

# AMD *ATI Catalyst™ Software Suite Version 10.8 Release Notes*

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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:

- *Web Content*
- *AMD Product Support*
- *Operating Systems Supported*
- *New Features*
- *Catalyst™ Application Profiles*
- *Performance Improvements*
- *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 All Windows Operating Systems*
- *Known Issues Under the Windows 7 Operating System*
- *Known Issues Under the Windows Vista Operating System*
- *Installing the ATI Catalyst™ Vista Software Driver*
- *ATI Catalyst™ Crew Driver Feedback*

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## Web Content

The Catalyst™ Software Suite 10.8 contains the following:

- ATI Radeon™ display driver 8.762
- HydraVision™ for both Windows XP, Vista and Windows 7
- Southbridge/IXP Driver
- ATI Catalyst™ Control Center Version 8.762



**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.

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**Caution:** The ATI Catalyst™ Control Center requires that the Microsoft .NET Framework SP1 be installed for Windows XP and Vista. Without .NET SP1 installed, the ATI 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 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/>.

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**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.

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**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.

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**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).

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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.

## 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™ 9350	AMD FireStream™ 9250
AMD FireStream™ 9270	AMD FireStream™ 9170

### 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	

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## 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)

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## 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

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- Windows XP Home Edition
  - 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.

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## New Features

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

- *OpenGL ES 2.0 support*
- *Video Quality default options*
- *Performance enhancement for Eyefinity Quad ATI CrossFireX™ configurations*
- *Anti-Aliasing support for StarCraft II*

### OpenGL ES 2.0 support

- ATI Catalyst™ 10.8 delivers full support for OpenGL ES 2.0 specification
- Enables 3D accelerated graphics within a web browser that supports OpenGL ES 2.0
- Supported on Windows XP, Windows Vista, and Windows 7

### Video Quality default options

- The Default video options for ATI Catalyst™ have been greatly enhanced to deliver the best quality video viewing experience. Users can also choose to apply these settings to Internet Video via a new checkbox control within the ATI Catalyst™ Control Center
- In the “Advanced Color” section, the following defaults are now enabled:
  - Color vibrance (default = 40)
  - Flesh tone correction (default = 50)
  - Brighter Whites
- In the “Advanced Quality” section, the following defaults are now enabled:
  - Edge-enhancement (default = 25)
  - De-noise (default = 64)
  - Mosquito Noise Reduction (default = 50)
  - De-blocking (default = 50)



**Note:** Video Quality option settings can be accessed by launching the Catalyst™ Control Center and clicking on "Graphics", then "Video" and "All Settings".

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## Performance enhancement for Eyefinity Quad ATI CrossFireX™ configurations

- Performance has been greatly improved for users running with ATI Eyefinity on a Quad ATI CrossFireX™ configuration

## Anti-Aliasing support for StarCraft II

- ATI Catalyst™ Control Center enabled Anti-Aliasing is now available for StarCraft II

## Catalyst™ Application Profiles

The following application profiles are available with this release of Catalyst™ 10.8:

- **Singularity** – CrossFire™ profile update
- **Mafia 2** – CrossFire™ profile update
- **Final Fantasy XIV Benchmark** – new CrossFire™ profile
- **Lord of the Rings Online** – new CrossFire™ profile
- **Aliens Vs. Predator** – CrossFire™ profile update

## Performance Improvements

The following performance gains are noticed with this release of Catalyst™ 10.8:

- **Far Cry 2**
  - Performance increases 2-6% on ATI Radeon™ HD 5800 Series single and CrossFire™ configurations
  - Performance increases 2-4% on ATI Radeon™ HD 5700 Series single and CrossFire™ configurations
  - Performance increases 3-8% on ATI Radeon™ HD 4800 Series single and CrossFire™ configurations
- **Left 4 Dead 2**
  - Performance increases 3-5% on CrossFire™ ATI Radeon™ HD 5800 series and CrossFire™ ATI Radeon™ HD 5700 series configurations
- **Stormrise**
  - Performance increases 5-10% on ATI Radeon™ HD 5600 series and ATI Radeon™ HD 5500 series 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:

- HDMI default refresh rate now appears properly as 60 Hz under HDTV in Catalyst™ Control Center

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- Catalyst™ Control Center - Basic wizard pane or resolution combo box in "Display Setting for Desktop Viewing" page no longer turns blank in basic view for component video mode
  - "FSAA" is a selectable option in City of Heroes / City of Heroes Going Rogue™

## 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:

- Desktop line corruption no longer observed after powering off the DP display and then turning it on while viewing Blu-ray content
- "Borderlands" no longer fails after a duration of gameplay
- Opening numerous windows in Adobe Photoshop CS5 no longer causes application to fail
- Re-sizing Windows Media Player while viewing 720/1080 WMV video content no longer causes the screen to turn black
- "ARMA 2: Operation Arrowhead" game now works in CrossFire™ mode
- Shifting mouse cursor between displays no longer causes intermittent cursor corruption or system lock up

## 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 no longer fails and displays error message while transcoding specific video files on 64-bit operating systems
- AVI video no longer lags during playback within Microsoft PowerPoint slide deck
- 3D and video settings in Catalyst™ Control Center are now retained after resume from sleep/hibernate

## 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:

- Hardware acceleration is now enabled in PowerDVD
- Minor frame drops are no longer observed while viewing HD interlaced 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:

- Catalyst™ Control Center: Enable dialog reposition does not show on proper monitor when system is configured with 4 displays

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## 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:

- Drag and Drop transcoded H264i content may show deinterlacing lines
- Desktop may dim after exiting "Mafia II" game on some cards
- Flickering may be visible while running 3D games on HDMI displays with Quad CrossFire™ enabled
- PowerDVD may exhibit blue and pink tint and might not display smooth transition when adjusting brightness and contrast in Catalyst™ Control Center when viewing Blu-ray content
- 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
- Frame drops may be visible during WinDVD Blu-ray playback with display resolution set to 25x16

## 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:

- Corruption might be visible in "Doom 3" and "Quake 4" with ATI Radeon™ HD 4700 Series cards
- Performing bezel compensation on 3x2 Eyefinity configuration may cause the bezel group (resolutions) to go missing
- All but the primary display under Eyefinity configuration might become disabled while changing the preferred display at lowest Bezel compensated resolution
- Desktop may become corrupted during PowerDVD SD/Blu-ray content playback on 120Hz displays; pressing Alt+F4 will close PowerDVD and restore desktop
- Choppy HD playback might occur while changing color vibrance and fleshtone correction in Catalyst™ Control Center - Advanced Color

## 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](#).