



DIAMOND MULTIMEDIA - SPECIFICATION SHEET

SKU 4670PE31GDT

BRAND HD 4600

October 14, 2009 - 5:21 pm

ENG APVD - LK 2008-08-20  
MRKTG APVD - LL 2008-10-27

**SKU** 4670PE31GDT

**PRODUCT** DIAMOND ATI Radeon™ HD 4670 GDDR3 1GB 2 Dual Link DVI I S Video, HDTV Video Card

<b>PRODUCT SHORT DESCRIPTION</b>	<b>INTERFACE</b>	PCI Express x16
	<b>GPU</b>	HD4670
	<b>CORE CLOCK</b>	750 Mhz
	<b>MEMORY CLOCK</b>	900 Mhz
	<b>MEMORY CONFIGURATION</b>	64Mx16
	<b>MEMORY TYPE</b>	GDDR3
	<b>MEMORY BANDWIDTH</b>	28.8 GB/sec
	<b>MEMORY SIZE</b>	1024MB
	<b>MEMORY CONTROLLER INTERFACE</b>	128-Bit
	<b>PORTS</b>	2 Dual-Link DVI, Video Out [S-Video, Composite, HDTV]
	<b>DUAL LINK DVI</b>	Hydravision 4

**PRODUCT DETAILED DESCRIPTION** Loaded with the latest features, ATI Radeon™ HD 4600 Series Graphics Cards deliver a level of gaming performance previously only found in high-end graphics cards. Redefine the way you play HD games and enjoy unprecedented levels of graphics realism powered by 320 stream processing units, up to 1GB of memory and support for Microsoft DirectX®10.1 games. Upgrade your graphics card and watch Blu-ray movies and play HD content with incredible visual fidelity<sup>1</sup>. These graphics cards do it all with break-through energy efficiency, eliminating the need for an external power connection and making them easy to install.

- PRODUCT FEATURES**
- ASIC: RV 730
  - Core Clock: 750 Mhz
  - Memory Size: 1024 MB
  - Memory Configuration: GDDR3
  - Memory Interface: 128-bit (256-bit internal Ring Bus Memory Controller)
  - Memory Speed: 900 Mhz
  - Display Formats: 2-Dual Link DVI-I S-Video, HDTV

<b>SYSTEM REQUIREMENT</b>	<b>EXTERNAL POWER REQUIREMENT</b>	Yes
	<b>CPU</b>	Min. Intel 2.0 Celeron, Pentium Intel Duo, AMD 3800+ or higher
	<b>CPU SPEED</b>	2.0 Ghz or faster
	<b>MEMORY</b>	1024MB
	<b>HARD DISK</b>	480MB available hard disk space
	<b>SYSTEM BUS</b>	PCI Express x16
	<b>SLOT</b>	SINGLE
	<b>CHASSIS</b>	N/A
	<b>MONITOR</b>	Digital flat-panel (DFP) displays or DVI-I Compatible or digital CRT display or High-resolution VGA monitor
	<b>INTERNET ACCESS</b>	N/A
	<b>USB</b>	NO
	<b>CD DVD</b>	YES
	<b>POWER SUPPLY</b>	450 Watt or greater power supply with 75 Watt 2 x 6-pin PCI Express® power connector recommended.

**OPERATING SYSTEM** MCE WINXP WINXP64 WINVISTA32 WINVISTA64

**FORM FACTOR** Standard Profile Full-Height

**DIMENSIONS** [PRODUCT] : 11.75 X 9.5 X 3 inches [RETAIL BOX] : 11.75 X 9.5 X 3 inches [S BUILDER] : 11.75 X 9.5 X 2.5 inches

**WEIGHT** [PRODUCT WEIGHT] : 1.2 LBS [PRODUCT WITH CONTENT WEIGHT] : 2.5 LBS

**UPC** RETAIL PACKAGE UPC : 757448006773

- PACKAGE CONTENT**
- DIAMOND RADEON HD 4670 GDDR3 1GB 2-DUAL LINK DVI-I S-VIDEO, HDTV
  - QUICK START GUIDE
  - INSTALL CD
  - DIAMOND WARRANTY CARD
  - DVI-TO-HDMI ADAPTER
  - DVI-TO-VGA ADAPTER
  - COMPONENT HDTV ADAPTER
  - S-VIDEO-TO-RCA ADAPTER

**PRODUCT WEBPAGE** <http://www.diamondmm.com/4670PE31GDT.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.