

# AMD 780G Chipset with ATI Radeon™ HD 3200 Graphics



The AMD 780G Chipset is breaking barriers. This is the first AMD chipset to integrate a powerful Microsoft DirectX®10 graphics core powered by ATI Radeon™ Graphics. The first AMD chipset that enables everyday computer users to play the latest games with no extra graphics card. The first AMD chipset that delivers a full HD cinematic experience. The first AMD chipset that powers a green PC. There are no compromises. Just capabilities. At a price that's almost too good to be true.

## **Gaming Like Never Before**

The AMD 780 Chipset series redefines gaming for the mainstream PC. Get impressive DirectX®10 gaming performance right out of the box for playing the latest 3D games. The AMD 780 Chipset series is a gaming machine at an incredible value.

## **Full HD Experience Like Never Before**

The AMD 780 Chipset series allows you to immerse yourself in a full HD cinematic experience while enabling a quiet PC that's perfect for any living room. Enjoy more vibrant colors and lifelike picture quality with ATI Avivo™ HD<sup>1</sup>. Get full HD functionality on your PC at an irresistible value.

## **Manage Your Digital Life Like Never Before**

The AMD 780 Chipset series lets you connect to a wide range of the latest HD panels by supporting numerous display technologies. Take advantage of ATI SurroundView™ to support up to four monitors when you add a Radeon™ graphics card.

The 780 Chipset series also allows you to attach effortlessly to numerous storage and entertainment devices. Be amazed at the fast download times when storing, accessing and sharing your digital data.

## **A Green PC Like Never Before**

The AMD 780 Chipset series powers an exceptionally energy-efficient PC without compromising performance. Designed for optimal power management when combined with the latest AMD energy-efficient processors, the platform helps to save you money.

## **Ultimate system control like never before**

The award-winning AMD OverDrive™ gives you complete control of your system. Personalize your experience in real time with easy-to-use screens designed for novice to expert users.

## **Scalability Like Never Before**

Experience AMD's innovative ATI Hybrid graphics<sup>2</sup> technology for scalable gaming action on your Windows Vista® PC. Get additional performance from your AMD 780 Chipset when paired with a compatible ATI Radeon™ graphics card.

The AMD 780 chipset is flexible enough to be paired with the latest Phenom™ processors as well as previous generation CPUs.

## AMD 780G Chipset Specifications with ATI Radeon™ HD 3200 Graphics

<b>Proven Radeon™ graphics powering DirectX® 10</b>	Powered by ATI Radeon™ Graphics, DirectX® 10 introduces neverbefore-seen detail-rich images and dynamic interactivity for playing the latest DirectX® 10 games
<b>HyperTransport™ 3.0 technology</b>	More than doubles your CPU communications bandwidth to graphics as compared to HyperTransport™ 1
<b>PCI Express® Generation 2.0</b>	Double your graphics bandwidth over earlier PCI Express for improved performance
<b>Backwards compatibility</b>	Ensures flexibility to build platforms with previous generation CPUs as well as the latest AMD Phenom™ processors
<b>ATI Hybrid Graphics<sup>2</sup></b>	Improve your system performance by enabling the ability for both discrete graphics and integrated graphics to render simultaneously
<b>ATI Avivo™ HD<sup>1</sup></b>	ATI Avivo™ HD is the advanced image and video processing and display technology found in ATI Radeon™ graphics that enables: <ul style="list-style-type: none"> <li>• brilliant colors, sharp images and smooth playback of Blu-ray™ and HD DVD content</li> <li>• performance that rivals high end HD DVD and Blu-ray™ players on difficult 1080i content</li> <li>• built-in HDMI and DVI with HDCP</li> </ul>
<b>Low Power Design</b>	Designed for power-efficient computing to help lower energy costs
<b>AMD Cool'nQuiet™ 2.0</b>	Benefit from power saving features that help reduce power consumption at idle or during low usage
<b>Enhanced Digital Display integration</b>	Supports Display Port interface for the newest displays.
<b>ATI SurroundView™</b>	SurroundView™ feature allows support for up to four independent monitors for systems equipped with an additional Radeon™ discrete graphics card
<b>Next Generation SB700</b>	Support for up to 12 USB 2.0 connections and 6 SATA 2.0 devices, including eSATA devices
<b>AMD OverDrive</b>	Shift your system performance into next gear. Enables control of the AMD 7-Series Chipsets to easily configure system settings in Microsoft® Windows®
<b>AMD RAIDXpert™</b>	Easily configure your RAID setup from remote locations to personalize your media for extra performance or enhanced reliability

1. ATI Avivo HD is a technology platform that includes a broad set of capabilities offered by certain ATI Radeon™ HD graphics. Not all products have all features

2. ATI Hybrid Graphics may not work with all ATI Radeon HD discrete graphics cards.