



AMD 790GX Chipset Specifications

with ATI Radeon™ HD 3300 Graphics

Proven ATI Radeon™ Graphics Powering DirectX® 10	Powered by ATI Radeon™ Graphics, DirectX®10 introduces neverbefore-seen detail-rich images and dynamic interactivity for playing the latest DirectX® 10 games
HyperTransport™ 3.0 Technology	HyperTransport™ 3.0 more than doubles your CPU communications bandwidth to graphics as compared to HT1
PCI Express® Generation 2.0	Double your graphics bandwidth over earlier PCI Express for improved performance
Backwards Compatibility	Ensures flexibility to build platforms with previous generation CPUs as well as the latest AMD Phenom™ processors
Performance Cache	Performance and power improvements with AMD's unique side port technology
ATI Hybrid Graphics¹	Improve your system performance by enabling the ability for both discrete graphics and integrated graphics to render simultaneously
ATI CrossFireX™ Technology	Upgrade to even greater 3D performance quickly and easily with plug-and-play ATI CrossFireX™ technology when you use two discrete ATI Radeon™ Graphics cards
ATI Avivo™ HD²	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"> • brilliant colors, sharp images and smooth playback of Blu-ray™ and HD DVD content • performance that rivals high end HD DVD and Blu-ray™ players on difficult 1080i content • built-in HDMI and DVI with HDCP
Low Power Design	Designed for power-efficient computing to help lower energy costs
AMD Cool'nQuiet™ 2.0	Benefit from power saving features that help reduce power consumption at idle or during low usage
Enhanced Digital Display Integration	Supports Display Port interface for the latest displays. Includes a TDMS interfacen that enables dual-link DVI or HDMI 1.2 as well as HDCP 1.1
ATI SurroundView™	SurroundView™ feature allows support for up to four independent monitors for systems equipped with an additional Radeon™ discrete graphics card
ATI PowerPlay™	Flexible power saving technologies that ensure optimal power efficiency to help reduce your electricity costs
SB750 Southbridge	Support for up to 12 USB 2.0 connections and 6 SATA 2.0 devices, including eSATA devices. Also includes support for RAID 0, 1, 5 and 10
AMD OverDrive with	Shift your system performance into next gear with Advanced Clock Calibration

Advanced Clock Calibration*	that allows you to get the highest overclocking out of your AMD Phenom™ CPUs. AMD OverDrive™ also enables control of the AMD 790GX to easily configure system settings in Microsoft Windows® in real-time
AMD RAIDxpert™	Easily configure your RAID setup from remote locations to personalize your media for extra performance or enhanced reliability. Additional RAID 5 support with SB750