



## EVGA GeForce GTX 580 Classified Hydro Copper 3072MB

Part Number: **03G-P3-1593-KR**



Extreme overclockers Vince "k|ngp|n" Lucido and Illya "TiN" Tsemenko are not satisfied with the overclocking capabilities of current gThis card requires the other components needed to complete a watercooling system (pump, radiator, etc.)

This card features a 14+3 Phase Power Design that can deliver over 1000W of power, and the redesigned cooling solution with an 8CM fan improves efficiency by as much as 30% (compared to the standard cooler). The NEC Proadlizer, Super Low ESR SP-Cap capacitors, and high frequency 3MHz shielded inductors provide clean and precise voltage control, and the onboard voltage probe points lets you monitor them with ease. Of course, full support for the EVGA EVBot means that you can overclock and monitor your card on the fly, and a special OC BIOS enables extreme overclocking mode.

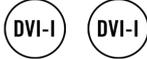
The EVGA GeForce GTX 580 Classified is engineered and designed to perform for everyone, from gamers to the top overclocking enthusiasts in the world. The dual slot top cooled design means that you do not need to worry about space or motherboard layout limitations, and this card supports everything from single card up to 4-way SLI out of the box. Learn more [here](#).

### SPECIFICATIONS

- Base Clock: 855 MHz
- Memory Clock: 4212 MHz Effective
- CUDA Cores: 512
- Bus Type: PCIe 2.0
- Memory Detail: 3072MB GDDR5
- Memory Bit Width: 384 Bit
- Memory Speed: 0.4ns
- Memory Bandwidth: 202.1 GB/s
- UPC: 843368018030
- EAN: 4250223635930

### DIMENSIONS

- Height: 6.15in - 156.21mm
- Length: 11in - 280mm



### KEY FEATURES

- Microsoft DirectX 11 support
- NVIDIA CUDA technology with OpenCL support
- NVIDIA PhysX technology
- NVIDIA SLI Ready
- NVIDIA 3D Vision Surround Ready
- NVIDIA PureVideo HD technology
- PCI Express 2.0 support
- Two dual-link DVI-I connectors
- Dual-link HDCP-Capable
- Microsoft Windows 7 Support
- OpenGL 4.0 Support
- HDMI 1.4a connector

### RESOLUTION & REFRESH

- Max Analog: 2048x1536
- Max Digital: 2560x1600 (Dual Link DVI Only)

### REQUIREMENTS

- 600 Watt or greater power supply with a minimum of 42 Amp on the +12 volt rail.
- PCI Express, PCI Express 2.0 or PCI Express 3.0 compliant motherboard with one graphics slot.
- An available 6-pin PCIe power connector and two available 8 pin PCIe power connectors
- Windows 10 32/64bit, Windows 8 32/64bit, Windows 7 32/64bit, Windows Vista 32/64bit, Windows XP 32/64bit



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