

- New Products
- Flash Memory Cards
- USB Flash Drives
- Solid State Drives
- Memory Upgrades
- GeForce Graphics Cards
 - Graphics Plus
 - Overview
 - GeForce GTX 200 Series
 - GeForce GTS 200 Series
 - GeForce 3 Series
 - GeForce 8 Series
 - GeForce 6 Series
 - GeForce FX Series
 - SLI Ready
 - XLR8 Graphics
 - XLR8 Gaming
 - Legacy Products
 - Close-Out Deals
- Quadro Professional Graphics
- Quadro Plex
- Replacement Products
- Close-out Deals
- Where To Buy

GEFORCE GRAPHICS CARDS



9600 GT 512MB PCIe
Part No.VCG96512GXPB
\$ 89.99

SOLUTIONS:
Verto Graphics Cards are the perfect upgrade for your casual gaming or Vista, experience, providing DirectX® 10 game support and HDCP capability.

- [Product Specifications](#)

- [Features & Benefits](#)

- [Warranty and Service](#)

Quantity: *Unavailable*



PNY Recommends...

4GB Kit (2x2GB) PC2-6400 800 MHz DDR2 Desktop DIMMs

Big on performance and easy on the wallet, the PNY Verto GeForce 9600GT 512MB video card offers unheard of graphics processing power at a wallet friendly price point. Enjoy awesome frame rates in the latest DirectX 10 games.

Product Specifications

BUS Technology: PCI Express 2.0
Memory Amount: 512MB GDDR3
Memory Interface: 256-bit
Memory Frequency (effective): 1800 MHz
Memory Bandwidth (GB/sec): 57.6
Core Clock (MHz): 650 MHz
Shader Clock (MHz): 1625 MHz
Fill Rate (billion pixels/sec.): 20.8
Stream Processors: 64

Key Features

- ? NVIDIA unified architecture
- ? Full Microsoft® DirectX® 10 Shader Model 4.0 support
- ? NVIDIA SLI® -Ready¹
- ? 16x full-screen anti-aliasing
- ? True 128-bit floating point high dynamierange (HDR) lighting
- ? NVIDIA Quantum Effects® physics processing technology
- ? PCI Express ® 2.0 support
- ? Two dual-link DVI outputs support two 2560x1600 resolution displays
- ? NVIDIA PureVideo® HD technology²
- ? HDCP Capabl³
- ? PCI Express® support
- ? OpenGL® 2.1 support

- 1 - NVIDIA SLI certified versions of GeForce PCI Express GPUs only.
2 - Supported video software is required to experience certain features.Go to www.nvidia.comfor more details.
3 - Requires other HDCP-compatible components.

Minimum System Requirements

- ? Intel or AMD compatible motherboard
- ? At least 512MB system RAM
- ? PCI Express or PCI Express 2.0 compliant motherboard with one x16 graphics slot
- ? One 6-pin supplementary power connector
- ? A minimum 400W or greater system power supply (with 12V current rating of 26A)
- ? 50 MB of available hard drive space
- ? CD-ROM or DVDROM drive
- ? Microsoft Windows 2000, XP, or Vista
- ? VGA or DVI-I compatible monitor

Included in the box

- ? NVIDIA GeForce 9600GT 512MB PCIe Graphics Card
- ? Quick Installation Guide
- ? Installation CD, which includes:
 - Detailed installation guide
 - NVIDIA ForceWare Drivers
 - Microsoft DirectX 9.0c
 - NVIDIA GeForce Demos
 - PNY and NVIDIA Desktop Wallpapers
- ? 2 DVI-to-VGA adapters
- ? HDTV BreakOut Pod/Cable
- ? Yâ€ Adapter Power Cable

Features & Benefits

NVIDIA® Unified Architecture

Fully unified shader core dynamically allocates processing power to geometry, vertex, physics, or pixel shading operations, delivering up to 2x the gaming performance of prior generation GPUs.

