



DIAMOND MULTIMEDIA - SPECIFICATION SHEET

SKU 3650PE1G  
BRAND HD 3600  
October 14, 2009 - 5:22 pm

ENG APVD - LK 2008-05-08  
MRKTG APVD - LL 2008-03-12

<b>SKU</b>	3650PE1G	
<b>PRODUCT</b>	3650PE1GB DIAMOND Radeon HD 3650 GDDR2 1GB Dual Link DVI, Native HDMI, VGA	
<b>PRODUCT SHORT DESCRIPTION</b>	<b>INTERFACE</b>	PCI Express x16
	<b>GPU</b>	HD 3650
	<b>CORE CLOCK</b>	725Mhz
	<b>MEMORY CLOCK</b>	800 Mhz
	<b>MEMORY CONFIGURATION</b>	16Mx32
	<b>MEMORY TYPE</b>	GDDR2
	<b>MEMORY BANDWIDTH</b>	80.6 GB/sec
	<b>MEMORY SIZE</b>	1024MB
	<b>MEMORY CONTROLLER INTERFACE</b>	128-Bit
	<b>PORTS</b>	Dual-Link DVI,HDMI,VGA
	<b>DUAL LINK DVI</b>	Hydravision 4

**PRODUCT DETAILED DESCRIPTION**  
The ATI Radeon HD 3600 Series of GPUs enable you to experience the power of HD with graphics processing designed for entertainment and productivity. Experience the next generation of HD game performance and life-like realism thanks to DirectX® 10.1 capabilities and plug-and-play ATI CrossFireX™ multi-GPU upgradeability. Watch the latest Blu-ray and HD-DVD videos in full 1080p HD – and upscale beyond - without placing huge demands on your CPU. Enjoy break-through efficiency from cutting-edge technology and new energy-saving features that help save you money and enable cool, quiet PCs.

- PRODUCT FEATURES**
- ASIC: RV635
  - Core Clock: 725Mhz
  - Memory Size: 1024 MB
  - Memory Configuration: GDDR2
  - Memory Interface: 128-bit (256-bit internal Ring Bus Memory Controller)
  - Memory Speed: 1000 Mhz
  - Display Formats: Dual Link -DVI, HDMI and 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>	N/A
	<b>USB</b>	NO
	<b>CD DVD</b>	YES
	<b>POWER SUPPLY</b>	250 Watt or higher

**OPERATING SYSTEM**  
MCE WINNT\_4PS6 WINME 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 9.5 X 2.5

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

**UPC**  
RETAIL PACKAGE UPC : 757448006018

- PACKAGE CONTENT**
- 3650PE1GB DIAMOND RADEON HD 3650 GDDR2 1GB DUAL LINK DVI, NATIVE HDMI, VGA VIDEO CARD
  - QUICK START GUIDE
  - INSTALL CD
  - DVI-TO-VGA ADAPTER
  - DIAMOND WARRANTY CARD

**PRODUCT WEBPAGE**  
<http://www.diamondmm.com/3650PE1G.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.