

**DIAMOND MULTIMEDIA - SPECIFICATION SHEET**

SKU 2900XT512PE

BRAND HD 2900

May 4, 2009 - 4:15 pm

ENG APVD - LK 2007-09-05  
MRKTG APVD - LL 2008-06-06

<b>SKU</b>	2900XT512PE	
<b>PRODUCT</b>	ATI Radeon™ HD2900XT DIAMOND VIPER HD 2900XT PCIE 512 MB GDDR3 Dual DVI (Dual Link) HDMI & VIVO	
<b>PRODUCT SHORT DESCRIPTION</b>	<b>INTERFACE</b>	PCI Express x16
	<b>GPU</b>	HD 2900XT
	<b>CORE CLOCK</b>	740MHz
	<b>MEMORY CLOCK</b>	825 Mhz
	<b>MEMORY CONFIGURATION</b>	8Mx32
	<b>MEMORY TYPE</b>	GDDR3
	<b>MEMORY BANDWIDTH</b>	96.2 GB/sec
	<b>MEMORY SIZE</b>	512MB
	<b>MEMORY CONTROLLER INTERFACE</b>	512-Bit
	<b>PORTS</b>	2 Dual-Link DVI, Video Out [S-Video, Composite, HDTV]
	<b>DUAL LINK DVI</b>	Hydravision 4

**PRODUCT DETAILED DESCRIPTION**  
Diamond's Viper HD 2900XT is a magnificent beast. A 700 million-transistor processing powerhouse, a technology statement and dream come true for enthusiast gamers hungry for the fastest GPU ever made. Featuring a 2nd generation unified shader architecture, massive processing power and an unprecedented 512-bit GDDR3 memory interface, the HD 2900XT will deliver astonishing performance and the richest feature-set yet for a big ultra-high definition gaming experience with all of the bells and whistles turned up to the max. The HD 2900XT is quite simply a ticket to the future of PC gaming.

- PRODUCT FEATURES**
- Bus Type: PCI Express x16
  - Memory Size: 512 MB
  - Memory Configuration: 8Mx32 GDDR3
  - Memory Interface: 512-Bit
  - Memory Speed: 825 Mhz
  - x2 Dual Link DVI + HDTV-out with VIVO\* (HDMI support through dongle)

<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>	512MB
	<b>HARD DISK</b>	480mb or higher
	<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>	N/A
	<b>CD DVD</b>	YES
	<b>POWER SUPPLY</b>	A 750 Watt or better power supply with two 2x3-pin PCIe power connectors. For optimal performance, we recommend requires one 2x3-pin and one 2x4-pin PCIe power connector. For a list of certified power supplies, please see <a href="http://www.diamondmm.com/certified">www.diamondmm.com/certified</a>

**OPERATING SYSTEM** MCE WINXP WINXP64 WINVISTA32 WINVISTA64

**FORM FACTOR**

**DIMENSIONS** [PRODUCT] : 11.75 X 9.5 X 3 [RETAIL BOX] : 11.75 X 9.5 X 3 [S BUILDER] : 11.5 X 7.25 X 2

**WEIGHT** [PRODUCT WEIGHT] : 0.45LBS [PRODUCT WITH CONTENT WEIGHT] : 2.0 LBS

**UPC** RETAIL PACKAGE UPC : 757448005110

- PACKAGE CONTENT**
- DIAMOND VIPER HD 2900XT PCIE 512 MB GDDR3 DUAL DVI (DUAL LINK) HDMI & VIVO
  - 2 DVI-TO-VGA ADAPTERS
  - COMPONENT HDTV ADAPTER
  - 9-PIN VIVO ADAPTER
  - DVI-TO-HDMI ADAPTER
  - BONUS CD
  - CROSSFIRE BRIDGE INTERCONNECT

**PRODUCT WEBPAGE** <http://www.diamondmm.com/2900XT512PE.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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