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## Flash Memory Cards

Mobile Accessories

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## **Memory Upgrades**

## GeForce Graphics Cards

## Elder Scrolls V - Skyrim Bundle

- Gear Up
- GTX 400 GPUs Video
- GeForce GTX 600 Series GeForce GTX 500 Series
- GeForce 600 Series
- GeForce 500 Series
- GeForce 400 Series
- GeForce 200 Series
- GeForce 8 Series
- SLI Ready
- XLR8 Graphics
- XLR8 Gaming Legacy Products
- Quadro Professional Graphics

## Quadro Plex

**HP Flash Products** 

Fast Facts

Where To Buy

BUS Technology: PCI Express 2.0 Memory Amount: 512 MB Memory Interface: 256-bit Memory Bandwidth (GB/sec): 57.6 Fill Rate (billion pixels/sec.): 33.6

Product Specifications

Core Clock (MHz): 600MHz Memory Frequency (effective): 1.8GHz

GEFORCE 8800 G1

- NVIDIA® unified architecture with GigaThread™ technology
- Full Microsoft® DirectX® 10 Shader Model 4.0 support
- NVIDIA SLI™-Ready
- NVIDIA Quantum Effects<sup>™</sup> physics processing technology
- Two dual-link DVI outputs support two 2560x1600 resolution displays NVIDIA PureVideo™ HD technology<sup>1</sup>
- HDCP Capable<sup>2</sup> OpenGL® 2.0 support
- NVIDIA® ForceWare® Unified Driver Architecture (UDA)
- Outputs: DVI+DVI+HDTV/S-Video

Intel Pentium® III, AMD Duron™ or Athlon™ class processor or higher

- Single Slot form factor

Minimum System Requirements

### 512MB system RAM A minimum 400W system power supply (with 12V current rating of 26A)

- 1 6-pin supplementary power connector
- 50MB of available hard disk space CD-ROM or DVD-ROM drive
- Included in the box

- Quick Installation Guide
- Microsoft DirectX 9.0c
- NVIDIA GeForce Demos
- S-Video Cable
- HDTV Break-Out Pod/Cable "Y" Adapter Power Cable

## Features & Benefits

## 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.

## extreme processing efficiency in advanced, next generation shader programs. Full Microsoft® DirectX® 10 Support

and film-quality effects.

Delivers up to 2x the performance of a single graphics card configuration for unequaled gaming experiences by

# NVIDIA® Lumenex™ Engine

NVIDIA® SLI™ Technology<sup>1</sup>

- 128-bit floating point High Dynamic-Range (HDR): Twice the precision of prior generations for incredibly realistic lighting effects—now with support for anti-aliasing.
- 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 AL.

## applications. ForceWare provides the best out-of-box experience and delivers continuous performance and feature updates over the life of NVIDIA GeForce® GPUs.

OpenGL® 2.0 Optimizations and Support Ensures top-notch compatibility and performance for OpenGL applications.

## PCI Express Support Designed to run perfectly with the PCI Express bus architecture, which doubles the bandwidth of AGP 8X to

deliver over 4 GB/sec. in both upstream and downstream data transfers. Dual 400MHz RAMDACs

# Dual Dual-link DVI Support

2048×1536@85Hz.

Built for Microsoft® Windows Vista™ NVIDIA's fourth-generation GPU architecture built for Windows Vista gives users the best possible experience

## NVIDIA® PureVideo™ HD Technology 2 The combination of high-definition video decode acceleration and post-processing that delivers unprecedented

with the Windows Aero 3D graphical user interface.

picture clarity, smooth video, accurate color, and precise image scaling for movies and video.

NVIDIA PureVideo is a discrete programmable processing core in NVIDIA GPUs that provides superb picture

## Hardware Decode Acceleration Provides ultra-smooth playback of H.264, VC-1, VVMV and MPEG-2 HD and SD movies.

HDCP Capable<sup>3</sup> Designed to meet the output protection management (HDCP) and security specifications of the Blu-ray Disc and

# Spatial-Temporal De-Interlacing

**High-Quality Scaling** Enlarges lower resolution movies and videos to HDTV resolutions, up to 1080i, while maintaining a clear, clean image. Also provides downscaling of videos, including high-definition, while preserving image detail.

