

SKU	3650PE512H	
SYSTEM BUILDER SKU	3650PE512HSB	
PRODUCT	Diamond Viper - ATI Radeon™ HD 3650 PCIE 512MB GDDR2 Video Card	
PRODUCT SHORT DESCRIPTION	INTERFACE	PCI Express x16
	GPU	HD 3650
	CORE CLOCK	725 MHZ
	MEMORY CLOCK	800 MHz
	MEMORY CONFIGURATION	16Mx32
	MEMORY TYPE	GDDR2
	MEMORY BANDWIDTH	80.6 GB/sec
	MEMORY SIZE	512MB
	MEMORY CONTROLLER INTERFACE	128-Bit
	DUAL MONITOR	Dual-Link DVI,HDMI,VGA
	DUAL LINK DVI	Hydravision 4
PRODUCT DETAILED DESCRIPTION	<p>ATI Avivo™ HD Video &amp; Media</p> <p>The ATI Radeon HD 3000 Series of GPUs allow you to experience the power of HD with graphics processing designed for how you work and play. The Diamond Radeon™ HD 3650 delivers outstanding performance at a great price. Advance to 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 videos in full 1080p HD and upscale beyond - without placing huge demands on your CPU. Enjoy break-through efficiency with more processing performance per watt and energy-saving features to help save you money.</p>	
PRODUCT FEATURES	<p>Superscale unified shader architecture</p> <p>PCI Express x16 2.0 support</p> <p>120 Unified Stream Processors</p> <p>128-bit memory interface</p> <p>Direct X 10.1 / Shader Model 4.1</p> <p>ATI Crossfire X Multi-GPU Support for highly scalable performance</p> <p>Up to four GPU support with an AMD 790FX based motherboard</p> <p>High-speed 128-bit-HDR (High Dynamic Range) rendering</p> <p>Up to 24x Custom Filter Anti-Aliasing</p> <p>55nm process technology</p> <p>ATI Avivo HD Video and Display Technology</p> <p>Game Physics processing capability</p> <p>Built-in HDMI with Multi-channel 5.1 surround audio</p> <p>Unified Video Deoder (UVD) for Blu-ray</p> <p>ATI PowerPlay energy conserving technology</p> <p>RoHS compliant</p> <p>Build in HDCP Support</p> <p>OpenGL 2.0 Support</p>	
SYSTEM REQUIREMENT	EXTERNAL POWER REQUIREMENT	NONE
	SYSTEM REQUIREMENT CPU	Min. Intel 2.0 Celeron, Pentium Intel Duo, AMD 3800+ or higher
	SYSTEM REQUIREMENT CPU SPEED	2.0 Ghz or faster
	SYSTEM REQUIREMENT MEMORY	1024MB
	SYSTEM REQUIREMENT POWER SUPPLY	250 Watt or greater power supply .
	SYSTEM REQUIREMENT SPECIAL INSTRUCTIONS	<p>ATI Radeon HD 3870 and ATI Radeon HD 3850 System Requirements PCI Express® based PC is required with one X16 lane graphics slot available on the motherboard</p> <p>450 Watt or greater power supply for dual ATI CrossFireX™ Certified power supplies are recommended</p> <p>1GB of system memory recommended</p> <p>Installation software requires an optical drive DVD playback requires DVD drive Blu-ray™ / HD DVD playback requires a Blu-ray drive For a complete ATI CrossFireX™ system, additional ATI Radeon™ HD 3800 series graphics card(s)and a ATI CrossFireX Ready motherboard are required.</p>
	SYSTEM REQUIREMENT HARD DISK	480MB available hard disk space
	SYSTEM REQUIREMENT BUS	PCI Express
	SYSTEM REQUIREMENT STANDARD SLOT SOLUTION	SINGLE
	SYSTEM REQUIREMENT CHASSIS	N/A
	SYSTEM REQUIREMENT MONITOR	Digital flat-panel (DFP) displays or DVI-I Compatilbe or digital CRT display or High-resolution VGA monitor

	SYSTEM REQUIREMENT INTERNET ACCESS	N/A
	SYSTEM REQUIREMENT USB	NO
	SYSTEM REQUIREMENT CD DVD	YES
OPERATING SYSTEM	SYSTEM REQUIREMENT OS WINXP	YES
	SYSTEM REQUIREMENT OS LINUX32	YES
	SYSTEM REQUIREMENT OS LINUX64	YES
PRODUCT DIMENSIONS	4 7/8 X 6/8 X 8 1/4	
RETAIL BOX DIMENSIONS	11.75 X 9.5 X 3	
SYSTEM BUILDER BOX DIMENSIONS	11.75 X 7.25 X 2	
PRODUCT WEIGHT	2.75 Lbs	
PRODUCT WEIGHT WITH CONTENT	3.55 Lbs	
RETAIL PACKAGE UPC	757448006452	
SYSTEM BUILDER PACKAGE UPC		
LINE CARD		
SPECS SHEET	viper_3650pe2512_3650_pcie_512mb_spec_sheet.pdf	
PRODUCT IMAGE	viper_3650_product_image.gif	
RETAIL PACKAGING IMAGE	Viper_3650_retail_box.gif	
PACKAGE INCLUDE	PACKAGE INCLUDE ITEM	DIAMOND VIPER HD 3650 PCIE 512MB GDDR2 VIDEO CARD
	PACKAGE INCLUDE ITEM 1	Quick Start Guide
	PACKAGE INCLUDE ITEM 2	DVI-TO-VGA ADAPTER
	PACKAGE INCLUDE ITEM 3	INSTALL CD
	PACKAGE INCLUDE ITEM 4	Diamond Warranty Card
WEB PAGE		