

ATI Catalyst™ Software Suite Version 8.6

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*
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- *ATI's Folding@Home*
- *Resolved Issues for the Windows Vista Operating System*
- *Resolved Issues for the Windows XP Operating System*
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- *Installing the Catalyst™ Vista Software Driver*
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Web Content

The Catalyst™ software suite 8.6 contains the following:

- Radeon™ display driver 8.501
- Multimedia Center™ 9.16 (Windows XP only)
- HydraVision™ for both Windows XP and Vista
- HydraVision™ Basic Edition (Windows XP only)
- Remote Wonder 3.04 (Windows XP only)
- WDM Driver Install Bundle
- Southbridge/IXP Driver
- Catalyst™ Control Center Version 8.6



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 4800 series	
ATI Radeon™ HD 3800 series	ATI Radeon™ X1300 series
ATI Radeon™ HD 3600 series	ATI Radeon™ X1050 series
ATI Radeon™ HD 3400 series	ATI Radeon™ X850 series
ATI Radeon™ HD 2900 series	ATI Radeon™ X800 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
ATI Radeon™ X700 series	

AMD Multimedia Family Product Support for both Windows Vista and XP

AMD Multimedia Family Product Support	
ATI All-in-Wonder™ X1900 Series	ATI Theater 600™
ATI All-in-Wonder™ X1800 Series	ATI All-in-Wonder™ X600 Series

ATI All-in-Wonder™ 2006 Edition	ATI Theater™ 550 PRO
ATI All-in-Wonder™ X800 Series	ATI All-in-Wonder™ 9800 Series
ATI Theater 650™	ATI All-in-Wonder™ 9600 Series



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 3200 Series	AMD 580X Series Chipset
ATI Radeon™ HD 3100 Series	ATI Radeon™ Xpress 1150 Series
ATI Radeon™ HD 2100 Series	ATI Radeon™ Xpress 1100 Series
ATI Radeon™ Xpress 1250 Series	ATI Radeon™ Xpress 200 Series
ATI Radeon™ X1250 Series	AMD 690 Series Chipset
ATI Radeon™ X1200 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 an Administrator or have Administrator rights in order to successfully complete the installation of the Catalyst™ Vista driver.

New Features

Catalyst™ 8.6 introduces the following new features:

- *OpenGL Adaptive Anti-Aliasing Custom Filters support*
- *OpenGL CrossFireX™ (QUAD) support - 3 or 4 GPUs in CrossFire™ mode*
- *Catalyst Install enhancement - No reboot required after Catalyst upgrade install*

OpenGL Adaptive Anti-Aliasing Custom Filters support

This release of Catalyst™ introduces Adaptive Anti-Aliasing Custom Filters support for OpenGL applications for the ATI Radeon™ HD 3000 Series, ATI Radeon™ HD 2000 Series of products. Using the Edge Detect Custom Filter, users can enable 12X and 24X Anti-Aliasing. Selecting 4X Anti-Aliasing plus selecting the Edge Detect filter delivers the equivalent of 12X Anti-Aliasing. Selecting 8X Anti-Aliasing plus selecting the Edge Detect filter delivers the equivalent of 24X Anti-Aliasing.

OpenGL CrossFireX™ (QUAD) support - 3 or 4 GPUs in CrossFire™ mode

This release of Catalyst™ introduces CrossFireX™ QUAD support for OpenGL applications. Users with any combination of a ATI Radeon™ HD 3870, ATI Radeon™ HD 3850, and ATI Radeon™ HD 3870 X2 graphics accelerators running with 3 or 4 GPUs will be able to run in CrossFireX™ QUAD mode (when used in a CrossFireX™ compatible PC).

Users are also able to run in CrossFireX™ QUAD mode while running in extended desktop mode on the Windows Vista desktop.