Full Microsoft® DirectX® 10 Support

DirectX 10 GPU with full Shader Model 4.0 support delivers unparalleled levels of graphics realism and film quality effects.

NVIDIA® SLI®, Technology¹

Delivers up to 2x the performance of a single GPU configuration for unequalled gaming experiences by allowing two graphics cards to run in parallel. The must-have feature for performance PCI Express® graphics, SLI dramatically scales performance on today™s hottest games.

PCI Express 2.0 Support

Designed to run perfectly with the new PCI Express 2.0 bus architecture, offering a future-proofing bridge to tomorrow™s most bandwidth -hungry games and 3D applications by maximizing the 5 GT/s PCI Express 2.0 bandwidth (twice that of first generation PCI Express). PCI Express 2.0 products are fully backwards compatible with existing PCI Express motherboards for the broadest support.

GigaThread®, Technology

Massively multi-threaded architecture supports thousands of independent, simultaneous threads, providing extreme processing efficiency in advanced, next generation shader programs.

NVIDIA® Lumenex®, Engine

Delivers stunning image quality and floating point accuracy at ultrafast frame rates.

16x Anti-aliasing Technology

Lightning fast, high-quality anti-aliasing at up to 16x sample rates obliterates jagged edges.

128-bit floating point High Dynamic -Range (HDR) Lighting

Twice the precision of prior generations for incredibly realistic lighting effectsâ€ now with support for antialiasing.

NVIDIA® Quantum Effects®, Technology

Advanced shader processors architected for physics computation enable a new level of physics effects to be simulated and rendered on the GPU®all while freeing the CPU to run the game engine and artificial intelligence (AI).

NVIDIA® ForceWare® Unified Driver Architecture (UDA)

Delivers a proven record of compatibility, reliability, and stability with the widest range of games and applications. ForceWare provides the best out-of-box experience for every user and delivers continuous performance and feature updates over the life of NVIDIA GeForce® GPUs.

Hardware Decode Acceleration

Provides ultra-smooth playback of H.264, VC1, WMV and MPEG2 HD and SD movies.

HDCP Capable³

Designed to meet the output protection management (HDCP) and security specifications of the Blu-ray Disc and HD DVD formats, allowing the playback of encrypted movie content on PCs when connected to HDCP-compliant displays.

Dynamic Contrast Enhancement

Provides spectacular picture clarity with frame by frame optimization.

High-Quality Scaling

Enlarges lower resolution movies and videos to HDTV resolutions, while maintaining a clear, clean image. Also provides downscaling of videos, including high-definition, while preserving image detail.

Inverse Telecine (3:2 & 2:2 Pulldown Correction)

Recovers original film images from filmsconvertedto- video (DVDs, 1080i HD content), providing more accurate movie playback and superior picture quality.

Bad Edit Correction

When videos are edited, the edits can disrupt the normal 3:2 or 2:2 pulldown cadence. PureVideo uses advanced processing techniques to detect poor edits, recover the original content, and display perfect picture detail frame after frame for smooth, natural looking video.

Noise Reduction

Improves movie image quality by removing unwanted artifacts.

Dual Stream Decode Acceleration

Hardware acceleration for HD picture-in-picture enables a complete HD movie playback experience.

Edge Enhancement

Sharpens movie images by providing higher contrast around lines and objects.

Integrated SD and HD TV Output

World-class TV-out functionality via Composite, SVideo, Component or DVI connections. Supports resolutions u to 1080i/1080p, depending on connection type and TV capability.

- 1 - NVIDIA SLI certified versions of GeForce PCI Express GPUs only.
2 - Feature requires supported video software. Features may vary by product.
3 - Requires other HDCP-compatible components.

Warranty and Service

- ? 1 year (plus an additional 2 years upon completion of a registration form on PNY's website)
- ? The latest up-to-date drivers at www.pny.com

- Back To Top -