

**DIAMOND MULTIMEDIA - SPECIFICATION SHEET**

SKU 3650PE1G
 BRAND HD 3600
 May 4, 2009 - 4:13 pm

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

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

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 x16
	SLOT	SINGLE
	CHASSIS	N/A
	MONITOR	Digital flat-panel (DFP) displays or DVI-I Compatible or digital CRT display or High-resolution VGA monitor
	INTERNET ACCESS	N/A
	USB	NO
	CD DVD	YES
	POWER SUPPLY	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.

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