Note: This feature is supported under Windows Vista only

Catalyst Install enhancement - No reboot required after Catalyst upgrade install

This release of Catalyst™ introduces an enhancement to the Catalyst installer. Users are no longer required to reboot their system after Catalyst has finished installing (as long as the installation is an upgrade from a previous Catalyst install).

Performance Improvements

The following performance gains are noticed with this release of Catalyst™.

- 3DMark Vantage: 10 to 15% gains across all Radeon™ HD 3xxx and HD 2xxx products, with larger gains in specific cases.
- Call of Duty 4: Performance increases across all Radeon™ HD 3xxx and HD 2xxx products, with gains as large as 35% in specific maps.
- Call of Juarez DX10: Performance increases between 2 and 9% across all HD 3xxx and HD 2xxx products
- Company of Heroes (DX10 version): Performance increases between 4 and 10% across HD 36xx and HD 34xx products.

- Lost Planet (DX10 version): Performance increases by 1 or 2 fps across all HD 3xxx and HD 2xxx products, creating in some cases up to 20% increase.
- Lost Planet (DX9 version): Performance increases between 2 and 20% across all HD 3xxx and HD 2xxx products
- Prey OpenGL: 3-5% gains across HD 3xxx and HD 2xxx products.
- Quake 4 OpenGL: Up to 8% increase across all HD 3xxx and HD 2xxx products.
- Shadermark 2.1: Minor improvements across all HD 3xxx and HD 2xxx products, with the largest gains appearing on HD 3650 (up to 9%)
- ViewPerf 10: Substantial performance improvements across several of the sub-tests, with the largest gains in ugnx (up to 55%), catia (up to 17%) and tcvis (up to 10%) across all of the HD 3xxx and HD 2xxx products.

ATI's Folding@Home

Folding@Home is a distributed computing project designed by the Stanford University. The application performs intensive simulations of protein folding. This simulation will help researchers uncover how certain diseases develop. Folding@Home uses distributed computing to simulate protein folding, the workload is broken up into small work units and distributed across hundreds of thousands of computers over the internet. You can help find the cure to many different diseases! To join Folding@Home, follow these steps:

1. Download ATI's Catalyst™ software suite
2. Download the Folding@Home GPU client application



Note: The latest GPU client supports the ATI Radeon™ HD 3xx0 series of products only.

3. Enter the ATI team number 51394 and start folding!

For more information on Folding@Home visit:

<http://ati.amd.com/technology/streamcomputing/folding.html>

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:

- **Bioshock:** Corruption is no longer noticed in the water's reflection. Further details can be found in topic number 737-35077
- **Call of Duty 4:** Enabling AA no longer results in intermittent corruption being noticed when playing the game on a system running Windows Vista with an ATI Radeon™ HD 38x0 series of product installed. Further details can be found in topic number 737-35072

