



SPECIFICATION SHEET
 SKU : 3850PE3256
 August 10, 2011 - 2:20 pm



ENG APVD - LK 2007-11-29
 MRKTG APVD - LL 2007-11-29

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| SKU | 3850PE3256 | |
| PRODUCT | DIAMOND AMD ATI Radeon™ HD 3850 PCIE 256MB GDDR3 Video Card | |
| PRODUCT SHORT DESCRIPTION | INTERFACE | PCI Express x16 |
| | GPU | HD 3850 |
| | CORE CLOCK | 668 MHZ |
| | MEMORY CLOCK | 828 MHZ |
| | MEMORY CONFIGURATION | 8Mx32 |
| | MEMORY TYPE | GDDR3 |
| | MEMORY BANDWIDTH | 102.6 GB/sec |
| | MEMORY SIZE | 256MB |
| | MEMORY CONTROLLER INTERFACE | 256-Bit |
| | PORTS | Dual DVI , HDTV-out |
| | DUAL LINK DVI | Hydravision 4 |

PRODUCT DETAILED DESCRIPTION **ATI Avivo™ HD Video & Media**
 The ATI Radeon HD 3800 Series of GPUs allow you to experience the power of HD with graphics processing designed for how you work and play. The Diamond Radeon™ HD 3850 delivers outstanding performance at a great price. Advance to the next generation of HD game performance and life-like realism thanks to DirectX® 10.1 capabilities and plug-and-play ATI CrossFire™ multi-GPU upgradeability. Watch the latest Blu-ray and HD-DVD videos in full 1080p HD and upscale beyond - without placing huge demands on your CPU. Enjoy break-through efficiency with more processing performance per watt and energy-saving features to help save you money.

- PRODUCT FEATURES**
- GPU: Radeon™ HD3850
 - Bus Type: PCI-Express
 - Core Clock: 668 MHZ
 - Memory Size: 256MB
 - Memory Configuration: 8Mx32 GDDR3
 - Memory Interface: 256-Bit
 - Memory Speed: 828 MHZ
 - Two Dual Link DVI + HDTV-Out (HDMI support VIA Adapter)

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|---------------------------|----------------------------|---|
| SYSTEM REQUIREMENT | EXTERNAL POWER REQUIREMENT | NONE |
| | CPU | Min. Intel 2.0 Celeron, Pentium Intel Duo, AMD 3800+ or higher |
| | CPU SPEED | 2.0 Ghz or faster |
| | MEMORY | 1024MB |
| | HARD DISK | 480MB available hard disk space |
| | SYSTEM BUS | PCI Express x16 |
| | SLOT | SINGLE |
| | CHASSIS | |
| | MONITOR | Digital flat-panel (DFP) displays or DVI-I Compatilbe or digital CRT display or High-resolution VGA monitor |
| | INTERNET ACCESS | |
| | USB | NO |
| | CD DVD | YES |
| | POWER SUPPLY | 450 Watt or greater power supply with 75 Watt 6-pin PCI Express® power connector recommended. |

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|-------------------------|---|
| OPERATING SYSTEM | LINUX32 LINUX64 |
| 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 : 757448005714 |

- PACKAGE CONTENT**
- DIAMOND VIPER HD 3850 PCIE 256MB GDDR3 VIDEO CARD
 - QUICK START GUIDE
 - INSTALL CD
 - S-VIDEO CABLE
 - CROSSFIRE BRIDGE INTERCONNECT
 - COMPONENT HDTV ADAPTER
 - 2 DVI-TO-VGA ADAPTERS

PRODUCT WEBPAGE <http://www.diamondmm.com/3850PE3256.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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