

AMD *ATI Catalyst™ Software Suite Version 10.5 Release Notes*

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

For exclusive ATI Catalyst™ updates follow *CatalystMaker* on Twitter.

This release note provides information on the following:

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Web Content

The Catalyst™ Software Suite 10.5 contains the following:

- ATI Radeon™ display driver 8.732
- HydraVision™ for both Windows XP, Vista and Windows 7
- Southbridge/IXP Driver
- ATI Catalyst™ Control Center Version 8.732



Caution: The ATI Catalyst™ software driver and the ATI 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 ATI Catalyst™ release.



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



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



Note: ATI Eyefinity technology gives gamers access to incredibly high display resolutions. As pixel count grows, the graphics horsepower required to drive the displays at a reasonable frame rate can increase dramatically. Depending on the game and system configuration, users may notice texture corruption and reduced frame rates when running games in multi-monitor Eyefinity modes.



Note: WDM drivers are no longer bundled in the ATI Catalyst™ software suite. The WDM drivers install bundle can be downloaded independently through the AMD website.



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



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.

AMD Product Support

The ATI Catalyst™ driver supports the following ATI Radeon™ products.

AMD Desktop Product Family Support

AMD Desktop Product Family Support	
ATI Radeon™ HD 5900 Series	ATI Radeon™ HD 4670 Series
ATI Radeon™ HD 5800 Series	ATI Radeon™ HD 4650 Series
ATI Radeon™ HD 5700 Series	ATI Radeon™ HD 4600 Series
ATI Radeon™ HD 5600 Series	ATI Radeon™ HD 4550 Series
ATI Radeon™ HD 5500 Series	ATI Radeon™ HD 4350 Series
ATI Radeon™ HD 5400 Series	ATI Radeon™ HD 3800 Series
ATI Radeon™ HD 4890 Series	ATI Radeon™ HD 3600 Series
ATI Radeon™ HD 4870 X2 Series	ATI Radeon™ HD 3400 Series
ATI Radeon™ HD 4850 X2 Series	ATI Radeon™ HD 2900 Series
ATI Radeon™ HD 4800 Series	ATI Radeon™ HD 2600 Series
ATI Radeon™ HD 4700 Series	ATI Radeon™ HD 2400 Series

AMD FireStream™ Product Family Support

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

AMD Chipset Product Support

AMD Chipset Product Support	
ATI Radeon™ HD 4290	ATI Radeon™ 3200 Series
ATI Radeon™ HD 4250	ATI Radeon™ 3100 Series
ATI Radeon™ HD 4200 Series	ATI Radeon™ 3000 Series
ATI Radeon™ HD 3300 Series	

AMD Mobility Product Support

Catalyst Mobility is a notebook reference graphics driver for with limited support for system vendor specific features. Support is available for Windows Vista and Windows 7 to be used at your own risk.

The Installation Verification Software will prevent driver download on certain notebook products. This is to protect against the installing of drivers that may disable features or functionality provided by the system manufacturer. If unacceptable behavior is experienced using Catalyst Mobility it is recommended to revert back to the driver provided by your system vendor for your specific platform. Please contact your system vendor for the most recent drivers for your notebook.

AMD Mobility™ Product Family Support	
ATI Mobility Radeon™ HD 5800 Series	ATI Mobility Radeon™ HD 3800 Series
ATI Mobility Radeon™ HD 5700 Series	ATI Mobility Radeon™ HD 3600 Series
ATI Mobility Radeon™ HD 5600 Series	ATI Mobility Radeon™ HD 3400 Series
ATI Mobility Radeon™ HD 5400 Series	ATI Mobility Radeon™ HD 3200 Series
ATI Mobility Radeon™ HD 5100 Series	ATI Mobility Radeon™ 3100 Series
ATI Mobility Radeon™ HD 4800 Series	ATI Mobility Radeon™ HD 2700 Series
ATI Mobility Radeon™ HD 4600 Series	ATI Mobility Radeon™ HD 2600 Series
ATI Mobility Radeon™ HD 4500 Series	ATI Mobility Radeon™ HD 2400 Series
ATI Mobility Radeon™ HD 4200 Series	ATI PowerXpress enabled notebooks using AMD chipsets
ATI Mobility Radeon™ 4100 Series	



The following notebooks are not supported in this release:

- Any notebook launched after this driver release
- Switchable Graphics enabled notebooks using Intel chipsets.
- Toshiba notebooks (please contact the notebook OEM for driver support for these notebooks)
- Sony VAIO notebooks (please contact the notebook OEM for driver support for these notebooks)
- Panasonic notebooks (please contact the notebook OEM for driver support for these notebooks)

