



**X1950PRO256PCIE**  
**X1950PRO512PCIE**  
**X1950PRO256AGP**  
**X1950PRO512AGP**



## Viper X1950PRO

The World Fastest Graphics Card

Featuring: **RADEON™ X1950PRO**

Memory: 256/512MB

Slot Type: PCIE/AGP

With: Dual DVI (Dual Link) /  
HDTV / D-Sub /ViVo



## Overview

### THE GAME IS ON!

With the Radeon® X1950 series, your graphics performance will never be compromised. Imagine games with hyper realistic light blooms, lifelike skin textures, and silky smooth hair. Now imagine the non-stop action packed gaming on a CrossFire™ platform – the only choice for hardcore gamers. That's what it's like with the Radeon X1950, ATI's fastest and most flexible 3D processor. All gaming, all the time. Radeon® graphics. Never compromise.



### AVIVO™

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



### FEATURING

- 38 pixel shader processors
- 8 vertex shader processors
- 256-bit 8-channel GDDR4 memory interface
- Native PCI Express® x16 bus interface
- Plug-and-play (native) CrossFire™
- Lightning fast memory clock speeds
- High Dynamic Range (HDR) rendering
- Support for Microsoft® DirectX® 9.0 & Shader Model 3.0
- AVIVO and 3D excellence
- CATALYST Software Drivers
- Windows Vista™ 3D environment Support
- HDTV Support
- HDMI compatible through dongle

### SPECIFICATIONS

- GPU: ATI Radeon® X1950PRO
- Bus Type: PCI-Express x16 / AGP
- Memory Support: 256/512MB GDDR3
- Memory Interface: 256 bit
- Core Clock Speed: 575 MHz
- Memory Speed: 1.38 GHz
- Shader Units: 36
- API Support: DirectX® 9.0 & Shader Model 3.0, OpenGL 2.0

### System Requirements

- Intel® Pentium® 4 or AMD® Athlon® 64 FX CPU's
- CPU running at 2.4 GHz or higher
- 450-Watt power supply or greater, 30 Amps on 12 volt rail recommended (assumes fully loaded system)  
\*650 Watt ATX 2.0 or higher required for use with crossfire not included
- PCI Express compliant power supply required. Connect directly to the power supply with a 6 pin PCI Express power connector
- Super VGA or DVI-I compatible monitor
- Microsoft Windows® XP, XP 64, 2000, MCE
- PCI Express X16 compliant slot
- CD-ROM or DVD-ROM drive
- 512MB system RAM minimum
- 480MB available hard disk space

### Package Includes:

- Quick Install Guide
- Software: ATI CATALYST, Diamond Tools, DVD Playback
- Component-out cable adapter
- 9-pin S-Video/composite VIVO
- 6-inch S-Video cable
- 6-inch composite cable

Windows Vista™ Ready\* ATI Certified†

\* On PCs configured to Microsoft Windows Vista™ minimum system requirements, this product supports the basic user experience. Details at [windowsvista.com/getready](http://windowsvista.com/getready)

† This product is continually tested to requirements with Windows Vista™, pre-release & final versions as available. When production versions of Windows Vista are released you may be required to upgrade your device driver. See [ati.com/windowsvista](http://ati.com/windowsvista) for details.

Diamond, Diamond Multimedia and Stealth are registered trademarks of Diamond Multimedia. ATI, Graphics by ATI, and Radeon are trademarks of ATI Technologies, Inc. All other trademarks are property of their respective owners. © 2006 Diamond Multimedia. All rights reserved.



9650 DeSoto Ave  
Chatsworth, CA 91311  
Tel: (818) 534-1414  
Fax: (818) 773-9619  
[www.diamondmm.com](http://www.diamondmm.com)