



## *Catalyst™ Software Suite Version 9.10 Release Notes*

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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.

For exclusive Catalyst™ updates follow [Catalyst Maker](#) on Twitter.

This release note provides information on the following:

- *Web Content*
- *AMD Product Support*
- *Operating Systems Supported*
- *New Features*
- *Resolved Issues for All Windows Operating Systems*
- *Resolved Issues for the Windows 7 Operating System*
- *Resolved Issues for the Windows Vista Operating System*
- *Resolved Issues for the Windows XP Operating System*
- *Known Issues Under the Windows 7 Operating System*
- *Known Issues Under the Windows Vista Operating System*
- *Known Issues Under the Windows XP Operating System*
- *Installing the Catalyst™ Vista Software Driver*
- *Catalyst™ Crew Driver Feedback*

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## Web Content

The Catalyst™ Software Suite 9.10 contains the following:

- Radeon™ display driver 8.661
- HydraVision™ for both Windows XP, Vista and Windows 7
- WDM Driver Install Bundle
- Southbridge/IXP Driver
- Catalyst™ Control Center Version 8.661



**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.

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**Caution:** The Catalyst™ Control Center requires that the Microsoft .NET Framework SP1 be installed. Without .NET SP1 installed, the Catalyst™ Control Center will not launch properly and the user will see an error message.

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**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: <http://support.amd.com/>.

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**Note:** Although listed in the documentation, ADL\_Adapter\_ClockInfo\_Get is not available in the current version of the ADL. The code for obtaining the clock information was excluded due to inaccurate information being reported when the card is over-clocked. Future updates of ADL SDK will reflect this change. As an alternative, ADL\_Overdrive5\_ODParameters\_Get() can be used but this API is only supported on R600 and above ASICs.

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**Note:** The Drag and Drop Transcoding feature is a beta level feature provided only for evaluation purposes.

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**Note:** The Drag and Drop Transcoding feature is only supported on single and dual core CPUs, and supported on devices that support Media Transfer Protocol (MTP).

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## 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

AMD Desktop Product Family Support	
ATI Radeon™ HD 5800 Series	ATI Radeon™ HD 4550 Series
ATI Radeon™ HD 4890 Series	ATI Radeon™ HD 4350 Series
ATI Radeon™ HD 4870 X2 Series	ATI Radeon™ HD 3800 Series
ATI Radeon™ HD 4850 X2 Series	ATI Radeon™ HD 3600 Series
ATI Radeon™ HD 4800 Series	ATI Radeon™ HD 3400 Series
ATI Radeon™ HD 4700 Series	ATI Radeon™ HD 2900 Series
ATI Radeon™ HD 4670 Series	ATI Radeon™ HD 2600 Series
ATI Radeon™ HD 4650 Series	ATI Radeon™ HD 2400 Series
ATI Radeon™ HD 4600 Series	

### AMD Multimedia Family Product Support

AMD Multimedia Family Product Support	
ATI All-in-Wonder™ HD	ATI Theater™ 650
ATI Theater™ HD 750	ATI Theater™ 600



**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 4200 Series	ATI Radeon™ 3100 Series
ATI Radeon™ HD 3300 Series	ATI Radeon™ 3000 Series
ATI Radeon™ HD 3200 Series	

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## AMD FireStream™ Product Family Support

AMD FireStream™ Product Support	
AMD FireStream™ 9270	AMD FireStream™ 9170
AMD FireStream™ 9250	

## Operating Systems Supported

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

- Windows 7 32-bit version
- Windows 7 64-bit version
- Windows Vista 32-bit version
- Windows Vista 64-bit version
- 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.

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## New Features

This section provides information on new features found in this release of the **Radeon™** Display Driver. These include the following:

- *GPU acceleration for the Windows 7 Drag and Drop video converting application*
- *Super Sample Anti-Aliasing for the ATI Radeon HD 5800 Series*

### GPU acceleration for the Windows 7 Drag and Drop video converting application

This release of ATI Catalyst™ provides GPU support for the Windows 7 Drag and Drop video converter application found in the Windows 7 Operating System. This feature is supported on the ATI Radeon™ HD 5800, ATI Radeon™ HD 5700 and ATI Radeon™ HD 4000 Series of products.

### Super Sample Anti-Aliasing for the ATI Radeon HD 5800 Series

This release of ATI Catalyst™ provides support for a new Anti-Aliasing method on the ATI Radeon™ HD 5800 Series. Users can now experience the high level of anti-aliasing image quality using Super Sampling anti-aliasing while maintaining good performance levels.

