

**DIAMOND MULTIMEDIA - SPECIFICATION SHEET**

SKU 4550PE3512HS

BRAND HD 4500

May 4, 2009 - 4:12 pm

ENG APVD - LK 2009-03-11  
MRKTG APVD - LL 2008-11-07

<b>SKU</b>	4550PE3512HS	
<b>PRODUCT</b>	DIAMOND ATI Radeon™ HD 4550 PCIE 512MB GDDR3 Video Card	
<b>PRODUCT SHORT DESCRIPTION</b>	<b>INTERFACE</b>	PCI Express x16
	<b>GPU</b>	HD 4550
	<b>CORE CLOCK</b>	600 MHZ
	<b>MEMORY CLOCK</b>	800 (1600 MHz)
	<b>MEMORY CONFIGURATION</b>	64Mx16
	<b>MEMORY TYPE</b>	GDDR3
	<b>MEMORY BANDWIDTH</b>	4792 MB/s
	<b>MEMORY SIZE</b>	512MB
	<b>MEMORY CONTROLLER INTERFACE</b>	64-Bit
	<b>PORTS</b>	Dual-Link DVI,HDMI,VGA
	<b>DUAL LINK DVI</b>	Hydravision 4

**PRODUCT DETAILED DESCRIPTION**  
Loaded with the latest features, ATI Radeon™ HD 4500 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 80 stream processing units, up to 512MB 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**
- GPU: Radeon™ HD4550
  - Bus Type: PCI-Express
  - Core Clock: 600 Mhz
  - Memory Size: 512MB
  - Memory Configuration: 64Mx16 GDDR3
  - Memory Interface: 64-Bit
  - Memory Speed: 800(1600) Mhz
  - One Dual Link DVI + HDMI + VGA

<b>SYSTEM REQUIREMENT</b>	<b>EXTERNAL POWER REQUIREMENT</b>	NONE
	<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 Compatilbe or digital CRT display or High-resolution VGA monitor
	<b>INTERNET ACCESS</b>	NO
	<b>USB</b>	NO
	<b>CD DVD</b>	YES
	<b>POWER SUPPLY</b>	300 Watt or higher

**OPERATING SYSTEM** MCE WINXP WINXP64 WINVISTA32 WINVISTA64

**FORM FACTOR** Low Profile Half-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] : .20 LBS [PRODUCT WITH CONTENT WEIGHT] : 1.5 LBS

**UPC** RETAIL PACKAGE UPC : 757448008135

- PACKAGE CONTENT**
- DIAMOND VIPER 4550PE3512HS
  - QUICK START GUIDE
  - INSTALL CD
  - DIAMOND WARRANTY CARD

**PRODUCT WEBPAGE** <http://www.diamondmm.com/4550PE3512HS.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.