



Verto® GeForce FX 5900

THE JOURNEY OF VERTO®

All journeys have an alpha, a beginning. If this is your first Verto journey, we say welcome. Your life is about to be transformed... forever. If you have experienced the magic of Verto before, you will be amazed at the heightened sensory experience on which you are about to embark. Do not be alarmed. The changes you see have made Verto stronger, faster and more technologically awesome than ever.

No matter where you are on your journey, Verto now has even more power to transport you to a world that few could ever imagine. A realm where time stands still and there is no day or night -- a gateway to a galaxy of endless possibilities. Do you have what it takes to harness its power? Think very carefully before you answer, for there is no turning back. You will be traveling alone on an endless journey to uncharted territory, guided solely by your wits and imagination. So buckle up and get ready for the ride of your life.

As the rush of Verto kicks in, it becomes clear that all preconceived notions of the ultimate gaming 3D graphics experience have just been eclipsed. Your senses have never been this alive, this acute. A mind-blowing explosion of light, color and sound lie in wait at every twist and turn. Yet, no matter what obstacle crosses your path or how formidable the opponent, you simply laugh in its face. Nothing can stand in your way once you've mastered the magic of Verto; gaming invincibility is finally within your grasp.

VERTO GEFORCE FX FAMILY

The Verto GeForce FX graphic card family delivers cinematic-quality imagery, studio-quality color and awesome special effects in real time for a totally immersive gaming experience on the desktop.

VERTO GEFORCE™ FX 5900 AT A GLANCE

- 128MB DDR memory
- VGA, DVI + S-Video (TV-out) outputs
- Integrated GPU heatsink/cooling fan
- Memory heat sinks
- Maximum display resolution 2048x1536x32 bpp at 85Hz
- Flat panel display support with resolutions up to 1600x1200



VERTO GEFORCE FX 5900 FEATURES & BENEFITS

- **NVIDIA® CineFX™ 2.0 Engine--** Powers cinematic effects beyond your imagination
- **256-bit Memory Interface with Advanced Memory Control--** Delivers more memory bandwidth and efficiency to power the latest games and applications at blazing speeds
- **128-bit studio precision computation--** Ensures the best image quality for even the most demanding applications
- **Vertex Shader 2.0+ and Pixel Shader 2.0+--** Stunning and complex special effects are possible while delivering faster, more seamless gameplay
- **AGP 8X--** Provides uninterrupted data flow for smoother video streaming and faster, more seamless gameplay
- **Integrated Full Hardware MPEG-2 Decoder--** Delivers full-frame, full-screen MPEG-2 video on your desktop
- **Integrated TV encoder--** Provides best-of-class TV-out functionality up to 1024x768 resolution

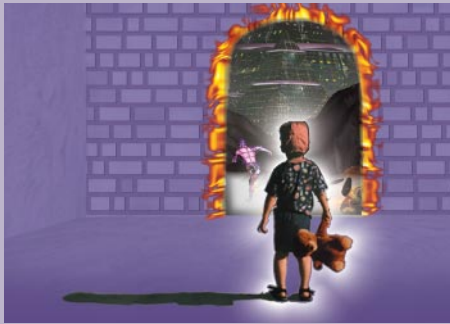
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Performance Specifications

Graphics Core	CineFX 2.0 256-bit graphics core
Core Clock	400MHz
Memory/Interface	128MB DDR/256-bit
Memory Clock	425MHz (850MHz Data Rate)
Vertices/sec.	300 million
Pixels per clock (peak)	8
RAMDAC (MHz)	Dual 400MHz RAMDAC's
Minimum Power Supply Requirements	300 watts

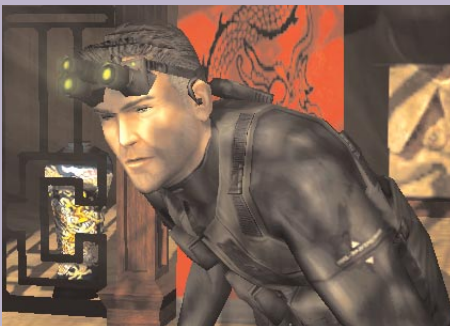


IN-BOX PROMOTIONS



Introducing Verto's 3D World

Verto's 3D World is a custom 3D desktop interface powered by 3DNA™. Users can easily access their programs, folders, files and favorite websites aboard the Verto spaceship's incredible game-like interface. Users can explore the Verto spaceship, hang digital photos on the walls, and blast alien invaders with the two retro-fun games that are included.



