Imagine all your digital media—TV, pictures, home movies, music—all in one place, and accessible from a single remote control. The Microsoft® Windows® XP Media Center Edition 2004 operating system combined with NVIDIA technology turns your home PC or notebook into an entertainment center, making it the most exciting Windows-based computer on the market today.

NVIDIA powers the Media Center experience by providing a comprehensive suite of products including:

- NVIDIA® GeForce™ FX graphics processing units (GPUs)
- NVIDIA GeForce FX Go mobile GPUs
- NVIDIA nForce™2 media and communications processors (MCPs)
- NVIDIA ForceWare™ software featuring custom Media Center controls
- NVIDIA MCE TV PCI tuner card

NVIDIA is the technology provider of choice for Media Center Edition PCs and notebooks—powering Media Center-based systems shipping today from companies such as ABS, Alienware, CyberPower, Gateway, HP, iBuyPower, Toshiba, ViewSonic, and more. With an NVIDIA-based Media Center system, users get stunning, high-quality video, immersive audio, high-resolution photo quality, and the ultimate gaming platform. Combined with NVIDIA's proven Unified Driver Architecture (UDA) users are ensured compatibility, stability, and reliability with all of today's latest and greatest applications and peripherals.

THE ULTIMATE GAMING PLATFORM

NVIDIA-based Media Center PCs and notebooks not only deliver a complete digital entertainment solution, but also provide the ultimate gaming platform, so you can play your game the way it’s meant to be played.

HARDWARE SUPPORT TO PLAY THE HOTTEST GAMES

Built on the foundation of GeForce FX and GeForce FX Go GPUs, the NVIDIA Media Center Product Suite delivers Microsoft DirectX® 9.0-class hardware to drive next-generation 3D games and applications. Powered by the NVIDIA® CineFX™ engine, GeForce FX and GeForce FX Go GPUs enable cinematic effects beyond imagination—at unmatched speeds and resolutions—taking your graphics experiences to a new level.

IMMERSIVE SURROUND SOUND

With an NVIDIA nForce2-based Media Center PC featuring NVIDIA SoundStorm audio you get an immersive gaming experience. Hear the roar of a Formula One racing car or the footsteps of your enemy creeping up behind you in Dolby Digital 5.1 surround sound.

NVIDIA FORCEWARE UNIFIED DRIVER ARCHITECTURE

The ForceWare Unified Driver Architecture (UDA)—a single driver architecture for all NVIDIA products—ensures industry-leading compatibility, reliability, and performance with the hottest games. In addition, ForceWare’s continuous performance and feature upgrades mean that your Media Center PC or notebook powered by GeForce FX, GeForce FX Go, and NVIDIA nForce2 deliver the ultimate gaming platform.

THE WAY IT’S MEANT TO BE PLAYED

Powering the hottest games. Delivering stunning cinematic graphics:

There’s a good reason why NVIDIA is the platform of choice for PC gamers worldwide. Look for the "NVIDIA®: The way it’s meant to be played™" seal on games and Media Center PCs and notebooks for the ultimate “install-and-play” experience.
NVIDIA Media Center Product Suite
Powering the World’s Best Media Center PCs

STUNNING, HIGH-QUALITY VIDEO
Leveraging powerful technology, NVIDIA has made investments in its Media Center implementation to ensure the highest quality consumer viewing experience for television, DVDs, and home movies.

DEDICATED HARDWARE FOR CRISP VIDEO QUALITY
The NVIDIA Media Center Product Suite features hardware MPEG-2 encoding through the NVIDIA MCE TV PCI tuner card. Unlike software encode-based solutions that rely on the CPU, NVIDIA’s dedicated hardware solution ensures uninterrupted quality of service for a superior TV viewing experience. The combination of integrated hardware decoders and a dedicated NVIDIA video processing engine (VPE) in the GeForce FX and GeForce FX Go GPUs delivers the highest quality DVD, video, and display output available in the market today.

CUSTOM MEDIA CENTER CONTROLS
NVIDIA ForceWare provides custom settings for Media Center systems. These settings allow users to control the color scheme, brightness, contrast, hue, saturation, gamma, and digital vibrance of live TV and DVDs all from the simple-to-use Microsoft Media Center remote control.

HIGH-SPEED DIGITAL MEDIA CONNECTIONS
The NVIDIA Media Center Product Suite makes creating, outputting, and viewing digital videos easy. With high-speed FireWire connectors, you can hook your NVIDIA nForce2-based Media Center PC up to a digital video camera to input footage for home video editing.

EXTENDED COLOR SUPPORT DRIVERS
With extended color support drivers, NVIDIA ForceWare delivers a full range of dynamic color, avoiding the loss of blacks and whites that commonly occurs when converting between video and standard computer monitors. By offering the full spectrum of color, NVIDIA color space conversion preserves the original color fidelity of video information for a richer, truer viewing experience.

AWARD-WINNING DISPLAY ARCHITECTURE
Built on the award-winning GeForce display architecture, GeForce FX and GeForce FX Go GPUs bring high-quality RAMDACs to Media Center PCs for crisp image quality and high-resolution photo presentations.

DIGITAL MEDIA DEVICE CONNECTIVITY
NVIDIA nForce2-based Media Center PCs feature USB 2.0 connectors to allow you to quickly hook up your digital camera to easily access all of your pictures.

STUNNING DIGITAL AUDIO FOR MOVIES AND MUSIC
By plugging your home theater system into the S/PDIF connector on an NVIDIA nForce2-based Media Center PC featuring NVIDIA SoundStorm™ audio technology, you have the ability to playback your favorite MP3 tunes or watch DVDs in Dolby® Digital 5.1 surround sound.

BUILT-IN CONNECTIVITY
NVIDIA nForce2-based Media Center PCs feature USB 2.0 and FireWire connections so you can quickly download your favorite MP3 tunes to an external MP3 player.

HIGH-RESOLUTION PHOTO QUALITY
Microsoft Media Center Edition makes it a snap to organize, find, and view your favorite pictures. With a long history of multimedia innovations, NVIDIA brings its award-winning GeForce display architecture, NVIDIA nForce2 connectivity, and ForceWare software enhanced color controls to Media Center PCs for the highest quality photo viewing.

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