Introducing the fastest DirectX® 11 GPU, the EVGA GeForce® GTX 580. This card rips through the latest DirectX® 11 games with up to 8x the tessellation performance over competing GPUs, and runs quieter than the previous generation. Experience a whole new level of interactive gaming with SLI® and combine up to three displays for the ultimate 3D gaming experience. With these features and more, the EVGA GeForce® GTX 580 does not just dominate the competition, **it obliterates it**.

SPECIFICATIONS

- Core Clock: 797 MHz
- Memory Clock: 4050 MHz Effective
- Shader Clock: 1594 MHz
- CUDA Cores: 512
- Bus Type: PCI-E 2.0
- Memory Detail: 1536MB GDDR5
- Memory Bit Width: 384 Bit
- Memory Speed: 0.4 ns
- Memory Bandwidth: 194.4 GB/sec
- Texture Fill Rate: 51 GT/s

MINI HDMI   DVI   DVI

KEY FEATURES

- Microsoft® DirectX® 11 Support
- NVIDIA® CUDA™ Technology with CUDA™ C/C++, DirectCompute 5.0 and OpenCL Support
- NVIDIA® PhysX® Technology
- NVIDIA® PureVideo™ HD Technology
- NVIDIA® 2-way, 3-way and 4-way SLI® Ready
- NVIDIA® 3D Vision Surround™ Ready
- PCI Express® 2.0 Support
- Two Dual-Link DVI-I HDCP Capable Connectors
- One Mini-HDMI 1.4a Connector
- OpenGL 4.1 Support

REQUIREMENTS

- 600 watt or greater power supply with a minimum of 42 amps on the +12 volt rail.
- PCI Express or PCI Express 2.0 compliant motherboard with one x16 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

EVGA Precision -
Monitor and control fan speeds, core clocks, temperatures, frame rates, take screenshots and more!
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EVGA is here for you day or night to help answer any questions!
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EVGA OC Scanner -
Built-in artifact scanning, benchmarking, and more, EVGA OC Scanner combined with Precision make the perfect combo.
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

DIMENSIONS/WEIGHT

- Height: 4.376in - 111.15mm
- Length: 10.5in – 266.7mm
- Weight: 3lbs

ACCESSORIES

- EVGA Driver/Software Disc with EVGA Precision Tuning Utility
- (1) Mini-HDMI to HDMI Adapter
- (1) DVI to VGA Adapter
- (1) 6 pin PCI-E Power Cable
- (1) 8 pin PCI-E Power Cable
- User Guide

NVIDIA PhysX — READY

NVIDIA 3D VISION READY

SLI

NVIDIA GeForce WITH CUDA