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| SKU | 4870PE5512OC | |
| PRODUCT | DIAMOND AMD ATI Radeon™ HD 4870 512MB GDDR5 XOC Black Edition Video Card | |
| PRODUCT SHORT DESCRIPTION | INTERFACE | PCI Express x16 |
| | GPU | HD 4870 |
| | CORE CLOCK | 795 MHZ |
| | MEMORY CLOCK | 1100 MHZ |
| | MEMORY CONFIGURATION | 16M x 32 |
| | MEMORY TYPE | GDDR5 |
| | MEMORY BANDWIDTH | 160 GB/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 ATI Radeon™ HD 4800 Series

The ATI Radeon HD 4800 Series GPUs bring the power of graphics “supercomputing?” to gamers, setting a new standard for visual computing. Redefine the way you play and take HD gaming to the extreme with best-in-class performance. The new TeraScale graphics engine delivers an immersive, cinematic gaming experience. Add this GPU to your PC and watch Blu-ray movies and play HD content with incredible visual fidelity.* Do it all with break-through efficiency that doesn’t compromise performance.

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.

Go Beyond HD Video

Add an ATI Radeon HD 4800 Series GPU to your PC and watch the latest Blu-ray and HD movies play with incredible fidelity –upscale to nearly twice the display resolution of HD content.* Take full advantage of Blu-ray functionality with dual-stream, picture in picture (PIP) capabilities. Sophisticated new features within ATI Avivo™ HD technology provide a truly responsive experience.

Support for the latest audio visual interconnects ensures you can take advantage of the latest display technology.

Break-throughEfficiency Like its predecessors, the ATI Radeon HD 4800 Series GPUs offer optimal performance and break-through efficiency with platform-independent intelligent power management. Regardless of platform, ATI PowerPlay™ delivers the power needed to blaze through even the most intense games while intuitively conserving energy at idle or when demand is low.

- PRODUCT FEATURES**
- GPU: Radeon™ HD4870
 - Bus Type: PCI-Express
 - Core Clock: 795 MHZ
 - Memory Size: 512MB
 - Memory Configuration: 16Mx32 GDDR5
 - Memory Interface: 256-Bit
 - Memory Speed: 1100 MHZ
 - Two Dual Link DVI + HDTV-Out (HDMI support VIA Adapter)

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| SYSTEM REQUIREMENT | EXTERNAL POWER REQUIREMENT | 2 x 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 | 400MB |
| | 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 2 x 6-pin PCI Express® power connector recommended. |

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| OPERATING SYSTEM | WINXP WINXP64 WINVISTA32 WINVISTA64 MCE WIN2003 | |
| 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 : 757448006292 | |

PACKAGE CONTENT

- DIAMOND VIPER HD 4870 OVER CLOCKED PCIE 512MB GDDR5 VIDEO CARD
- QUICK START GUIDE
- INSTALL CD
- S-VIDEO CABLE
- CROSSFIRE BRIDGE INTERCONNECT
- DIAMOND WARRANTY CARD
- 2 DVI-TO-VGA ADAPTERS
- COMPONENT HDTV ADAPTER
- DVI-TO-HDMI ADAPTER

PRODUCT WEBPAGE

<http://www.diamondmm.com/4870PE5512OC.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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