Recovers original film images from films-converted-to-video, providing more accurate movie playback and

Sharpens interlaced content on progressive displays, delivering a crisp, clear picture that rivals high-end

## superior picture quality. Bad Edit Correction

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

recover the original content, and display perfect picture detail frame after frame for smooth, natural looking video.

## **Video Color Correction** NVIDIA's Color Correction Controls, such as Brightness, Contrast and Gamma Correction let you compensate for

the different color characteristics of various RGB monitors and TVs ensuring movies are not too dark, overly bright, or washed out regardless of the video format or display type. Integrated SD and HD TV Output

Three years (plus an additional 2 years upon completion of a registration form on PNY's website)

Noise Reduction

Improves movie image quality by removing unwanted artifacts. Edge Enhancement

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

- The latest up-to-date drivers at www.nvidia.com

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# Overview

# Close-Out Deals

# Replacement Products

### Part No. VCG88512GXPB XLR8™ Graphics Cards offer the latest spec NVIDIA

8800 GT 512MB PCIe 2.0

SLI™-Ready GPUs with full DirectX® 10 support, HDCP capability and Overclocked options for hardcore gamers to push faster frame rates for the ultra-realistic gaming experience.

- Product Specifications - Features & Benefits
- Warranty and Service

The ideal combination of power, performance, and price, XLR8™ GeForce® 8800 GT 512MB PCIE

2.0 offers GeForce 8 Series architecture, SLI™-Ready, 112 stream processors, and a 256-bit

frame buffer for awesome DirectX 10 gameplay at ultra fast frame rates.

\* Not available on PNY Web, please contact your local dealer or click here for Where To Buy.

Stream Processors: 112 Shader Clock (MHz): 1500MHz

## Key Features

- 16x full-screen anti-aliasing True 128-bit floating point high dynamic-range (HDR) lighting
- PCI Express® 2.0 Support (backwards compatible with PCI Express)
- Built for Microsoft® Windows Vista™
- 1 Supported video software is required to experience certain features. Go to www.nvidia.com for more details. 2 - Requires other HDCP-compatible components
- . A PCI Express® compliant motherboard with one x16 graphics slot
- Microsoft®Windows® 2000, XP, Vista™
- VGA or DVI-I compatible monitor
- NVIDIA GeForce 8800 GT 512MB PCle Graphics Card

Installation CD, which includes:

- Detailed installation guide - NVIDIA ForceWare Drivers
- PNY and NVIDIA Desktop Wallpapers 2 DVI-to-VGA adapters

## NVIDIA® unified architecture

GigaThread™ Technology Massively multi-threaded architecture supports thousands of independent, simultaneous threads, providing

World's first DirectX 10 GPU with full Shader Model 4.0 support delivers unparalleled levels of graphics realism

## allowing two cards to run in parallel. The must-have feature for performance PCI Express® graphics, SLI technology dramatically scales performance on today's hottest games.

## Delivers stunning image quality and floating point accuracy at ultra-fast frame rates: 16x Anti-aliasing: Lightning fast, high-quality anti-aliasing at up to 16x sample rates obliterates jagged edges.

## NVIDIA® ForceWare® Unified Driver Architecture (UDA) Delivers a proven record of compatibility, reliability, and stability with the widest range of games and

## NVIDIA® nView® Multi-Display Technology Advanced technology provides the ultimate in viewing flexibility and control for multiple monitors.

# Blazing-fast RAMDACs support dual QXGA displays with ultra-high, ergonomic refresh rates—up to

Able to drive the industry's largest and highest resolution flat-panel displays up to 2560x1600.

# quality and ultra-smooth movies with low CPU utilization and power.

Discrete, Programmable Video Processor

HD DVD formats, allowing the playback of encrypted movie content on PCs when connected to HDCP-compliant displays.

home-theater systems.

When videos are edited after they have been converted from 24 to 25 or 30 frames, the edits can disrupt the normal 3:2 or 2:2 pulldown cadence. Pure Video uses advanced processing techniques to detect poor edits,

## Provides world-class TV-out functionality via Composite, S-Video, Component, or DVI connections. Supports resolutions up to 1080p depending on connection type and TV capability.

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

Warranty and Service

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3 - Requires other HDCP-compatible components.

## **X-ON Electronics**

Largest Supplier of Electrical and Electronic Components

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P-FD16GATT03-GE P-FD128ATT03-GE