- **Crysis:** Momentary corruption is no longer noticed in the body of water when a soldier pierces through the clouds. Further details can be found in topic number 737-32599
- **Crysis:** Playing a DX10 version of the game no longer results in flickering being noticed within the bushes and on the trees when the in-game advanced setting are set to low. Further details can be found in topic number 737-35074
- **Frontlines: Fuel of War:** Flickering and corruption is no longer noticed when playing the game on a system containing an ATI Radeon™ HD 3800 series of product when CrossFire™ is enabled. Further details can be found in topic number 737-35067
- **Guitar Hero III:** Shadows are no longer seen in the middle-bottom portion of the display where the music score is located. Further details can be found in topic number 737-35071
- **Lost Planet:** Running the cave test on a system containing an ATI Radeon™ HD 38x0 series of product no longer results in low FPS values. Further details can be found in topic number 737-35073M
- **Sins of a Solar Empire:** Corruption is no longer noticed when playing the game on a system running Windows Vista and containing either an ATI Radeon™ X1xx0 or 9700 series of product. Further details can be found in topic number 737-35068
- **Stalker:** Enabling CrossFire™ no longer results in the clear sky failing to scale properly. Further details can be found in topic number 737-35070
- **Unreal Tournament 3:** Scaling is now functioning when using 24 or more bots when CrossFire™ is enabled. Further details can be found in topic number 737-35069
- Rebooting the operating system after changing the skin to any available option other than system skin no longer results in the Catalyst™ Control Center menu options no longer being visible. Further details can be found in topic number 737-30569
- The Catalyst™ Control Center menu option no longer fails to function when changing the skin from system skin to any other available skin. Further details can be found in topic number 737-30570
- Using the hot-key function to switch between various display scenarios no longer results in the HDMI display device displaying a blank screen. Further details can be found in topic number 737-31145
- Enabling CrossFire™ on a system containing an ATI Radeon™ X1900 CrossFire™ Edition product no longer results in the Windows Vista (64 bit version) failing. Further details can be found in topic number 737-31163
- Inconsistent behavior is no longer noticed in the Catalyst™ Control Center when clearing the Shared application from one virtual desktop to another. This issue may also be experienced under the Windows XP and Windows XP Professional x64 Edition operating systems. Further details can be found in topic number 737-32610
- Shared applications are no longer removed after selecting Restore desktop when virtual desktop mode is enabled. This issue may also be experienced under the Windows XP and Windows XP Professional x64 Edition operating systems. Further details can be found in topic number 737-32611
- Certain benchmark applications no longer report lower benchmark scores with CrossFire™ enabled. Further details can be found in topic number 737-33464
- Hot-plugging an HDTV to an HDMI port no longer results in flickering being noticed around the text of the Catalyst™ Control Center when setting the

display resolution to either 1776x1000 or 1920x1000. Further details can be found in topic number 737-34323

- The OverDrive™ option is no longer missing in the Catalyst™ Control Center after the installation of the graphics driver on systems containing an ATI Radeon™ HD 2900 series of product and running the Windows Vista operating system. Further details can be found in topic number 737-34123
- Performing a custom install of the ATI graphics driver under the Windows Vista operating system no longer results in a message indicating that the current version is not installed. Further details can be found in topic number 737-34150
- Attempting to hot plug an HDMI display device from one port to another no longer results in the display failing to display an image. Further details can be found in topic number 737-34151
- Connecting an HDMI display device no longer results in the Catalyst Control Center reporting the connector type as component. Further details can be found in topic number 737-35026
- Connecting an HDTV using the Component Video connector no longer results in the Catalyst Control Center (Basic View) failing to respond when switching to HDTV only mode. Further details can be found in topic number 737-35029
- Catalyst Control Center: Selecting the User Windows Display Language setting no longer results in the incorrect language being selected in the Catalyst Control Center. Further details can be found in topic number 737-35030
- A Catalyst Control Center Host Application error message is no longer displayed when performing a fast user switch. Further details can be found in topic number 737-35031
- Changing the saturation value found in the Catalyst Control Center->TV-Avivo page no longer results in the new values failing to take effect. Further details can be found in topic number 737-35036
- Catalyst Control Center: Connecting a secondary display device and enabling extended desktop mode no longer results in the Catalyst Control Center failing to respond when disabling the primary display device and attempting to set the secondary display device as the primary. Further details can be found in topic number 737-35039
- The Catalyst Control Center no longer fails to respond when modifying or assigning any hotkey in Hotkeys Manager. Further details can be found in topic number 737-34416
- Enabling and disabling GPU Scaling no longer results in some of the supported display resolutions no longer being available. Further details can be found in topic number 737-35047
- Hot-plugging an HDTV using the HDMI port no longer results in flickering being noticed around the text of the Catalyst Control Center when setting the display resolution to either 1776x1000 or 1920x1000. Further details can be found in topic number 737-35048
- Using the hot-key function to switch between various display scenarios no longer results in the HDMI display device displaying a blank screen. Further details can be found in topic number 737-31145
- Hot-plugging an HDTV to the HDMI port no longer results in the LCD failing to display an image when hot-unplugging the HDTV. Further details can be found in topic number 737-35052
- Playing a Blu-Ray DVD title using WinDVD 8.1 no longer results in corruption being noticed on the menu page. Further details can be found in topic number 737-35064

