

**DIAMOND****VIPER**

**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.

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