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| <b>SKU</b>                       | 4850PE3512V  |   |
| <b>PRODUCT</b>                   | DIAMOND ATI Radeon™ HD 4850 512MB GDDR3 Video Card |   |
| <b>PRODUCT SHORT DESCRIPTION</b> | 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 Graphic Cards 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)

|                           |                            |   |
|---------------------------|----------------------------|---|
| <b>SYSTEM REQUIREMENT</b> | 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.               |

|                         |  |
|-------------------------|--|
| <b>OPERATING SYSTEM</b> | MCE WINXP WINXP64 WINVISTA32 WINVISTA64  |
| <b>FORM FACTOR</b>      | Standard Profile Full-Height   |
| <b>DIMENSIONS</b>       | [PRODUCT] : 11.75 X 9.5 X 3 inches [RETAIL BOX] : 11.75 X 9.5 X 3 inches [S BUILDER] : 11.75 X 7.25 X 2 inches |
| <b>WEIGHT</b>           | [PRODUCT WEIGHT] : 2.75 LBS [PRODUCT WITH CONTENT WEIGHT] : 3.55 LBS   |
| <b>UPC</b>              | RETAIL PACKAGE UPC : 757448006735  |

**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/4850PE3512V.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.