

# NVIDIA® GEFORCE® GT 620

Step up to better graphics.



Every PC deserves dedicated graphics. The NVIDIA® GeForce® GT 620 graphics card delivers a superior multimedia experience, every time. Count on advanced, reliable NVIDIA dedicated graphics for the faster, more immersive experience your customers are looking for in their favorite applications.

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



## GEFORCE GT 620 TECHNICAL SPECIFICATIONS

- CUDA CORES  
> 96
- GRAPHICS CLOCK  
> 700 MHz
- PROCESSOR CLOCK  
> 1400 MHz
- MEMORY INTERFACE  
> 64 Bit
- FRAME BUFFER  
> 1024 MB DDR3
- MICROSOFT DIRECTX  
> 11
- MICROSOFT DIRECTCOMPUTE  
> Yes
- BLU-RAY 3D<sup>1</sup>  
> 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



Bring your PC to life with great multimedia performance for the web, as well as HD video and photo apps.

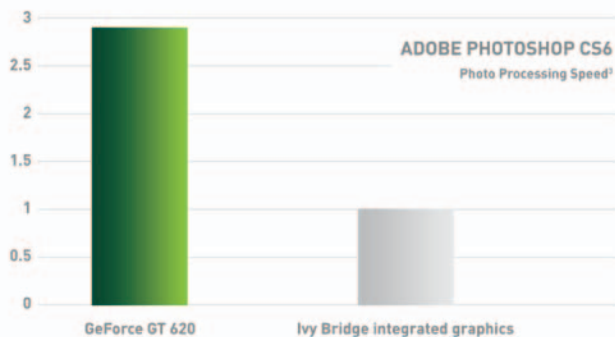


Boost your performance by up to 4x over today's integrated graphics solutions<sup>2</sup> and provide additional dedicated memory.



Give customers a simple way to connect their PC to a 3D-enabled TV for a rich, cinematic 3D Blu-ray experience<sup>4</sup> or expand their multimedia workspace to two 1080p displays.

## BEST-IN-CLASS PERFORMANCE



## NVIDIA® GEFORCE® GT 620

Features	Benefits
PC PERFORMANCE	Experience the power of NVIDIA GeForce GT 620 dedicated graphics with up to 4x faster PC performance <sup>2</sup> .
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 an 80% faster web experience with the latest generation of GPU-accelerated web browsers (Internet Explorer, Google Chrome, and Firefox) <sup>5</sup> .
PHOTO EDITING	Perfect and share your photos in half the time with popular apps like Adobe® Photoshop® and Nik Silver EFX Pro 2 <sup>5</sup> .
VIDEO EDITING	Create your HD video masterpiece up to 5x faster with GPU-accelerated software like vReveal <sup>5</sup> .
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 <sup>4</sup> .
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
<b>NVIDIA GEFORCE GT</b>	GeForce GT 640	Radeon HD 6670
	GeForce GT 630	Radeon HD 6570
	GeForce GT 620	Radeon HD 6450
	GeForce GT 610	Radeon HD 6450
<b>NVIDIA GEFORCE</b>	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 620 GPUs from NVIDIA Authorized Board Partners. For more information go to [www.nvidia.com](http://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 620 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.

