# EVGA GeForce GTX 580 3072MB Hydro Copper 2

**Part Number: 03G-P3-1591-AR**

This card requires the other components needed to complete a watercooling system (pump, radiator, etc.) The world's fastest GPU has arrived with the EVGA GeForce GTX 580 FTW Hydro Copper 2. EVGA and Swiftech revamp the award winning Hydro Copper waterblock with a true single slot, full-cover design, end to end. The EVGA backplate adds additional stability, and the glowing EVGA logo makes it one of the most sleek looking waterblocks on the planet. The innovation doesn't stop at stability and appearance. The base plate is made of chrome plated electrolytic C110 copper, and the 0.6mm thin pin matrix provides optimal thermal transfer to ensure the lowest temperatures possible.

Learn more **here.**



## SPECIFICATIONS

- Base Clock: 772 MHZ
- Memory Clock: 4008 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: 192.4 GB/s
- UPC: 843368017002

## DIMENSIONS

- Height: 4.376in - 111.15mm
- Length: 10.5in - 266.7mm

## KEY FEATURES

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

## 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 an available 8 pin PCIe power connector
- Windows 10 32/64bit, Windows 8 32/64bit, Windows 7 32/64bit, Windows Vista 32/64bit, Windows XP 32/64bit

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## PRODUCT WARRANTY

This product is covered under EVGA's Lifetime 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/**