

**DIAMOND**

**VIPER**<sup>®</sup>

**X1300**



**Viper X1300**

**Cinematic 2D/3D Graphics Card**

**Featuring: RADEON™ X1300**

**Memory: 256MB**

**Slot Type: AGP or PCI Express / PCIE HyperMemory™\***

**With: SVGA & DVI/TV-Out**

\*The total of local and shared system memory used by the GPU for the processing and creation of 3D and other images. Local on-board memory is 128 MB VRAM

**Overview**

**LATEST TECHNOLOGIES**

Takes advantage of the revolutionary new Avivo video and display technology platform to enable High-Definition visual experience and enhance digital video, gaming and photos.

**AVIVO**

- Video and Display Perfection
- True-to-Life Image Reproduction
- Sharp video and photos, smooth video playback
- Universal connectivity for TVs and display



**CROSSFIRE**

- Combined Multi-GPU power for a new dimension of graphics capability
- High-performance processor sharing
- High compatibility with games, graphics cards, motherboards, and third party component

\* Crossfire not available with AGP version  
\* Crossfire not available with HyperMemory™  
\* Crossfire only available on motherboards that support dual PCI Express x16 slots

**SPECIFICATIONS:**

GPU: Radeon X1300  
 Bus Type: PCI-Express x16 or AGP\*  
 Memory: 256 / 512MB  
 Core Clock: 450 MHz  
 RAMDACS: Dual 400 MHz  
 API Support: DirectX® 9.0, OpenGL 2.0  
 Output: DVI, VGA, TV-Out / HDTV  
 Hardware Transform and Lighting (T&L)

- \* Please check box front for version
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- \* Crossfire operation requires one additional X1300 card installed in same system to be implemented

**2D Display Modes**

Resolutions, colors and maximum refresh rates (Hz) in 256, 65K or 16.7M colors

Monitor Resolution:	Hz
640x480	200
800x600	200
1024x768	200
1152x864	200
1280x1024	160
1600x1200	120
1920x1080** 16:9	120
1920x1200	100
1920x1440	90
2048x1536	85

**Maximum 3D Resolutions**

65K colors	2048x1536
16.7M colors	2048x1536
1.07B colors	2560x1600

\*16:9 aspect ratio monitors are supported on 1920x1080 and 848x480 on Windows® XP, Windows® 2000, MCE.  
 The complete list of resolutions depends on the driver version and operating system.  
 NOTE: resolutions are limited by performance of the attached monitor.

**SYSTEM REQUIREMENTS:**

- Intel® Pentium® 4 or AMD®Athlon® 64 FX CPU's
- CPU running at 2.4 GHz or higher
- 420 Watt power supply or higher
- Super VGA or DVI-I compatible monitor
- Microsoft Windows® XP, MCE, 2000
- PCI Express X16 compliant slot or AGP Slot (please check box front for version)
- CD-ROM or DVD-ROM drive
- 64MB system RAM / 256MB for HyperMemory™ Version
- 200MB available hard disk space

**WARRANTY & TECH SUPPORT**

1-year manufacturer's warranty  
 Free phone/e-mail support for life of product  
 Free driver updates for life of product

