



Choosing a Graphics Card for Video/Photos

NVIDIA offers a full line of graphics processing units (GPUs) designed to make your photo, DVD, TV, and video viewing crisp and smooth and your photo and video editing a breeze.

Feature	Technology Benefit	Primary Use	Media Center PC with GeForce FX	Personal Cinema FX	GeForce FX GPUs	GeForce4 MX GPUs	Basic Integrated Graphics*
TV-OUT	Allows you to hook your PC directly to your favorite TV for big-screen viewing	VIDEO / TV/DVD/PHOTOS	✓	✓	✓	✓	✓ **
MOTION COMPENSATION TECHNOLOGY	Eliminates blurriness in fast-action video	VIDEO / TV / DVD	✓	✓	✓	✓	✓
NVIDIA® NVIEW™ MULTI-DISPLAY TECHNOLOGY	Flexible support for multiple monitors (digital or analog) allows you to edit video or photos on one monitor and view them on another	VIDEO / PHOTOS	✓ **	✓ **	✓ **	✓ **	
NVIDIA® DIGITAL VIBRANCE CONTROL™ TECHNOLOGY	Allows you to adjust image levels to compensate for lighting in almost any viewing environment	VIDEO / TV / DVD/PHOTOS	✓	✓	✓	✓	
HARDWARE MPEG-2 DECODE	Delivers smooth, stutter-free DVD playback	DVD	✓	✓	✓	✓	
NVIDIA VIDEO PROCESSING ENGINE (VPE)	Delivers outstanding video playback quality	VIDEO	✓	✓	✓	✓	
HDTV OUTPUT	Allows you to output directly to today's high-definition televisions	VIDEO / TV		✓ **	✓ **		
PERSONAL VIDEO RECORDER (PVR) TECHNOLOGY	Allows you to pause, fast-forward, and record live TV with a free electronic programming guide	TV	✓	✓			
REMOTE CONTROL	Gives you full control of your PC from the comfort of your sofa	TV / DVD / PHOTOS	✓	✓			
DIRECT-TO-DVD BURN TECHNOLOGY	Lets you easily burn video content directly to DVD without having to save to your hard drive first	VIDEO / TV/DVD	✓ **	✓			
EXTENDED COLOR SUPPORT	Preserves the color fidelity of video inputs for a richer, truer viewing experience	VIDEO	✓				
HARDWARE MPEG-2 ENCODE	Delivers high-quality TV viewing by preventing interruption of service when the PC is doing multiple tasks	TV	✓ **				
AVAILABILITY	NVIDIA solutions are available in new PCs and as upgrades for your current PC			New PCs	Upgrade	New PCs and Upgrades	New PCs and Upgrades
						New PCs	

* Based on a current comparison with the Intel® 865G chipset

** This feature may be optional—please check graphics card or PC specifications