

## Viper X1650PRO



### Features:

GPU: Radeon X1650PRO  
Bus Type: PCI-Express x16 or AGP\*  
Memory: 256MB GDDR2 / 512MB GDDR2  
Core Clock: 600MHz  
Memory Speed: 800MHz  
Output: x 2 Dual Link DVI, TV-Out / HDTV  
Dual Display Support  
API Support: DirectX® 9.0, OpenGL 2.0  
Shader Model 3.0  
AVIVO  
HDTV Support  
Hardware Transform and Lighting (T&L)  
CATALYST Software Drivers  
SMARTSHADER Technology  
VIDEOSHADER Technology  
SMOOTHVISION Technology  
HYPER Z III+ Technology

### System Requirements:

- Intel® Pentium® 4 or AMD®Athlon® 64 FX CPU's
- CPU running at 2.4 GHz or higher
- 550 Watt power supply or greater, 38 Amps on 12 volt rail recommended PCI-E compliant power supply with 6 pin PCI-E power connector required, (ATX 2.0 or higher).  
\*650 Watt ATX 2.0 or higher required for use with crossfire not included)
- Super VGA or DVI-I compatible monitor
- Microsoft Windows® XP SP2, XP 64, 2000 SP4, MCE, 2003 32/64, Vista, Windows® Aero
- PCI Express X16 or AGP 2.0,3.0/4X,8X
- CD-ROM or DVD-ROM drive
- 128MB system RAM minimum
- 480MB available hard disk space

### Model#

X1650PCIE256  
X1650PCIE512  
X1650AGP256  
X1650AGP512



## Viper X1600PRO



### Features:

GPU: Radeon X1600PRO  
Bus Type: PCI-Express x16 or AGP\*  
Memory: 256MB GDDR2 / 512MB GDDR2  
Core Clock: 500MHz  
Memory Speed: 390MHz  
Output: DVI-VGA-TV out / HDTV  
Dual Display Support  
API Support: DirectX® 9.0, OpenGL 2.0  
AVIVO  
HDTV Support  
Hardware Transform and Lighting (T&L)  
CATALYST Software Drivers  
SMARTSHADER Technology  
VIDEOSHADER Technology  
SMOOTHVISION Technology  
HYPER Z III+ Technology

### System Requirements:

- Intel® Pentium® 4 or AMD Athlon®, Athlon(r) 64, Athlon® XP
- CPU running at 2.4 GHz or higher
- 450 Watt power supply or greater, PCI-E compliant power supply with 6 pin PCI-E power connector required, (ATX 2.0 or higher).
- Super VGA or DVI-I compatible monitor
- Microsoft Windows® XP SP2, XP 64, 2000 SP4, Windows Vista MCE, 2003 32/64, Vista, Windows® Aero
- PCI Express X16 or AGP 2.0,3.0/4X,8X
- CD-ROM or DVD-ROM drive
- 128MB system RAM minimum
- 480MB available hard disk space

### Model#

X1600PCIE256  
X1600PCIE512  
X1600AGP256  
X1600AGP512



## Viper X1300



### Features:

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)

### 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

### Model#

X1300PCIE256  
X1300PCIE512  
X1300AGP256  
X1300AGP512

