

NVIDIA® GEFORCE® GT 610

Step up to better graphics.



Every PC deserves dedicated graphics. Bring your multimedia performance to life with an NVIDIA® GeForce® GT 610 graphics card. Step up to advanced, reliable NVIDIA dedicated graphics for the faster, more immersive experience your customers look for in their favorite applications.

“Sixty percent of integrated graphics owners want dedicated graphics in their next PC!”



GEFORCE GT 610 TECHNICAL SPECIFICATIONS

- CUDA CORES
> 48
- GRAPHICS CLOCK
> 810 MHz
- PROCESSOR CLOCK
> 1620 MHz
- MEMORY INTERFACE
> 64 Bit
- FRAME BUFFER
> 1024 MB DDR3
- MICROSOFT DIRECTX
> 11
- MICROSOFT DIRECTCOMPUTE
> Yes
- BLU-RAY 3D¹
> Yes
- TRUEHD AND DTS-HD AUDIO BITSTREAMING
> Yes
- NVIDIA PHYSX™-READY
> Yes
- MAX. ANALOG / DIGITAL RESOLUTION
> 2048x1536 (analog) / 2560x1600 (digital)
- DISPLAY CONNECTORS
> Dual Link DVI, HDMI, VGA



See how amazing HD video, photo, and web performance can be with NVIDIA dedicated graphics.

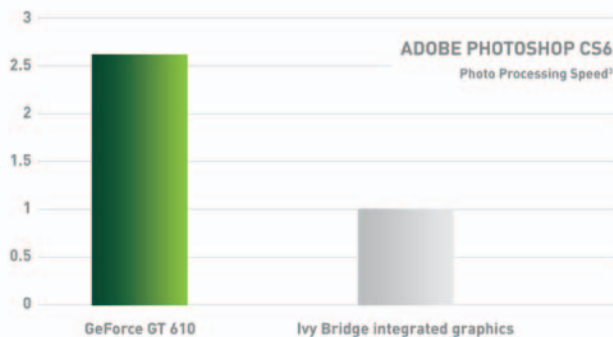


Accelerate your PC's performance by up to 3x over today's integrated graphics solutions² and provide additional dedicated memory.



Give your customers the freedom to enjoy a rich, cinematic 3D Blu-ray experience simply by connecting their PC to a 3D-enabled TV⁴ and expand their workspace to two 1080p displays.

BEST-IN-CLASS PERFORMANCE



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Features	Benefits
PC PERFORMANCE	Experience the power of NVIDIA GeForce GT 610 dedicated graphics with up to 3x faster PC performance ² .
HD VIDEOS	Get stunning picture clarity, smooth video, accurate color, and precise image scaling for movies and video with NVIDIA PureVideo® HD technology.
WEB ACCELERATION	Enjoy a 60% faster web experience with the latest generation of GPU-accelerated web browsers (Internet Explorer, Google Chrome, and Firefox) ⁵ .
PHOTO EDITING	Perfect and share your photos in half the time with popular apps like Adobe® Photoshop® and Nik Silver EFX Pro 2 ⁵ .
VIDEO EDITING	Create your HD video masterpiece up to 4x faster with GPU-accelerated software like vReveal ⁵ .
MULTI-MONITOR SUPPORT	Expand your multimedia workspace with an additional two 1080p displays for increased enjoyment and productivity.
NVIDIA GEFORCE DRIVERS	Experience world-class driver quality and features trusted by the most channel partners for the best stability, application compatibility, and overall lower total cost of ownership.
DEDICATED GRAPHICS MEMORY	Get 1 GB of dedicated graphics memory to ensure that the PC can respond quickly—even when multitasking—without stealing valuable system memory like integrated graphics solutions do.
HOME THEATER PCS	Connect your PC to any 3D-enabled TV and enjoy a cinematic Blu-ray 3D experience in your home—including rich, theatre-quality HD audio ⁴ .
DIRECTX 11	Your entry GeForce solution for DirectX 11, built from the ground up for Microsoft's newest graphics technology introduced with Windows 7.

Product Segment	GeForce Dedicated Graphics	Replaces Competitive Product
NVIDIA GEFORCE GT	GeForce GT 640	Radeon HD 6670
	GeForce GT 630	Radeon HD 6570
	GeForce GT 620	Radeon HD 6450
	GeForce GT 610	Radeon HD 6450
NVIDIA GEFORCE	GeForce 210	Radeon HD 5450

DRIVER/OS SUPPORT

- > Windows 7 32-bit, Windows 7 64-bit
- > Windows Vista 32-bit, Windows Vista 64-bit
- > Windows XP 32-bit
- > Windows XP Professional 64-bit
- > Windows Server 2003 64-bit
- > Linux 32-bit, Linux 64-bit

Contact < distributor name > for attractive pricing on GeForce GT 610 GPUs from NVIDIA Authorized Board Partners. For more information go to www.nvidia.com

1. Source: Niko Partners - survey of desktop PC users with Intel integrated graphics conducted in December 2011.
 2. Measurement of DirectX graphics performance compared to Intel HD 2500 integrated graphics.
 3. Relative hi-res photo processing speed (measured using blur effects). GeForce GT 610 vs. Intel HD 2500 integrated graphics.
 4. Blu-ray 3D playback requires the purchase of a compatible software player from CyberLink, ArcSoft, Corel, or Sonic.
 5. Measured versus Intel HD 2500 integrated graphics.

