

# PNY



## GTX 580 Liquid Cooled with CPU Cooling 1536MB GDDR5 Part #: VCGGTX580XPB-LC-CPU

### STEP UP TO LIQUID COOLED GRAPHICS.

PNY Technologies and Asetek have joined forces to create an innovative product line of liquid cooled graphics cards. PNY Liquid Cooled Graphics deliver an extreme gaming experience that outperforms standard graphics cards in acoustics, thermals, and of course, raw performance! When coupled with an outstanding 5-Year Warranty, PNY Liquid Cooled Graphics are a must have for any enthusiast gamer!

### CUSTOM DESIGNED COOLING SOLUTION:

- Up to 30% Cooler temperatures than the reference designed GTX 580
- Up to 30% Quieter than the original GTX 580
- All in one design
- Simple Installation with standard size 120mm radiator that fits in a wide variety of popular cases
- Maintenance Free!

### EXTREME OVERCLOCKED PERFORMANCE GRAPHICS CARD:

- 10% Faster than the referenced designed GTX 580 graphics card
- Same form factor as the standard GTX 580 for easy installation in a wide variety of popular cases
- Experience your games like never before with extreme performance and high frame rate without the heat.

### 5 YEAR WARRANTY

- 3 years (plus an additional 2 years upon completion of a registration form on PNY's website)
- The latest up-to-date drivers at [www.pny.com](http://www.pny.com)

OFFICIAL VIDEO CARD & PC MEMORY SPONSOR OF



### PRODUCT SPECIFICATIONS:

Core Clock	857 MHz
Processor Cores	512
Processor Clock	1714 MHz
Texture Fill Rate	54.85 Billion/sec.
Memory Data Rate, effective	4212 MHz
Memory Interface	384-bit
Memory Bandwidth	202.18 GB/sec.
On-board Outputs	DVI, DVI, and HDMI mini
Bus Type	PCI Express® 2.0

### KEY FEATURES

- Overclocked Liquid Cooled GPU and CPU
- Full Microsoft DirectX 11 support
- NVIDIA CUDA™ technology support
- DirectCompute 5.0 Support
- OpenCL Support
- NVIDIA PhysX™ technology
- NVIDIA 3D Vision Surround Ready<sup>1</sup>
- NVIDIA PureVideo HD technology<sup>2</sup>
- Dual-Link HDCP-Capable<sup>3</sup>
- OpenGL 4.1 support

1. NVIDIA 3D Vision Surround requires two or more graphics cards in NVIDIA SLI configuration, 3D Vision glasses and 3D Vision-Ready displays. See [www.nvidia.com/surround](http://www.nvidia.com/surround) for more information.  
2. Supported video software is required to experience certain features. Visit [www.nvidia.com](http://www.nvidia.com) for

# PNY

PNY Technologies, Inc. 299 Webro Rd. Parsippany, NJ 07054-0218 | Tel 408 567 5500 | Fax 408 855 0680

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