



Get to the next level with the EVGA GeForce® GTX 680 Hydro Copper. This card delivers truly game-changing performance that taps into the powerful new GeForce® architecture to redefine smooth, seamless, lifelike gaming. Also, with the preinstalled waterblock, expect drastically lower GPU operating temperatures for the maximum overclock possible. The preinstalled Hydro Copper waterblock was designed from the ground up to give the ultimate enthusiast experience; with EVGA Compression Fittings that give your tubing a clean look, a .25mm x .35mm pin matrix for optimal thermal transfer, and an 8+6 Pin Power Design for extreme overclocking.

*This card requires the other components needed to complete a watercooling system (pump, radiator, etc.)

SPECIFICATIONS

- Base Clock: 1150 MHz
- Boost Clock: 1215 MHz
- Memory Clock: 6300 MHz Effective
- CUDA Cores: 1536
- Bus Type: PCI-E 3.0
- Memory Detail: 2048MB GDDR5
- Memory Bit Width: 256 Bit
- Memory Speed: 0.33ns
- Memory Bandwidth: 201.6 GB/s
- Texture Fill Rate: 147.2 GT/s

KEY FEATURES

- NVIDIA SMX Engine
- NVIDIA GPU Boost
- NVIDIA Adaptive Vertical Sync
- NVIDIA® Surround™
- Support for four concurrent displays; two dual-link DVI connectors, HDMI and Displayport 1.2**
- Microsoft® DirectX® 11 with Direct Compute 5.0 support
- NVIDIA® PhysX® Technology
- NVIDIA 3D Vision®-Ready***
- NVIDIA SLI®-Ready
- NVIDIA® CUDA® Technology
- PCI Express® 3.0 Support
- OpenGL 4.2 Support
- OpenCL™ Support

REQUIREMENTS

- 550 watt or greater power supply with a minimum of 38 amps on the +12 volt rail.****
- PCI Express®, PCI Express® 2.0 or PCI Express® 3.0 compliant motherboard with one graphics slot.
- One 6-pin PCI Express® power connector or two available hard disk power connectors and one 8-pin PCI Express® power connector or two available 6-pin PCI Express® power connectors.
- Microsoft® Windows 7 / Vista / XP
- Other watercooling components needed to complete a watercooling system (pump, radiator, etc.)



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



24/7 Technical Support -

EVGA is here for you day or night to help answer any questions!
www.evga.com/support



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



EVGA GAMING -

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\$1k Sponsorships for every 200 posts. Come show off your rig and join in on one of the biggest things happening at EVGA. www.evga.com/community/modsrigs



EVGA SoNet -

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*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. See www.nvidia.com/3dvtv for more details.

***NVIDIA 3D Vision and Surround require 3D Vision glasses and 3D Vision-ready displays. See www.nvidia.com/get3d for more information.

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

DIMENSIONS/WEIGHT

- Height: 5.5in - 139.7mm
- Length: 10in - 254mm
- Weight: 3lbs

ACCESSORIES

- EVGA Driver/Software Disc with EVGA Precision Tuning Utility
- (1) DVI to VGA Adapter (For DVI-I)
- (1) 6 pin PCI-E Power Adapter
- (1) 8 pin PCI-E Power Adapter
- User Guide
- EVGA Accessory Pack
- 1/2" High Flow Compression Fittings
- 3/8" High Flow Compression Fittings



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 30 days of purchase. For more details please visit www.evga.com/warranty