Full Splinter Cell®* Game Three CD Set

When two CIA agents mysteriously vanish in the former Soviet republic of Georgia, the NSA's secret sub agency, Third Echelon, deploys Sam Fisher - its most capable splinter cell operative - to recover them. Fisher soon uncovers a deeper conspiracy: a plot that threatens to destabilize world order and spark nuclear conflict.

Fisher, like all Third Echelon Splinter Cells, is granted the use of the Fifth Freedom - unprecedented latitude to safeguard America's security by any means necessary. Acting alone, he uses terrorists' own tactics against them. Should he fall to enemy hands, the U.S. government will disavow any knowledge of his existence.

No more time for negotiations and diplomacy. The time for decisive action has come. Strike from the darkness... Fade away. You are Sam Fisher. You are a Splinter Cell.

Verto® GeForce FX 5900

- **NVIDIA® Ultra Shadow™ Technology--** Accelerates shadow volumes for next-generation games and accurately maintains shadows while discarding unused information

- **Microsoft® DirectX® 9.0 Optimizations and Support--** Ensures the best performance and application compatibility for all DirectX® 9 applications

- **OpenGL 1.4 Optimizations and Support--** Ensures the best application compatibility performance for all OpenGL applications

- **THE ULTIMATE GAMING PLATFORM**
The 5900 provides awesome power and realism; two elements every gamer craves. Stunning cinematic graphics and lifelike characters at blazing speeds are now a reality with this powerful card. Verto GeForce FX 5900 takes cinematic quality special effects to new levels of realism with the industry's most reliable gaming platform.

- **UNMATCHED VISUAL QUALITY**
Advanced antialiasing and anisotropic filtering techniques, combined with the industry's only true 128-bit precision computation capabilities, result in unmatched image quality.

- **ULTRASHADOW TECHNOLOGY**
Enables advanced programmable techniques for shadow-intensive next generation games. Delivers cinematic-quality volumetric shadowing effects in PC gaming performance previously not available from a consumer-grade graphics card.

- **NVIDIA INTELLISAMPLE™ HCT HIGH-RESOLUTION COMPRESSION TECHNOLOGY**
Provides the industry's fastest and highest quality antialiasing for high resolution, ultra-realistic visuals without performance degradation.

A FULL LINE OF GRAPHICS CARDS

PNY markets a full line of Verto AGP and PCI Graphics Cards for ultimate gaming performance on a variety of computer systems.

TECHNICAL SUPPORT

For technical product support, FAQs and information on the latest up-to-date drivers, visit PNY's website at www.pny.com or phone 888.316.1193.

LIFETIME REPLACEMENT WARRANTY

Lifetime Replacement warranty is for replacement for like items only and does not cover items out of production if PNY no longer stocks them. (Lifetime is defined as the lifetime of the product on the market. Outdated technology is not covered by lifetime warranty if the item is no longer available on the common market as a new product.)

WHERE TO BUY

PNY products are sold through a variety of leading retailers, mail order houses, distributors and on-line channels. Visit PNY's website (www.pny.com) for specific location information.

ORDERING INFORMATION

Verto GeForce FX 5900

Retail Box Part Number: VCGFX59APB

Retail Box UPC Number: 751492231501

Bulk Part Number: VC-GF05900A8D12D-M

Bulk UPC Number: 751492232584

WORLD CLASS PERFORMANCE

PNY Technologies, Inc., an ISO 9000 registered company, is a world-class leader in computer memory upgrade modules (desktop, notebook & server), flash media (CompactFlash™, SmartMedia™, MMC™, SD™) and accessories, Verto consumer graphics cards and NVIDIA Quadro by PNY professional workstation graphics boards.

Headquartered in Parsippany, NJ, PNY maintains facilities in North America (Parsippany, NJ and Santa Clara, CA), Europe (France, Germany and the United Kingdom) and Asia.



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