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## Resolved Issues for All Windows Operating Systems

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

- The video preview in Avivo™ Video - Basic Quality page in Catalyst Control Center no longer flickers while playing SD/HD Blu-ray titles
- Underscan/Overscan settings for TV can now be applied from the Catalyst Control Center - TV Properties Adjustments page
- The display mode page will now refresh properly when selecting another display from drop down menu in Catalyst Control Center with two displays connected in extended mode
- "Component Video Properties" is no longer incorrectly listed under the "Quick Settings" tab under Catalyst Control Center - Basic view in extended mode
- Changes to the Avivo™ Video Presets page in Catalyst Control Center can now be applied and will not revert back to the default settings
- The "Use Application Settings" checkbox in Avivo™ Video Presets page can now be unchecked in Catalyst Control Center
- Changes to the "All Settings" and "Basic Quality" pages in Catalyst Control Center - Avivo™ Video will now be retained after reboot
- Switching profile settings in Avivo™ Video - Basic Quality page now functions properly in Catalyst Control Center

## Resolved Issues for the Windows 7 Operating System

This section provides information on resolved issues in this release of the ATI Catalyst™ Software Suite for Windows 7. These include:

- EA Sports startup logo screen for "Tiger Woods PGA Tour 08" will no longer disappear or turn black
- Ghostbusters video game no longer flickers between desktop and game play when anti-aliasing is set to 8X and game resolution set to 2560x1600

## 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:

- Enabling Screen Space Ambient Occlusion option in "Riddick 2 Dark Athena" no longer causes the game to fail under Multi-GPU configurations
- Severe flickering no longer observed while running 3D games/samples on specific HDMI displays with Tripod and Quad CrossFire enabled configurations
- Desktop flashing no longer observed after driver installation and reboot with systems configured with Radeon ASIC in the primary PCIe slot and Firestream ASIC in the secondary PCIe slot
- "Combat Mission Shock Force" no longer fails after a duration of game play
- Intermittent flashing no longer visible in Windows with ViewSonic VE150m displays

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## 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:

- Catalyst Control Center: The DTV (HDMI) Pixel Format settings will now be restored when a HDMI display is hotplugged back after a DVI display is hotplugged and unplugged during the interval to the same port
- System no longer reboots or displays a black screen while executing ATI Stream applications with a particular combination of ASICs set as primary and secondary
- "Force maximum performance clocks" option is now available for the second ASIC in the Catalyst Control Center system tray when two R700 ASICs are connected
- Corruption no longer observed during Blu-ray DVD H.264/VC-1 content playback
- Different Presets/Basic Color options can now be selected under Avivo™ Video in Catalyst Control Center Advanced View

## Known Issues Under the Windows 7 Operating System

The following section provides a summary of open issues that may be experienced under the Windows 7 operating system in the latest version of Catalyst™. These include:

- Display may go blank after resuming from hibernation during SD DVD playback in Media Center (MCE)
- calMemCopy() may cause a system with 2 ATI Radeon HD 3870 X2s to become unresponsive
- "World in Conflict" (DX10) might exhibit corruption when exiting from multi-player game with extended desktop
- "Tom Clancy's HAWX" (in DX9 and DX10) might not output audio during game play on specific machines
- Corruption is observed while playing "The Witcher" video game on the ATI Radeon™ HD 58xx products

## Known Issues Under the Windows Vista Operating System

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

- "ANNO 1404" (also known as "Dawn of Discovery") may display black texture corruption instead of surface terrain for some ASICs
- A green line may be visible at the bottom when playing interlaced content
- PowerDVD might terminate abruptly when playing HD MPEG2 content in extended/clone mode
- The de-noise value in the Avivo™ Video - Advanced Quality page might not be set to proper default value after driver installation
- Corruption is observed while playing "The Witcher" video game on the ATI Radeon™ HD 58xx products

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## 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 of AC3 files might not work, corruption may be visible in transcoded file
- Selection for "Add 720p50 in the Display Manager (PAL)" might be missing under HDTV Support in Catalyst Control Center - Monitor Properties for some ASICs
- HDTV optimized & custom modes for DFP/HDMI displays might fail to apply when displays are in clone mode for some ASICs
- PowerDVD may fail to respond during SD/Blu-ray DVD playback when using a HDMI receiver and the audio is set to S/PDIF speaker configuration

## Installing the Catalyst™ Vista Software Driver

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

Installation information can be found at: [How to Install Your ATI Product](#).

## 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](#).