



DIAMOND MULTIMEDIA - SPECIFICATION SHEET

SKU 4650PE1G

BRAND HD 4600

March 8, 2010 - 5:07 pm

ENG APVD - LK 2008-05-08

MRKTG APVD - LL 2008-08-21

SKU	4650PE1G	
PRODUCT	DIAMOND ATI Radeon™ HD 4650 PCIE 1024MB GDDR2 Video Card	
PRODUCT SHORT DESCRIPTION	INTERFACE	PCI Express x16
	GPU	HD 4650
	CORE CLOCK	600 MHZ
	MEMORY CLOCK	800 MHZ
	MEMORY CONFIGURATION	64Mx16
	MEMORY TYPE	GDDR2
	MEMORY BANDWIDTH	8 GB/sec
	MEMORY SIZE	1024MB
	MEMORY CONTROLLER INTERFACE	128-Bit
	PORTS	2 Dual-Link DVI, Video Out [S-Video, Composite, HDTV]
	DUAL LINK DVI	Hydravision 4

PRODUCT DETAILED DESCRIPTION
 Loaded with the latest features, ATI Radeon™ HD 4600 Series Video 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. 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**
- GPU: Radeon™ HD4650
 - Bus Type: PCI-Express
 - Core Clock: 600 Mhz
 - Memory Size: 1024 MB
 - Memory Configuration: 8Mx32 GDDR2
 - Memory Interface: 128-Bit
 - Memory Speed: 800 Mhz
 - Two Dual Link DVI + HDTV-Out (HDMI support via Adapter - not included)

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
	SLOT	SINGLE
	CHASSIS	
	MONITOR	Digital flat-panel (DFP) displays or DVI-I Compatible or digital CRT display or High-resolution VGA monitor
	INTERNET ACCESS	
	USB	NO
	CD DVD	YES
	POWER SUPPLY	400 Watt.

OPERATING SYSTEM WINXP WINXP64 WINVISTA32 WINVISTA64 MCE

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 7.25 X 2 inches

WEIGHT [PRODUCT WEIGHT]: 1.0 LBS [PRODUCT WITH CONTENT WEIGHT]: 2.0 LBS

UPC RETAIL PACKAGE UPC : 757448006698

- PACKAGE CONTENT**
- DIAMOND HD 4650 PCIE 1GB GDDR2 VIDEO CARD
 - QUICK START GUIDE
 - INSTALL CD
 - DIAMOND WARRANTY CARD
 - DVI-TO-VGA ADAPTER
 - S-VIDEO-TO-RCA ADAPTER
 - TV OUT CABLE

PRODUCT WEBPAGE <http://www.diamondmm.com/4650PE1G.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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