DIAMOND MULTIMEDIA	Product Setup Sheet	
	DATE : June 2, 2008 - 2:26 pm	
SKU	4850PE3512V	
SYSTEM BUILDER SKU		
PRODUCT	ATI Radeon™ HD 4850 512MB GDDR3	
PRODUCT SHORT DESCRIPTION	INTERFACE	PCI Express x16
	GPU	RV 770
	CORE CLOCK	625 MHz
	MEMORY CLOCK	993 MHz
	MEMORY CONFIGURATION	16Mx32
	MEMORY TYPE	GDDR3
	MEMORY BANDWIDTH	147GB/sec
	MEMORY SIZE	512MB
	MEMORY CONTROLLER INTERFACE	256-bit
	DUAL MONITOR	2 Dual-Link DVI,Video Out [S-Video, Composite, HDTV]
	DUAL LINK DVI	Hydravision 4
PRODUCT DETAILED DESCRIPTION	unprecedented performance. The powerful new TeraScale graphics will propel you deep into your gameplay with seamless frame rates and high resolutions. Enhanced anti-aliasing (AA) and anisotropic filtering create striking graphics with unparalleled realism so you can max out the settings of the most demanding next-generation games or revitalize your favorite titles. Play today while preparing for tomorrow with tessellation, support for DirectX® 10.1 and	
PRODUCT FEATURES	Superscale unified shader architecture PCI Express 2.0 support 800 Unified Stream Processors 256-bit memory interface Direct X 10.1 / Shader Model 4.1 / OpenGL 2.0 ATI Crossfire X Multi-GPU Support for highly scalable performance Up to four GPU support with an AMD 790FX based motherboard High-speed 128-bit-HDR (High Dynamic Range) rendering Up to 24x Custom Filter Anti-Aliasing 55nm process technology ATI Avivo HD Video and Display Technology Game Physics processing capability Built-in HDMI with Multi-channel 5.1 surround audio Support for the ATI Radeon DVI to HDMI adapter Unified Video Decoder (UVD) for Blu-ray ATI PowerPlay energy conserving technology RoHS compliant Built in HDCP Support Windows Vista™ 3D environment Support **Optimized for Windows Vista™ with comprehensive DirectX® 10.1, 10 and DirectX® 9 support** ATI Avivo™ HD Video and Display Technology Built-in HDMI with Multi-channel 5.1 surround audio Two Dual Link DVI with full resolution HDCP support HD video playback Full 30-bit display processing CATALYST Software Drivers Windows Vista™ 3D environment Support Support ATI Radeon™ DVI-I to HDMI adapter	
SYSTEM REQUIREMENT	EXTERNAL POWER REQUIREMENT	6 pin
	SYSTEM REQUIREMENT CPU	Min. Intel 2.0 Celeron, Pentium Intel Duo, AMD 3800+ or higher
	SYSTEM REQUIREMENT CPU SPEED	2.0 Ghz or faster
	SYSTEM REQUIREMENT MEMORY	1024MB
	SYSTEM REQUIREMENT POWER SUPPLY	450 Watt or greater power supply with 75 Watt 6-pin PCI Express® power connector recommended.

4850PE3512

	SYSTEM REQUIREMENT SPECIAL INSTRUCTIONS	
		ATI Radeon HD 4870 and ATI Radeon HD 4850 System Requirements PCI Express® based PC is required with one X16 lane graphics slot available on the motherboard 450 Watt or greater power supply with 75 Watt 6-pin PCI Express® power connector recommended (550 Watt and two 6-pin connectors for dual ATI CrossFireX™) Certified power supplies are recommended 1GB of system memory recommended Installation software requires an optical drive DVD playback requires DVD drive Blu-ray™ playback requires a Blu-ray / HD DVD drive For a complete ATI CrossFireX™ system, additional ATI Radeon™ HD 4800 series graphics card(s), an ATI CrossFireX Ready motherboard and one ATI CrossFireX Bridge Interconnect cable per board (included) are required.
	SYSTEM REQUIREMENT HARD DISK	400 MB
	SYSTEM REQUIREMENT BUS	PCI Express x16
	SYSTEM REQUIREMENT STANDARD SLOT SOLUTION	SINGLE
	SYSTEM REQUIREMENT CHASSIS	ATX
	SYSTEM REQUIREMENT MONITOR	Digital flat-panel (DFP) displays or DVI-I Compatilbe or digital CRT display or High-resolution VGA monitor
	SYSTEM REQUIREMENT INTERNET ACCESS	NO
	SYSTEM REQUIREMENT USB	NO
	SYSTEM REQUIREMENT CD DVD	YES
OPERATING SYSTEM	SYSTEM REQUIREMENT OS WIN2003	YES
	SYSTEM REQUIREMENT OS WINXP	YES
	SYSTEM REQUIREMENT OS WINXP64	YES
	SYSTEM REQUIREMENT OS WINVISTA32	YES
	SYSTEM REQUIREMENT OS WINVISTA64	YES
PRODUCT DIMENSIONS	4 7/8 X 6/8 X 8 1/4	
RETAIL BOX DIMENSIONS	11.75 X 9.5 X 3	
SYSTEM BUILDER BOX DIMENSIONS	11.75 X 7.25 X 2	
PRODUCT WEIGHT	2.75 Lbs	
PRODUCT WEIGHT WITH CONTENT	3.55 Lbs	
RETAIL PACKAGE UPC	757448006735	
SYSTEM BUILDER PACKAGE UPC		
LINE CARD		
SPECS SHEET		
PRODUCT IMAGE		
RETAIL PACKAGING IMAGE		
PACKAGE INCLUDE	PACKAGE INCLUDE ITEM	DIAMOND HD 4850 PCIE 512MB GDDR3 VIDEO CARD
	PACKAGE INCLUDE ITEM 1	Quick Start Guide
	PACKAGE INCLUDE ITEM 2	DVI-TO-VGA ADAPTER
	PACKAGE INCLUDE ITEM 3	S-VIDEO CABLE
	PACKAGE INCLUDE ITEM 4	CROSSFIRE Brigde Interconnect
	PACKAGE INCLUDE ITEM 5	Component HDTV ADAPTER
	PACKAGE INCLUDE ITEM 6	INSTALL CD
	PACKAGE INCLUDE ITEM 7	Diamond Warranty Card
	PACKAGE INCLUDE ITEM 8	DVI-TO-HDMI ADAPTER
WEB PAGE		

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