



# *Catalyst™ Software Suite Version 9.1 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.

This release note provides information on the following:

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

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## Web Content

The Catalyst™ Software Suite 9.1 contains the following:

- Radeon™ display driver 8.573
- HydraVision™ for both Windows XP and Vista
- HydraVision™ Basic Edition (Windows XP only)
- WDM Driver Install Bundle
- Southbridge/IXP Driver
- Catalyst™ Control Center Version 8.573



**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/>

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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 for both Windows Vista and XP

AMD Desktop Product Family Support	
ATI Radeon™ HD 4350 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
ATI Radeon™ HD 3800 Series	ATI Radeon™ X1050 Series

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## AMD Desktop Product Family Support for both Windows Vista and XP

AMD Desktop Product Family Support	
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.

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## AMD Chipset Product Support

AMD Chipset Product Support	
ATI Radeon™ HD 3300 Series	
ATI Radeon™ HD 3200 Series	AMD 690 Series Chipset
ATI Radeon™ HD 3100 Series	AMD 580X Series Chipset
ATI Radeon™ HD 3000 Series	ATI Radeon™ Xpress 1150 Series
ATI Radeon™ HD 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.

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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:

- *Full OpenGL™ 3.0 support*

### Full OpenGL™ 3.0 support

This release of ATI Catalyst™ provides full OpenGL™ 3.0 extension support. The following is a list of OpenGL™ 3.0 extensions added in Catalyst 9.1:

- ARB\_framebuffer\_object
- ARB\_half\_float\_vertex
- ARB\_texture\_rg
- EXT\_texture\_array
- EXT\_texture\_integer

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- EXT\_transform\_feedback
  - NV\_conditional\_render
  - WGL/GLX\_create\_context (for new 3.0 contexts)
  - GLSL 1.3
  - ARB\_color\_buffer\_float
  - ARB\_vertex\_array\_object
  - EXT\_draw\_buffers2

## Resolved Issues for Windows Vista and Windows XP Operating Systems

- “Move to Monitor” option does not work for some Open GL application
- Playing back MPEG2 files may fail to respond when task switching between virtual desktops in extended desktop mode
- Restoring to factory default, Catalyst Control Center may become unresponsive when multidesktop is enabled
- Catalyst Control Center: display index number are not the same as Displays Manager in Graphics Settings
- Catalyst Control Center: Some Catalyst text labels may be missing “General Settings Option” under Windows Traditional Chinese
- Catalyst Control Center: System may become unresponsive when uninstalling Hydravision package with all HV aspects checked in multi adapter configurations
- Catalyst Control Center: Enabling "Enable Desktop Manager" and "Enable Multi Desktop" will cause the following to be displayed in the Windows Task Manager HydraDM64 and HydraMD64
- Catalyst Control Center: Preparing Help dialog window will come up in English on other localized Windows operating systems
- About Catalyst Control Center window may display some text corruption, when launched from the system tray
- Catalyst Control Center stops working when skin is changed to Quicksilver

## 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:

- With some ATI Radeon adapters and Windows Vista 64 systems with more than 4 GB of system memory the display driver may fail to load and report a code 43 error
- Some video performance playback may be noticed when using the latest version of Pixela
- Video combing effects may be noticed during movie playback while fast forwarding or rewinding

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- Catalyst Control Center: some screen corruption may be noticed after enabling 1080p HDMI support and adjusting the scaling options
  - Video may not fill secondary display when playing back HD 1080i content with Overlay Theater Mode enabled
  - Launching Medal Of Honor Allied Assault Spearhead game demo may result in a system stopped working error
  - Unable to extend the display to a secondary adapter until the system has been restarted after enable/disable CrossFire™
  - Reinstalling the display driver using the INF method on a multi-display (ATI Radeon HD 3870 X2, Radeon HD 3870) system may cause the operating system to fail
  - Playing Picture-in-Picture on a DVD with PowerCinema or PowerDVD may cause the system to halt.
  - System may become unstable when mode switching during playback of blu-ray content using WinDVD
  - System becomes unresponsive exiting Windows Media Center while playing high definition content
  - DXVA2 Video Decoder DDI Test failures on R7xx ASICs on Windows Vista Systems
  - Some interlacing may be noticed when fast forwarding a DVD playback
  - Catalyst Control Center: system may fail to boot after disabling CrossFire™ with dual ATI Radeon HD 48xx adapters
  - System unresponsive on reboot after installing the Catalyst 8.12 driver on ATI Radeon HD 4800 Series CrossFire™

## 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 Runtime does not restart automatically after HydraVision installation in Windows XP
- Catalyst Control Center: Hydravision tab is not shown in limited user accounts for Windows XP 64 bit
- Test corruption may be noticed when display is rotated to 'Left (90 ccw)' in resolutions greater than 1600 x 1200
- Playing back some HD MPEG2 videos will either shows black or show a reduced Overlay Theater mode on the secondary display
- TV may fail to display an image after installing the display driver with an HD-TV connected using DVI-HDMI adapter
- Video corruption may be noticed with some DVI monitors during a mode switch
- On some systems the following ATI warning dialog may be displayed after a system restore “Not enough displays to enable driver. Add another display device and try again.

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- Unable to install SMBus driver on ATI Radeon HD 3200 Graphics with ATI graphic card and integrated graphics disabled

## 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:

- The ATI Avivo video transcoder does not currently use GPU acceleration under Windows Vista 64-bit edition
- Catalyst Control Center: error message 'CCC Host Application' may be displayed when cancelling a transcoding process
- Video combing effects may be noticed during movie playback while fast forwarding or rewinding
- When using PowerDVD to play certain Blu-ray DVD titles, the lower portion of the player window may intermittently appear shaky when playing Special Features
- The Catalyst Control Center 3D settings option, Anisotropic Filtering does not currently work when running DirectX 10 applications – Anisotropic Filtering must be enabled within the application
- Some video tearing may be noticed when playing back some DVD titles on WinDVD with all hardware acceleration options enabled
- Random flashes or some bright pixels/lines may be observed during playback of some blu-ray titles
- Some flickering in the playback of a Blu-ray title may be noticed when moved to the extended desktop
- Catalyst Control Center, CrossFire™ Overdrive, changing the GPU Clock and Memory Clock from the default settings may cause a failure in the “Test Custom Clocks” test
- With Anti Alias enabled Doom3 will fail to launch on a CrossFire™ system.
- Cyberlink may stop responding and terminate when playing back some H.264 content
- Resuming from suspend mode while playing an HD or Blu-ray title on a system containing an ATI Radeon HD 46x0 series of product may intermittently result in a Time-out Detection and Recovery (TDR)

## 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:

- Only 2 channel audio is heard when playing back multichannel (Dolby 5.1.DTS) audio through HDMI connector

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- Corruption may be noticed when running overfly.exe in screensaver mode

## 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](http://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](#).