



Catalyst™ Software Suite Version 9.4 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.

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

This release note provides information on the following:

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- *Resolved Issues for the Windows XP Operating System*
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Web Content

The Catalyst™ Software Suite 9.4 contains the following:

- Radeon™ display driver 8.60
- HydraVision™ for both Windows XP and Vista
- HydraVision™ Basic Edition (Windows XP only)
- WDM Driver Install Bundle
- Southbridge/IXP Driver
- Catalyst™ Control Center Version 8.60



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.amd.com/>.



Note: HDMI Audio driver is supported on the Windows Vista OS only.

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 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 |

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|----------------------------|----------------------------|
| ATI Radeon™ HD 4670 Series | ATI Radeon™ HD 2900 Series |
| ATI Radeon™ HD 4650 Series | ATI Radeon™ HD 2600 Series |
| ATI Radeon™ HD 4600 Series | ATI Radeon™ HD 2400 Series |
| ATI Radeon™ HD 4550 Series | |

AMD Multimedia Family Product Support

| AMD Multimedia Family Product Support | |
|---------------------------------------|------------------|
| ATI Theater™ 550 PRO | ATI Theater 650™ |
| ATI All-in-Wonder™ HD | 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 3300 Series | ATI Radeon™ 3100 Series |
| ATI Radeon™ HD 3200 Series | ATI Radeon™ 3000 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
- Windows 7



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.

New Features

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

- *ATI Catalyst™ 9.4 - New ATI OverDrive™ auto-tuning application*

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- ATI Catalyst 9.4 includes a new ATI Overdrive™ auto-tune application to accurately determine the best over-clocked engine and memory values for ATI Overdrive supported ATI Radeon™ Graphics accelerators
- Designed for the ATI Radeon™ HD 4000 Series

* AMD's product warranty does not cover damages caused by over clocking, even when enabled via AMD OverDrive software

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:

- "World of Warcraft" or "World of Warcraft - Wrath of the Lich King": Flickering no longer occurs when Shadow is set to medium/high using CrossFire
- Google Sketchup no longer displays blank screen
- Resolutions above 10 x 7 will now full screen properly for specific HDMI displays
- Artifacts no longer visible while playing Age of Conan DX10
- VC-1 progressive disc playback no longer exhibits block corruption

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:

- The Compute Abstraction Layer (CAL) driver now functions properly under Windows XP
- Overlay Theatre Mode display no longer corrupt after enabling 3D screen saver
- OS Display Settings no longer shows extra resolutions for Component Video

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:

- City of Villains: Display now redraws correctly after changing graphics settings
- Catalyst Control Center: 1080i@30hz and 1080i@25hz Component Video modes can now be applied via Component Video - Advanced aspect

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- Custom formats modes can now be applied properly and will be available under "List All Modes"
 - Display profiles will now be restored when displays are swapped while the system sleeps
 - WinDVD9 HD playback doesn't cause the desktop to jitter or flicker anymore
 - Device Manager no longer displays error during express driver uninstall

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
- The ATI AVIVO video transcoder does not currently use GPU acceleration under Windows Vista 64-bit edition
- Both LCD and CRT may go blank when hotplugging the CRT to the system, and will not recover until it is switched to discrete GPU
- DVD playback may cause the system to stop responding after resume from S3/sleep
- Frames may be dropped when playing Blu-ray video with PowerDVD8
- "Fan Speed Control" may change to default settings when Crossfire is enabled/disabled
- Audio Control Panel might show the HDTV entry even when unplugged
- Rotation may not work if Aero mode is turned off
- Call of Duty 5: Some corruption may be visible
- Audio Control Panel might not reflect configuration change from 7.1 Audio to Stereo
- Running OpenGL applications in windowed mode on extended desktop may cause the secondary display to go blank for some ASICs
- Catalyst Control Center: On "Available Display Devices" detection page, when selecting the secondary display, the radio button is not greyed out for the monitor already chosen as the main display
- Corruption might be observed in some OGL games with Super Anti-Alias and "Show CrossfireX" enabled on 3-4 display configurations
- Fallout 3 with QUAD Crossfire may flicker at specific resolutions
- Second adapter will run at custom GPU clock values instead of default minimum clock values until a 3D game is launched and exited in full screen mode

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

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- Media files transcoded using CPU instead of GPU in XP MCE OS
 - Garbled text may appear on resume splash screen after hibernation with some ASICs
 - OS Display Settings shows extra resolutions for Component Video
 - A performance drop may be observed on Enemy Territory Quake Wars, Doom3 and Quake4
 - Fan Speed Control is missing in OverDrive5 aspect

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:

- Moving a video clip file across an extended desktop may cause Windows Media player to stop responding on ATI Radeon 31xx, 24xx devices
- Display configuration changes in extended desktop may take longer than normal to apply
- Catalyst Control Center: Advance Color page, when enabling the advanced color settings the preview window may blank out
- Opening Catalyst Control Center may result in an error message when using Dual Adapters with a non-ATI ASIC and ATI ASIC
- Switching amongst Virtual Desktops may cause certain applications on one virtual desktop to move to another virtual desktop
- Catalyst Control Center: Enable dialog reposition does not show on proper monitor when system is configured with 4 displays
- Catalyst Control Center page is missing under OS Display Properties
- Confirmation dialog box might not appear when applying HDTV 720p and 1080i formats; the resolution will be applied automatically
- Catalyst Control Center: At the end of the auto-tuning, it might not report that the process has completed successfully
- Power Cinema may have to be launched twice to start Blu-ray playback
- Moving a video clip across an extended desktop may cause the desktop to flicker or the media player to stop functioning
- Component Video may be missing modes by default
- Device manager mistakenly identifies the adapter as Standard VGA Adapter for some ASICs
- Interlaced modes might not be listed in the "List All Modes" window with HDTV supported DFP panels
- "Yes" and "No" buttons might disappear while moving confirmation windows on desktop during driver installation
- Interlaced modes might not be applied on HDTV supported DFP panels even when forced via Catalyst Control Center
- Restricting the maximum refresh rate and resolution via Catalyst Control Center may fail to apply
- Changes to display resolutions may fail to apply for Component Video and S-Video
- Catalyst Control Center: Image Scaling settings might not be applied
- Avivo Video Converter option is not available for Windows 7

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](#).