



## ATI Avivo™ and ATI Avivo HD

### High Definition Video and Display Perfection

Enjoy flawlessly smooth video playback on your PC, enhanced with vibrant colors, sharp images, and universal TV and display connectivity delivered by AMD's acclaimed ATI Avivo™ technology. Now you can step up to AMD's latest High Definition technology built into our next-generation ATI Radeon™ HD graphics processors, ATI Avivo™ HD.



ATI Avivo™ HD is AMD's new reference for advanced HD image processing, delivering cool and quiet full-spec HD disc playback with hardware-based Unified Video Decoding (UVD) capability\*, built-in HDMI with multi-channel HD surround audio, and support for high-quality connectivity with multiple HDTVs and displays.

Watch stunning high definition entertainment from your PC, whether Blu-ray™/HD DVD discs or other HD sources. Be thrilled by immersive high definition big-screen PC gaming, and view ultra high quality photo images and Internet videos. Get universal connectivity support for HDTVs and high-res PC displays, with HDCP<sup>1</sup> support for reliably playing the latest HD entertainment on your Windows Vista™ media PC. Step up to ATI Avivo™ HD, and discover your ultimate PC entertainment experience.

Note: ATI Avivo™ and ATI Avivo HD are a technology platform that includes a broad set of capabilities offered by certain ATI Radeon™ GPUs. Not all products have all features and full enablement of some ATI Avivo™ capabilities may require complementary products

1. Playing HDCP content requires additional HDCP ready components, including but not limited to an HDCP ready monitor, Blu-ray or HD DVD disc drive, multimedia application and computer operating system.

**ATI Avivo™ Video & Display technology provides PC users with crisp images, smooth videos and true-to-life colors.**

New technologies introduced by ATI Avivo HD with the ATI Radeon™ HD 2000 series of GPUs, make it the ideal solution for home theater and entertainment. Enjoy smooth multi-format HD video playback with UVD technology and an easy one-cable connection to high-definition big-screen TVs.

➤ [Watch the ATI Avivo™ HD Video](#)



#### HD Video and Display Technologies

ATI Avivo offers advanced HD imaging and video through revolutionary technologies that are ideal for enthusiasts of media PCs, HDTV, HD discs and digital photography.

#### Smooth HD Video Playback with UVD\*

ATI Avivo HD technology is designed for high-end, high definition video playback in home theater systems. Free your CPU to power other applications with new UVD (Unified Video Decoder) hardware processing of HD video formats.

UVD is a dedicated video decode processing unit introduced with ATI Radeon HD 2000 series graphics processors that offloads both CPU and GPU rendering pipelines. UVD technology reduces power use, decreases system noise and increases notebook battery life during HD video playback.



#### Universal Connectivity with HDMI

ATI Avivo HD introduces a new era in PC to CE connectivity with built-in HDMI and 5.1 surround audio. This enables a truly easy, one-cable connection to a big-screen TV or home theater receiver with ATI Radeon HD 2000 series and newer graphics cards.



**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

ATI Avivo technology also includes the acclaimed AMD Xilleon™ and ATI Theater™ [Digital TV](#) technology found inside many of today's high-end consumer televisions to make your PC a universal multimedia hub. Dissolve connectivity barriers between PCs and consumer electronic devices with outputs for virtually any video device.



#### True-to-life image reproduction

Get high image fidelity with CRT and LCD displays, TVs, rear projection and plasma TVs, as well as projectors. ATI Avivo introduces new life to colors across the entire spectrum with an advanced 10-bit-per-color display engine.



#### Sharp Videos and Photos

ATI Avivo enhances your digital video and photos, creating sharp images, crisp text, and vivid color. Boost the video quality captured by your Media PC and PVR with advanced 3D comb filtering and automatic gain control.

#### Today and Tomorrow

ATI Avivo enhances video capture, processing and playback, ensuring end-to-end high-fidelity from the moment video signals enter your PC, all the way to the image displayed on your monitor. New ATI products incorporating ATI Avivo technology support HDTV and coming technologies like HD disc formats. ATI Avivo is setting the new standard for the best visual performance available on a PC today and for the future.

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\* UVD is not available on the ATI Radeon™ HD 2900 series.

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