DIAMOND MULTIMEDIA - SPECIFICATION SHEET
SKU   4850PE3512
BRAND   HD 4800
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ENG APVD - LK 2008-06-11
MRKTG APVD - LL 2008-06-19

SKU	4850PE3512
PRODUCT	DIAMOND ATI Radeon™ HD 4850 512MB GDDR3

PRODUCT SHORT DESCRIPTION		
	INTERFACE	PCI Express x16
	GPU	HD 4850
	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
	PORTS	2 Dual-Link DVI,Video Out [S-Video, Composite, HDTV]
	DUAL LINK DVI	Hydravision 4

PRODUCT DETAILED DESCRIPTION
Redefine HD Gaming The ATI Radeon HD 4800 Series GPUs deliver a cinematic gaming experience with 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 scalable ATI CrossFireX™ technology.

PRODUCT FEATURES

- GPU: Radeon™ HD4850
- Bus Type: PCI-Express
- Core Clock: 625 MHz
- Memory Size: 512MB
- Memory Configuration: 16Mx32 GDDR3
- Memory Interface: 256-Bit
- Memory Speed: 993 MHz
- 800 Stream Processors
- Two Dual Link DVI + HDTV-Out (HDMI support VIA Adapter)

SYSTEM REQUIREMENT		
	EXTERNAL POWER REQUIREMENT	6 pin
	CPU	Min. Intel 2.0 Celeron, Pentium Intel Duo, AMD 3800+ or higher
	CPU SPEED	2.0 Ghz or faster
	MEMORY	1024MB
	HARD DISK	400 MB
	SYSTEM BUS	PCI Express x16
	SLOT	SINGLE
	CHASSIS	ATX
	MONITOR	Digital flat-panel (DFP) displays or DVI-I Compatilbe or digital CRT display or High-resolution VGA monitor
	INTERNET ACCESS	NO
	USB	NO
	CD DVD	NO
	POWER SUPPLY	450 Watt or greater power supply with 75 Watt 6-pin PCI Express® power connector recommended.

OPERATING SYSTEM	MCE WINXP WINXP64 WINVISTA32 WINVISTA64
FORM FACTOR	Standard Profile Full-Height
DIMENSIONS	[PRODUCT] : 11.75 X 9.5 X 3 [RETAIL BOX] : 11.75 X 9.5 X 3 [S BUILDER] : 11.75 X 7.25 X 2
WEIGHT	[PRODUCT WEIGHT] : 2.75 LBS [PRODUCT WITH CONTENT WEIGHT] : 3.55 LBS
UPC	RETAIL PACKAGE UPC : 757448006285

PACKAGE CONTENT

- DIAMOND VIPER HD 4850 PCIE 512MB GDDR3 VIDEO CARD
- QUICK START GUIDE
- INSTALL CD
- S-VIDEO CABLE
- CROSSFIRE BRIDGE INTERCONNECT
- COMPONENT HDTV ADAPTER
- DVI-TO-VGA ADAPTER
- DIAMOND WARRANTY CARD
- DVI-TO-HDMI ADAPTER

PRODUCT WEBPAGE	http://www.diamondmm.com/4850PE3512.php
PRODUCT NOTES	**California Health & Safety Notice :** The solder used in this product contains lead, a chemical known to the State of California to cause birth defects and other reproductive harm. Please wash hands after handling internal components and circuit boards and avoid inhalation of fumes if heating the solder.