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| 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 & 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 |

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| | 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 |
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