- Connecting an HDMI display device no longer results in the display device being detected as a DVI display device resolving the audio out issue. Further details can be found in topic number 737-35065
- The OverDrive™ option is no longer missing in the Catalyst Control Center after the installation of the graphics driver on systems containing an ATI Radeon™ HD 2900 series of product and running the Windows Vista operating system. Further details can be found in topic number 737-35066
- Enabling CrossFire™ on a system containing an ATI Radeon™ X1900 CrossFire™ Edition product no longer results in the Windows Vista (64 bit version) intermittently failing. Further details can be found in topic number 737-31163
- The Catalyst Control Center version number no longer fails to be updated after the installation of a newer Catalyst Control Center 737-28493
- Performing a custom install of the ATI graphics driver under the Windows Vista operating system no longer results in a message indicating that the current version is not installed. Further details can be found in topic number 737-35075
- Hot-plugging and hot-unplugging an HDMI display device no longer results in the Catalyst Control Center failing to detect the correct setting of the display device. Further details can be found in topic number 737-35076
- The Windows Vista operating system no longer fails to respond when running the Auto-tune utility found in the Catalyst Control Center OverDrive™ option 737-30584
- Connecting a TV as the secondary display device and enabling either clone mode or extended desktop mode no longer results in the TV failing to display an image when resuming from an S3 state. Further details can be found in topic number 737-33466
- Hot swapping a display device to the second DVI connector no longer results in the display device failing to be detected. Further details can be found in topic number 737-35078
- Attempting to hot plug an HDMI display device from one port to another no longer results in the display failing to display an image. Further details can be found in topic number 737-35079
- Corruption may be noticed when resuming a second time during the playback of a DVD title. Further details can be found in topic number 737-35080
- Seeking several times when playing an MPEG4 files using WinDVD no longer results in the video become 4 small videos windows within the playback screen. Further details can be found in topic number 737-35081
- Enabling Closed Captioning no longer results in a green line at left side and bottom of the text being noticed. Further details can be found in topic number 737-35082

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:

- **Call of Duty 4:** Intermittent flickering is no longer noticed when playing the game with CrossFire™ enabled on a systems running Windows XP and containing an ATI Radeon™ HD 38x0 series of product. Further details can be found in topic number 737-35092

- **Lost Planet:** Switching from the game to the Windows XP desktop and then back to the game no longer results in corruption being noticed within the game. Further details can be found in topic number 737-35091
- The Catalyst™ Control Center menu option no longer fails to function when changing the skin from system skin to any other available skin. Further details can be found in topic number 737-30570
- Intermittent flashing is no longer noticed in the right portion of the display when playing a 720p or 1080i media file when using the Windows Media Player v10. Further details can be found in topic number 737-32666
- The ATI OpenGL driver no longer fails to be applied on systems containing an ATI Radeon™ 3600/3650 AGP series of product. Further details can be found in topic number 737-33467
- Moving the Realplayer to the secondary display device no longer results in the playback windows appearing black. Further details can be found in topic number 737-34116
- The Rotation option is now available for the primary display device when two or more display devices are connected to the system. Further details can be found in topic number 737-34113
- Moving the WinDVD player to the secondary display device no longer results in the playback window appearing blank. Further details can be found in topic number 737-34120
- Connecting an HDMI display device to a system containing an ATI Radeon™ HD 3100/3200 series of product no longer results in the display failing to be detected as a DTV(HDMI) in the Catalyst Control Center. Further details can be found in topic number 737-35083
- The scaling option no longer changes from Full Screen to Centered after setting Extended desktop mode using the Quick Launch Buttons or FN+F4. Further details can be found in topic number 737-35084
- Intermittent flashing is no longer noticed in the right portion of the display when playing a 720p or 1080i media file when using the Windows Media Player v10. Further details can be found in topic number 737-32666
- Audio no longer fails when dragging the InterWinDVD or the Windows Media Player window to the extended desktop display. Further details can be found in topic number 737-35085
- The Windows XP operating system no longer fails to respond after completing the installation of the display driver for a second ATI Radeon™ HD 38x0 series of product inserted into the system. Further details can be found in topic number 737-35086
- CrossFire™ can no longer be enabled/disabled when running full screen D3D applications. Further details can be found in topic number 737-35087
- A warning message no longer fails to be displayed when reaching the maximum number of modes in the Predefined and Custom HDTV modes section of the Catalyst Control Center. This issue may also be experienced under the Windows Vista and XP Professional x64 Edition operating systems. Further details can be found in topic number 737-33468
- Adjusting the flicker removal in the TV properties of the Catalyst Control Center no longer results in corruption being noticed. Further details can be found in topic number 737-35088
- The Rotation option is now available for the primary display device when two or more display devices are connected to the system. Further details can be found in topic number 737-35089

