal or forward compatible) and then requesting the version string no longer causes the driver to stop responding
- With Overlay Theater Mode and stretched desktop enabled, dragging media player to extended desktop no longer shows corruption or causes system instability
- High CPU usage and choppy playback issues have been resolved during Blu-ray playback on WinDVD 9
- Catalysts Control Center, component video pixel format settings are now retained on system restart

Known Issues Under the Windows Vista Operating System

This section provides information on known issues that may be experienced under the Windows Vista operating system with the latest version of Catalyst™. These include:

- AVIVO converter may fail to convert h.264 avi video to another format
- “Unsupported file formats” error message dialog may occur when selecting H.264,.mp4 and VC1 file formats
- “CCC Host application...” error message dialog may occur when cancelling a transcoding process
- Output media file size differs after transcoding multiple times to the same format
- Catalyst Control Center, advanced color page is grayed out and preview is blank on some Radeon ASICS
- Drop frames may be noticed when playing interlaced DVD content
- The ATI AVIVO video transcoder does not currently use GPU acceleration under Windows Vista 64-bit edition
- Catalyst Control Center: error message dialog 'CCC Host Application' may be displayed when cancelling a transcoding process

Known Issues Under the Windows XP Operating System

The following section provides a summary of open issues that may be experienced under the Windows XP operating system in the latest version of Catalyst™. These include:

- Transcoding a VOB DVD file (18min source file) results in 2.27min output file
- Transcoding falls back to CPU after transcoding to DVD/ MPEG2 multiple times in XP
- Media files transcoded using CPU instead of GPU in XP MCE OS
- AVIVO Video color settings may fail to be applied in the video when played using PowerDVD
- Mode switching while playing videos with WinDVD7 may cause the video color to become darker

Installing the Catalyst™ Vista Software Driver

For further information and general help on software driver installation, game issues, and more, visit [ATI Customer Care](#).

Installation information can be found at: ati.amd.com

Catalyst™ Crew Driver Feedback

This driver release incorporates suggestions received through the Catalyst™ CREW Driver Feedback program. To provide us with your feedback, visit: [Catalyst™ Crew Driver Feedback](#).