Operating Systems Supported

The latest version of the ATI 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

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- Windows XP Media Center Edition
 - Windows XP Professional x64 Edition



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

New Features

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

- *Support for 120 Hz displays on the ATI Radeon™ HD 4000 Series and ATI Radeon™ HD 3000 Series*
- *ATI Overdrive enhancement – full support for multiple display configurations*

Support for 120 Hz displays on the ATI Radeon™ HD 4000 Series and ATI Radeon™ HD 3000 Series

- ATI Catalyst™ now supports 120 Hz Displays for the ATI Radeon™ HD 4000 and ATI Radeon™ HD 3000 Series

ATI Overdrive enhancement – full support for multiple display configurations

- ATI Overdrive has been enhanced – delivering full support for over-clocking functionality on supported ATI Radeon™ HD graphics accelerators connected to multiple display configurations

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:

- "Battlefield 2: Bad Company" maps no longer takes unusually long to load
- Enabling hardware shaders (perfect mode) no longer causes text and on-screen menu corruption while loading missions in "IL-2 Sturmovik: 1946" game
- Re-logging into a system after a Remote Desktop connection no longer results in "Catalyst Control Center is not supported..." warning message or the Graphics menu for Catalyst Control Center Advanced view to go missing
- HDTV resolutions are now properly reported by the tooltip when the mouse cursor hovers over the CV display icon under "Desktops & Displays" 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:

- Alt-Tabbing to desktop and back into "Mass Effect 2" game no longer causes the display to go black
- In-game Anti-Alias can now be applied when other in-game options like Volumetric Effects are enabled in "Empire: Total War" and "Napoleon: Total War" games
- Enabling Anti-Alias in "Empire: Total War" no longer causes a performance drop
- Running "Unigine Heaven Benchmark 2.0" in wireframe mode with tessellation enabled no longer causes the application to fail on ATI Radeon HD 5000 Series cards
- Changing in-game resolution in "Alien vs. Predator" no longer causes the screen to flicker under Multi-GPU configurations
- Catalyst Control Center now remembers the position of fourth monitor in Eyefinity group
- Black screen no longer observed with "Unigine Heaven Benchmark 2.0" application with OpenGL mode settings
- Enabling dynamic contrast in Catalyst Control Center video settings no longer causes vertical stripes to appear during XVID content playback

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] Avivo basic color controls in the "All Settings" page can now be applied and will not shift to default values
- HBR (high bit-rate) audio now functions properly
- "Tom Clancy's Splinter Cell Conviction" no longer fails during game play for ATI Radeon™ HD 2000 and 3000 series cards

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:

- "Resident Evil 5" now launches properly with a HDMI display connected to an AGP card
- PowerDVD no longer exhibits blue and pink tint when adjusting brightness and contrast in Catalyst Control Center when viewing Blu-ray content

Known Issues Under All Windows Operating Systems

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

- Disabling CrossFire™ for the first time may cause the "Contrast" value to change to zero in Catalyst Control Center - Display Properties Color page

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:

- Corruption may be observed during "Bioshock 2" gameplay in DirectX 9 and DirectX 10 mode with CrossFire™ enabled
- PowerDVD may exhibit blue/pink tint and might not display smooth transition when adjusting brightness and contrast in Catalyst Control Center when viewing Blu-ray content
- Grass and crop may be rendered randomly at unusual locations in "Battlefield 2: Bad Company" game scenes
- [Windows 7 64-bit] Under specific Multi-GPU configurations, "Desktop Window Manager has stopped working" error may appear after driver installation and will not be enabled until after restart
- [Catalyst Control Center] Customized Avivo video settings may revert to default values after resuming from sleep/hibernation during SD or Blu-ray playback
- Drag and Drop transcoded H264i content may experience audio and video synchronization issues and deinterlacing lines when viewed on some devices
- Under Multi-GPU configuration with Crossfire™ enabled, setting both "Shaders Quality" and "Post-Processing Quality" to "Enthusiast" may cause the frame rate to drop in "Crysis Warhead" DirectX 9 game
- Green texture corruption may be observed when resolution/video settings are changed in "Metro 2033" game in DirectX 10 and 11 mode on some cards
- Assigned hotkeys may fail to be retained for "Desktops & Displays" after Catalyst Control Center restart

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:

- Performing bezel compensation on 3x2 Eyefinity configuration may cause the bezel group (resolutions) to go missing

Installing the ATI 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](#).

ATI Catalyst™ Crew Driver Feedback

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