- Corruption is no longer noticed when playing the Asian game WOW when using certain in game options. Further details can be found in topic number 737-35090
- Installing two ATI Radeon™ HD 38x0 series of product into a system running Windows XP no longer results in the operating system failing to respond when attempting to enable CrossFire™ support. Further details can be found in topic number 737-35093
- Installing the Catalyst Control Center on a previously installed version no longer results in a warning message that the setup is installing over an earlier version, and that the previous version needs to be uninstalled before installing a more current version, resulting in the Catalyst Control Center failing to be installed 737-28513
- Anti-Aliasing no longer becomes disabled after minimizing and restoring any OpenGL window. Further details can be found in topic number 737-35094
- The CrossFire™ tab is no longer missing when using two ATI Radeon™ X19x0 series of products in a system running Windows XP. Further details can be found in topic number 737-35095
- The display mode of 1776x1000 is now listed in both the Catalyst Control Center and the operating system's display properties. Further details can be found in topic number 737-35096
- Connecting a 1080p display device followed by playing h.264 interlaced content no longer results in a slight jitter and frame drops being noticed. Further details can be found in topic number 737-35097
- Playing an interlaced MPEG2 file no longer results in a grey hue being noticed on the bottom of the playback window. Further details can be found in topic number 737-35098
- Moving the WinDVD player to the secondary display device no longer results in the playback window appearing blank. Further details can be found in topic number 737-35099
- Moving the Realplayer to the secondary display device no longer results in the playback windows appearing black. Further details can be found in topic number 737-35100

Resolved Issues for the Windows XP Professional x64 Edition Operating System

This section provides information on resolved issues in this release of the ATI Catalyst™ Software Suite for Windows XP Professional x64 Edition. These include:

- **Unreal Tournament 3:** Changing the in-game display resolution no longer results in corruption being noticed. Further details can be found in topic number 737-33470
- The Windows XP Professional x64 Edition operating system no longer fails to resume from VPU Recover. Further details can be found in topic number 737-35101
- The CrossFire™ option is no longer greyed out after closing OpenGL applications. Further details can be found in topic number 737-35102

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:

