



DIAMOND MULTIMEDIA - SPECIFICATION SHEET

SKU 4850PE31G

BRAND HD 4800

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ENG APVD - LK 2009-06-19
MRKTG APVD - MS 2009-05-28

SKU	4850PE31G	
PRODUCT	DIAMOND ATI Radeon™ HD 48501GB GDDR3 Video Card	
PRODUCT SHORT DESCRIPTION	INTERFACE	PCI Express x16
	GPU	HD 4850
	CORE CLOCK	625 Mhz
	MEMORY CLOCK	993 Mhz
	MEMORY CONFIGURATION	32 x 32
	MEMORY TYPE	GDDR3
	MEMORY BANDWIDTH	93.8 GB/sec
	MEMORY SIZE	1024MB
	MEMORY CONTROLLER INTERFACE	256-bit
	PORTS	Dual-Link DVI,HDMI,VGA
	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 game play 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: 1024MB
 - Memory Configuration: 32 x 32 GDDR3
 - Memory Interface: 256-Bit
 - Memory Speed: 993 MHz
 - 800 Stream Processors
 - Dual Link DVI + HDMI + VGA

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	DOUBLE
	CHASSIS	ATX
	MONITOR	Digital flat-panel (DFP) displays or DVI-I Compatible or digital CRT display or High-resolution VGA monitor
	INTERNET ACCESS	NO
	USB	NO
	CD DVD	YES
	POWER SUPPLY	450 Watt or greater power supply with 75 Watt 6-pin PCI Express® power connector recommended (550 Watt and two 6-pin connectors for ATI CrossFireX™ technology in dual mode) Certified power supplies are recommended for ATI CrossFireX™ technology support. Refer to http://ati.amd.com/certifiedPSU for a list of Certified products

OPERATING SYSTEM	WINXP WINXP64 WINVISTA32 WINVISTA64 MCE LINUX32 LINUX64
FORM FACTOR	Standard Profile Full-Height
DIMENSIONS	[PRODUCT] : 8.3 X 4.4 X 1.5 [RETAIL BOX] : 11.75 X 9.5 X 3 [S BUILDER] : 11.75 X 7.25 X 2
WEIGHT	[PRODUCT WEIGHT] : 1.0 LBS [PRODUCT WITH CONTENT WEIGHT] : 2.0 LBS
UPC	RETAIL PACKAGE UPC : 757448006544

- PACKAGE CONTENT**
- DIAMOND VIPER HD 4850 PCIE 1GB GDDR3 VIDEO CARD
 - QUICK START GUIDE
 - INSTALL CD
 - CROSSFIRE BRIDGE INTERCONNECT

PRODUCT WEBPAGE <http://www.diamondmm.com/4850PE31G.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.

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