



DIAMOND MULTIMEDIA - SPECIFICATION SHEET

SKU x1650PCIE256I

BRAND X1650

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ENG APVD - LK 2008-12-04  
MRKTG APVD - LL 2008-12-02

<b>SKU</b>	x1650PCIE256I	
<b>PRODUCT</b>	DIAMOND ATI Radeon™ X1650 Pro PCIE 256MB DDR2 Video Card	
<b>PRODUCT SHORT DESCRIPTION</b>	<b>INTERFACE</b>	PCI Express x16
	<b>GPU</b>	X1650PRO
	<b>CORE CLOCK</b>	600MHz
	<b>MEMORY CLOCK</b>	400MHz
	<b>MEMORY CONFIGURATION</b>	16Mx16
	<b>MEMORY TYPE</b>	GDDR2
	<b>MEMORY BANDWIDTH</b>	22.4GB/sec
	<b>MEMORY SIZE</b>	256MB
	<b>MEMORY CONTROLLER INTERFACE</b>	128-Bit
	<b>PORTS</b>	Dual Link DVI , VGA , HDTV-out
	<b>DUAL LINK DVI</b>	Hydravision 3

**PRODUCT DETAILED DESCRIPTION**  
 The Radeon™ X1650 PRO Video Card delivers excellent performance and all the extensive features of a high-end graphics card. Your system will be able to handle high definition digital video and Windows Vista™ with aplomb. The X1650 PRO is capable of displaying a billion colors more than competing graphics cards. Radeon X1650 PRO Video Card graphics technology. Exceptional graphics performance.

- PRODUCT FEATURES**
- Bus Type: PCI Express x16
  - Memory Support: 256MB GDDR2 128 bit
  - Output: One DVI (Dual Link), HDTV, SVGA
  - Core Clock: 600 MHz
  - Memory Clock: 400 MHz

<b>SYSTEM REQUIREMENT</b>	<b>EXTERNAL POWER REQUIREMENT</b>	
	<b>CPU</b>	AMD Athlon® or Intel ® Pentium ® 4
	<b>CPU SPEED</b>	2.4 GHz or higher CPU
	<b>MEMORY</b>	256MB
	<b>HARD DISK</b>	480 MB
	<b>SYSTEM BUS</b>	PCI Express x16
	<b>SLOT</b>	SINGLE
	<b>CHASSIS</b>	ATX
	<b>MONITOR</b>	Digital flat-panel (DFP) displays or DVI-I Compatible or digital CRT display or High-resolution VGA monitor
	<b>INTERNET ACCESS</b>	YES
	<b>USB</b>	
	<b>CD DVD</b>	YES
	<b>POWER SUPPLY</b>	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** WINXP WINXP64 WINVISTA32 WINVISTA64 MCE

**FORM FACTOR**

**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 : 757448006995

- PACKAGE CONTENT**
- DIAMOND VIPER X1650 PRO PCIE 256MB DDR2
  - QUICK START GUIDE
  - INSTALL CD

**PRODUCT WEBPAGE** <http://www.diamonddmm.com/x1650PCIE256I.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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