- **Call of Duty:** Corruption may be noticed when having Quad CrossFire™ enable and an HDMI 1080p display device connected. Further details can be found in topic number 737-35112
- **Call of Duty 4 or Crysis:** Color corruption may be noticed when running the games in full screen mode with Quad CrossFire™ enabled. Further details can be found in topic number 737-35115
- **Company of Heroes:** Setting the in-game options to maximum levels may result in the game exiting to the desktop after the game has completed loading. Further details can be found in topic number 737-32600
- **Crysis:** Playing the game at a display resolution lower than the native display resolution of a connected 30" display device may result in corruption being noticed when CrossFire™ is enabled and having the Catalyst Control Center scaling the image to full screen. Further details can be found in topic number 737-35111
- **Linage II:** Switching between the game and the Windows desktop may result in the desktop appearing brighter than its original setting. Exiting the game and restarting the operating system may also result in the desktop brightness failing to be restored to its original setting. Further details can be found in topic number 737-35108
- **Unreal Tournament 3:** The game may intermittently fail to launch when a map has texture detail set to maximum. Further details can be found in topic number 737-31189
- **ZT:** Attempting to play the Asian game in a windowed mode or at a display resolution of 1280x1024 may result in the game failing to respond. Further details can be found in topic number 737-34152
- The secondary HDMI Display may turn off when resuming from an S1 hibernation with an HDMI display connected. Further details can be found in topic number 737-31146
- Setting the desktop resolution to 1600x1200 or greater may result in green pixel corruption being noticed when playing certain games. This issue maybe noticed when using a system running Windows Vista and containing an ATI Radeon™ HD 2600 or HD 2400 series of product. Further details can be found in topic number 737-31150
- Attempting to play the HD-DVD title Harsh Times, School for Scoundrels using the Cyberlink player may result in block corruption being noticed. Further details can be found in topic number 737-31155
- An error message may appear when installing the display driver package through setup.exe. Further details can be found in topic number 737-31577
- Installing an ATI Radeon™ X1600 series of product into a system containing an ATI Radeon™ HD 2600 series of product with the display driver already installed may result in the operating system entering a continuous reboot. This issue may be averted by removing the ATI graphics driver prior to the installation of the ATI Radeon™ X1600 series of product. This issue may also be experienced with the ATI Radeon™ X1300 and 1550 series of products. Further information may be found in topic number 737-33471
- Enabling clone mode followed by switching to extended desktop mode may result in the Windows Vista (64 bit version) failing to respond. Further details can be found in topic number 737-34125
- A black window may be displayed when attempting to play a DVD title using WinDVD 7 when Overlay Theater Mode and clone mode is enabled. Further details can be found in topic number 737-34133

- The secondary HDMI Display may turn off when resuming from an S1 hibernation with an HDMI display connected. Further details can be found in topic number 737-31146
- Connecting an HDMI display device to the DVI port using an HDMI to DVI dongle may result in the display mode of 720x480 failing to be in the display mode list after hot-unplugging the HDMI display device and hot-plugging a DVI display device. Further details can be found in topic number 737-35105
- Enabling clone mode followed by switching to extended desktop mode may result in the Windows Vista (64 bit version) failing to respond. Further details can be found in topic number 737-34125
- Performing an express install of the Catalyst Control Center may result in an error message being displayed when rebooting the system. Further details can be found in topic number 737-29532
- A black window may be displayed when attempting to play a DVD title using WinDVD 7 when Overlay Theater Mode and clone mode is enabled. Further details can be found in topic number 737-34133
- Enabling extended desktop mode and setting the color depth below 16bpp may result in the secondary display device failing to redraw properly. Further details can be found in topic number 737-35114
- A green or black screen may be displayed when configuring MCE to ATSC mode. Further information may be found in topic number 737-27622

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:

- **Age of Conan:** The inventory icons may show corruption when playing the game with CrossFire™ enabled. This issue may also be experienced under the Windows Vista operating system as well. Further details can be found in topic number 737-34825
- **Enemy Territory:** Quake Wars may have corruption on the water and sky after increasing the game resolution. Restarting the game at that higher resolution or issuing reloadImages command in the game console corrects the corruption. This issue only impacts graphics cards up to the ATI Radeon™ X850. Further details can be found in topic number 737-29947
- Using the WinDVD player (versions 14.x, 11.10x, or 9.xx) to play VC1 video content may result in corruption being noticed when hardware acceleration is enabled. This issue may also be experienced under the Windows Vista operating system. Further details can be found in topic number 737-35293
- Connecting a CRT display device as the secondary display and playing a Blu-ray DVD using a Cyberlink player may result in no video playback if extended desktop mode is enabled. Further details can be found in topic number 737-30587
- Connecting a Dual Link Panel to the on-board DVI port, followed by hot plugging a DVI display to the add-on DVI card may result in clone mode becoming disabled when rebooting the machine and the secondary display device remaining blank. Further details can be found in topic number 737-31166
- Setting the display resolution to 1440x900 or lower may result in corruption being noticed when playing a DVD title. Further details can be found in topic number 737-31168

- Connecting a CRT display device as the secondary display and playing a Blu-ray DVD using a Cyberlink player may result in no video playback if extended desktop mode is enabled. Further details can be found in topic number 737-30587
- Connecting a CRT display device as the secondary display and playing a Blu-ray DVD using a Cyberlink player may result in no video playback if extended desktop mode is enabled. Further details can be found in topic number 737-34121
- The display may become corrupted with 4 bit color depth after hot unplugging the rotated primary HDMI/DFP display. Further details can be found in topic number 737-35116
- Connecting a Dual Link Panel to the on-board DVI port, followed by hot plugging a DVI display to the add-on DVI card may result in clone mode becoming disabled when rebooting the machine and the secondary display device remaining blank. Further details can be found in topic number 737-35117
- Company of Heroes: Opposing Fronts: Enabling CrossFire™ may result in the displays flashing corruption when setting the in game graphics options to off or their lowest settings. Further details can be found in topic number 737-35118
- Installing the HDMI audio driver and the VIA audio chipset driver may result in a compatibility issue being noticed and a yellow exclamation mark showing up in the Sound, Video and Game Controllers. Further details can be found in topic number 737-35119
- Installing the display driver from an installation CD may result in a warning message indicating that the Catalyst Control Center is not supported by the driver version installed. Further details can be found in topic number 737-35120
- Catalyst Control Center: Configuring a system with multi-adapters may result in an error message being displayed when running the Test Custom Clocks 737-29953
- Enabling pull down detection in the Catalyst Control Center may result in flickering being noticed when playing a video clip using the Cyberlink PowerDVD player. Further details can be found in topic number 737-35121
- Connecting a CRT display device as the secondary display and playing a Blu-ray DVD using a Cyberlink player may result in no video playback if extended desktop mode is enabled. Further details can be found in topic number 737-35122

Known Issues Under the Windows XP Professional x64 Edition

The following section provides a summary of open issues that may be experienced under the Windows XP Professional x64 Edition operating system in the latest version of Catalyst™. These include:

- **Gears of War:** Enabling CrossFire™ and AA may result in white flickering corruption being noticed when playing the game under Windows XP Professional x64 Edition. Further details can be found in topic number 737-35123
- Running an OpenGL application and attempting to rotate the desktop may result in corruption being noticed. Further details can be found in topic number 737-29556

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

Installing the Catalyst™ Vista Software Driver

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

AMD Customer Care

The AMD Customer Care website provides a high level of technical support and ease of navigation. The AMD Customer Care website provides accurate and up-to-date product support for optimum usability and performance. Technical issues are categorized and personalized to enhance user experience. The AMD Customer Care Website can be found at: support.ati.com

To view a known issue or find troubleshooting information, do the following:

1. Go to ati.amd.com. The AMD home page is displayed.
2. Click on Support & Drivers. The AMD Support and Drivers web page is displayed.
3. In the left hand pane, select Graphics Support.
4. In the top right corner of the Graphics Support page, enter the topic number or a general description of the issue you are experiencing within the search field.
5. In the Select Site field, select ATI.
6. Click the SEARCH symbol.
The information requested (if available) is displayed.

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](#).