

**DIAMOND MULTIMEDIA - SPECIFICATION SHEET**

SKU 4650PE1GHP

BRAND HD 4600

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SKU	4650PE1GHP	
PRODUCT	DIAMOND AMD ATI Radeon™ HD 4650 PCIE 1GB GDDR2 Video Card	
PRODUCT SHORT DESCRIPTION	INTERFACE	PCI Express x16
	GPU	HD 4650
	CORE CLOCK	600 MHZ
	MEMORY CLOCK	1000 MHZ
	MEMORY CONFIGURATION	64Mx16
	MEMORY TYPE	GDDR2
	MEMORY BANDWIDTH	15.6 GB/s
	MEMORY SIZE	1024MB
	MEMORY CONTROLLER INTERFACE	128-Bit
	PORTS	Dual-Link DVI,HDMI,VGA
	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: 600Mhz
- Memory Size: 1GB
- Memory Configuration: 64 x16 GDDR2
- Memory Interface: 128-Bit
- Memory Speed: 1000 Mhz
- Dual Link DVI + VGA + HDMI

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 Compatilbe or digital CRT display or High-resolution VGA monitor
INTERNET ACCESS	
USB	NO
CD DVD	YES
POWER SUPPLY	400 Watt or greater power supply (550 Watt for ATI CrossFireX™ technology in dual mode) is recommended. Certified power supplies are recommended. Refer to http://ati.amd.com/certifiedPSU for a list of Certified products

OPERATING SYSTEM

WINDOWS-7-32 WINDOWS-7-64 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] : .45 LBS [PRODUCT WITH CONTENT WEIGHT] : 2.5Lbs

UPC

RETAIL PACKAGE UPC : 757448008395

PACKAGE CONTENT

- 4650PE1GHP
- INSTALL CD
- QUICK START GUIDE

PRODUCT WEBPAGE<http://www.diamondmm.com/4650PE1GHP.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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Diamond Multimedia
20740 Plummer St. Chatsworth, CA 91311
Tel: (818) 534-1414 Fax: (818) 773-9619
<http://www.diamondmm.com>