DIAMOND MULTIMEDIA - SPECIFICATION SHEET
SKU   1650PE512T
BRAND   X1650
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ENG APVD - LK 2009-03-09
MRKTG APVD - MS 2009-03-09

SKU	1650PE512T
PRODUCT	DIAMOND ATI Radeon™

PRODUCT SHORT DESCRIPTION	INTERFACE	PCI Express
	GPU	1650
	CORE CLOCK	600MHz
	MEMORY CLOCK	800 MHz
	MEMORY CONFIGURATION	16Mx32
	MEMORY TYPE	GDDR2
	MEMORY BANDWIDTH	24.9 GB/sec
	MEMORY SIZE	512MB
	MEMORY CONTROLLER INTERFACE	128-Bit
	PORTS	Dual Link DVI , VGA , HDTV-out
	DUAL LINK DVI	Hydravision 3

PRODUCT DETAILED DESCRIPTION

The Radeon™ X1650 PRO delivers stunning 3D graphics, excellent performance, and all the extensive features of a high-end graphics card. Your system will be able to handle the latest games, high definition digital video, and Windows Vista™ with aplomb. The X1650 PRO is capable of displaying a billion colors more than competing graphics cards, boasts one of the highest video performance scores in the industry, and can bring today's top games to life through outstanding shader performance and simultaneous high dynamic range lighting and full screen anti-aliasing, available only with ATI products. Radeon X1650 PRO graphics technology. Exceptional graphics performance.

PRODUCT FEATURES

- Bus Type: PCI Express x16
- Memory Support: 512MB GDDR2 128 bit
- DVI (Dual Link) , VGA and HDTV Component
- Core Clock: 600 MHz
- Memory Clock: 800 MHz
- CrossFire Ready

SYSTEM REQUIREMENT	EXTERNAL POWER REQUIREMENT	N/A
	CPU	AMD Athlon® or Intel ® Pentium ® 4
	CPU SPEED	2.4 GHz or higher CPU
	MEMORY	256MB
	HARD DISK	480 MB
	SYSTEM BUS	PCI Express x16
	SLOT	SINGLE
	CHASSIS	ATX
	MONITOR	Digital flat-panel (DFP) displays or DVI-I Compatilbe or digital CRT display or High-resolution VGA monitor
	INTERNET ACCESS	NO
	USB	NO
	CD DVD	YES
	POWER SUPPLY	420 Watt ATX 2.0 or greater power supply.Consult your computer system manual to ensure the power supply is designed to accommodate a high-end graphics card with a peak dissipation above 75 watts.

OPERATING SYSTEM	MCE WINXP WINXP64 WINVISTA32 WINVISTA64
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] : 11.5" X 7.25" X 2" inches
WEIGHT	[PRODUCT WEIGHT] : 0.45LBS [PRODUCT WITH CONTENT WEIGHT] : 2.0 LBS
UPC	RETAIL PACKAGE UPC : 757448008319

PACKAGE CONTENT

- DIAMOND 1650 PCIE 512MB DDR2
- QUICK START GUIDE
- INSTALL CD
- COMPONENT HDTV ADAPTER

PRODUCT WEBPAGE	http://www.diamondmm.com/1650PE512T.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.