



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

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

SYSTEM REQUIREMENT	EXTERNAL POWER REQUIREMENT	
	CPU	AMD Athlon® or Intel® Pentium® 4
	CPU SPEED	2.4 GHz or higher CPU
	MEMORY	512MB
	HARD DISK	480mb or higher
	SYSTEM BUS	PCI Express x16
	SLOT	SINGLE
	CHASSIS	ATX
	MONITOR	Digital flat-panel (DFP) displays or DVI-I Compatible or digital CRT display or High-resolution VGA monitor
	INTERNET ACCESS	YES
	USB	N/A
	CD DVD	YES
	POWER SUPPLY	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 www.diamondmm.com/certified

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.