NVIDIA® GeForce® Go 7900 GPUs
Consumer Messaging

Extreme HD for Notebooks

Extreme HD gaming notebooks

- Play today's hottest games at extreme HD resolution – 1920x1200 or 1680x1050
- First notebook with 512MB frame buffer to deliver blazing frame rates for graphic intensive applications
- Advanced visual effects engines deliver stunning effects for cinematic realism at unimaginable speeds
    - Full Microsoft® DirectX® 9.0 Shader Model 3.0 support including vertex texture fetch (VTF)
    - NVIDIA® Intellisample™ 4.0 technology delivers exceptional visual quality through transparency antialiasing algorithims
    - NVIDIA® CineFX® 4.0 engine including true high dynamic-range (HDR) rendering support for the ultimate lighting and shadow effects

Bringing the high-definition theater experience to notebooks PCs with NVIDIA® PureVideo™

- Dedicated video processor dramatically increase video processing performance
    - Complete support for H.264, MPEG-2, and WMV9 decode acceleration in high-definition and standard-definition video playback
- Integrated HDTV support provides stunning premium content with support for content protection from your notebook to your HDTV
- Industry's most advanced video algorithms eliminates video imperfections such as double images, blurring, and distortions while smoothing jagged edges and sharpening image clarity

Built for Microsoft® Windows Vista™ -- Microsoft's next generation operating system

- Third-generation GPU architecture built for Windows Vista
- Delivers the best possible experience when running the Premium Windows Vista 3D user interface
- NVIDIA® Unified Driver Architecture (UDA) for Vista ensures maximum stability and reliability
- NVIDIA® PureVideo™ technology accelerates the VMR pipeline for best-in-class video for Windows Vista

Extend notebook battery life with advanced power management technology

- NVIDIA® PowerMizer™ technology – enables the most efficient power consumption to deliver longer battery life
    - Automatic detection features lower power consumption delivering longer battery life to notebooks
    - Scaling the PCI Express bandwidth to match the requirements of those applications that do not require the full x16 lanes
    - Switches between performance mode and battery-saving mode
    - Dynamic clock scaling keeps clocks low for longer battery life and automatically scales up to match user's application activity
- Leading-edge semiconductor technology increase system performance
- NVIDIA® PureVideo™ technology – a dedicated video processor offloads the CPU which lowers power and extend battery life for video playback