

NVIDIA® GeForce® 7600 GPUs Messaging

CONSUMER MESSAGING

Extreme HD gaming unleashed

- Same parent architecture and feature set as the acclaimed NVIDIA® GeForce® 7800 GPUs
- Up to 2x the performance of the previous generation
- Second generation Microsoft® Direct® 9.0 Shader Model 3.0 technology
- Support for high dynamic-range (HDR) rendering for advanced lighting effects
- Fast GDDR3 memory enables rapid frame rates with all the eye-candy turned on
- NVIDIA® SLI™-Ready – Up to 2x the performance of a single GPU for unparalleled gaming experiences
- Integrated dual-link DVI port supports high-definition digital displays up to 2560x1600

NVIDIA® PureVideo™ technology delivers high-definition home-theater quality video to the PC

- Dedicated on-chip video processors dramatically increase video processing performance
 - H.264, MPEG2, and WMV9 decode acceleration provides unmatched HD and SD video playback and post processing
 - Video processors free the GPU's shaders to run 3D applications simultaneously
- Industry's most advanced video algorithms deliver smooth video playback and crisp picture quality
 - Inverse telecine (3:2 and 2:2 pull-down correction) detects and eliminates artifacts introduced during the film to video conversion process
 - Advanced spatial-temporal de-interlacing for high definition and standard definition content provides crisp images on progressive displays
 - High-quality video scaling allows you to change window size to full screen without video noise or artifacts
- VMR and Overlay video architecture is built for Microsoft® Windows Vista™, Windows® XP and Windows® XP Media Center Edition
- Comprehensive output support for connection to virtually any display device in the living room or office
 - DVI output enables a pure digital connection to high definition TVs at 720p and 1080p resolutions
 - Integrated HDTV encoder provides analog TV-output (Component/Composite/S-Video) up to 1080i resolution

Built for Windows Vista™ -- the next-generation operating system (OS) from Microsoft®

- Third-generation GPU architecture built for Windows Vista
- Delivers best possible experience when running the Windows Vista 3D graphical user interface
- New OS supported by renowned NVIDIA® Unified Driver Architecture (UDA) for maximum stability and reliability
- NVIDIA® PureVideo™ technology delivers high-quality VMR pipeline for best-in-class video for Windows Vista