



DIAMOND MULTIMEDIA - SPECIFICATION SHEET

SKU 3870PE31G  
BRAND HD 3800  
May 4, 2009 - 4:13 pm

ENG APVD - LK 2008-05-08  
MRKTG APVD - LL 2008-04-01

<b>SKU</b>	3870PE31G	
<b>PRODUCT</b>	DIAMOND Viper ATI Radeon HD 3870 PCIE 1024MB GDDR3 Video Card 3870PE31G	
<b>PRODUCT SHORT DESCRIPTION</b>	INTERFACE	PCI Express x16
	GPU	HD 3870
	CORE CLOCK	825 Mhz
	MEMORY CLOCK	1800 Mhz
	MEMORY CONFIGURATION	32Mx32
	MEMORY TYPE	GDDR3
	MEMORY BANDWIDTH	120.6 GB/sec
	MEMORY SIZE	1024MB
	MEMORY CONTROLLER INTERFACE	256-bit
	PORTS	2 Dual-Link DVI, Video Out [S-Video, Composite, HDTV]
	DUAL LINK DVI	Hydravision 4

**PRODUCT DETAILED DESCRIPTION**

Experience the power of HD with the ATI Radeon HD 3870 Series of GPUs - graphics processing designed for ultimate HD gaming.

Ultimate HD Gaming  
Advance to ultimate HD gaming with incredible performance, life-like graphics and support for Microsoft® DirectX® 10.1. With ATI Radeon™ HD 3800 Series GPUs powering your gaming experience, you're ready to dominate the battlefield. And thanks to plug-and-play ATI CrossFireX™ upgradeability, you can scale your performance to even greater heights. Prepare to DOMINATE!

- PRODUCT FEATURES**
- GPU: ATI Radeon™ HD 3870
  - Bus Type: PCI-Express 2.0
  - Core Clock: 825 Mhz
  - Memory Size: 1024MB
  - Memory Configuration: 32Mx32
  - Memory Type: GDDR3
  - Memory Interface: -256 bit
  - Memory Speed: 1800 Mhz
  - x2 Dual Link DVI + HDTV out with VIVO

<b>SYSTEM REQUIREMENT</b>	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	DOUBLE
	CHASSIS	N/A
	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	6 Pin Mollex Adapter. 450 Watt or greater power supply with 75 Watt 6-pin PCI Express® power connector recommended.

**OPERATING SYSTEM** MCE WIN2000 WIN2003 WINXP WINXP64 WINVISTA32 WINVISTA64 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] : 2.5 LBS [PRODUCT WITH CONTENT WEIGHT] : 3.5 LBS

**UPC** RETAIL PACKAGE UPC : 757448006179

- PACKAGE CONTENT**
- DIAMOND VIPER ATI RADEON HD 3870 PCIE 1024MB GDDR3
  - QUICK START GUIDE
  - INSTALL CD
  - DVI-TO-VGA ADAPTER
  - S-VIDEO CABLE
  - COMPONENT HDTV ADAPTER
  - CROSSFIRE BRIDGE INTERCONNECT

**PRODUCT WEBPAGE** <http://www.diamondmm.com/3870PE31G.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.