



Get to the next level with the EVGA GeForce GTX 680. This card delivers truly game-changing performance that taps into the powerful new GeForce architecture to redefine smooth, seamless, lifelike gaming. It offers brand new, never before seen features that will redefine the way you think about performance graphics cards. Expect more from your graphics card that just state-of-the-art features and technology; get faster, smoother and a richer gaming experience with the EVGA GeForce GTX 680.

Learn more [here](#).

## SPECIFICATIONS

- Base Clock: 1111 MHz
- Boost Clock: 1176 MHz
- Memory Clock: 6008 MHz Effective
- CUDA Cores: 1536
- Bus Type: PCI-E 3.0
- Memory Detail: 4096MB GDDR5
- Memory Bit Width: 256 Bit
- Memory Speed: 0.33ns
- Memory Bandwidth: 192.25 GB/s

## DIMENSIONS

- Height: 5.94in - 150.88mm
- Length: 11in - 279.4mm



## KEY FEATURES

- NVIDIA PhysX technology
- NVIDIA SLI Ready
- NVIDIA SMX Engine
- NVIDIA GPU Boost
- NVIDIA Adaptive Vertical Sync
- NVIDIA Surround
- Supports four concurrent displays
- Microsoft DirectX 12 API (feature level 11\_0) Support
- NVIDIA 3D Vision Ready\*\*\*
- NVIDIA CUDA Technology
- PCI Express 3.0 Support
- OpenGL 4.4 Support
- OpenGL Support
- NVIDIA FXAA Technology
- NVIDIA TXAA Technology
- NVIDIA PureVideo HD Technology

## RESOLUTION & REFRESH

- 240Hz Max Refresh Rate
- Max Analog: 2048x1536
- Max Digital: 2560x1600 (Dual Link DVI Only)

## REQUIREMENTS

- 550 Watt or greater power supply with a minimum of 38 Amp on the +12 volt rail.\*\*\*\*
- PCI Express, PCI Express 2.0 or PCI Express 3.0 compliant motherboard with one graphics slot.
- Windows 8 32/64bit, Windows 7 32/64bit, Windows Vista 32/64bit, Windows XP 32/64bit

\*DVI-D = Digital Only. Please do not connect to "DVI to VGA" adapter.

\*\*Support for HDMI includes GPU-accelerated Blu-ray 3D support (Blu-ray 3D playback requires the purchase of a compatible software player from CyberLink, ArcSoft, Corel, or Sonic), x.v.Color, HDMI Deep Color, and 7.1 digital surround sound. Upgrade your GPU to full 3D capability with NVIDIA 3DTV Play software, enabling 3D gaming, picture viewing, and 3D web video streaming.

\*\*\*NVIDIA 3D Vision and Surround require 3D Vision glasses and 3D Vision-ready displays. See [www.nvidia.com/get3d](http://www.nvidia.com/get3d) for more information

\*\*\*\*Minimum system power requirement based on a PC configured with an Intel Core i7 3.2GHz processor.



### EVGA Precision X

Designed from the ground up to support new GPU technology, EVGA Precision X redefines what overclocking software should be.  
[www.evga.com/precision](http://www.evga.com/precision)



### EVGA OC Scanner X

Featuring a brand new look and layout, this popular application has been adapted to show all of the latest GeForce vitals.  
[www.evga.com/ocscanner](http://www.evga.com/ocscanner)



### MODS RIGS

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### 24/7 Technical Support

EVGA is here for you day or night to help answer any questions!  
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[www.evga.com/teamevga](http://www.evga.com/teamevga)



## PRODUCT WARRANTY

This product is covered under EVGA's 3 year warranty which covers parts and labor. Further warranty extension is available upon registration within 90 days of purchase. For more details please visit <http://www.evga.com/warranty/>

