



# GEFORCE® GTX 280 OC2™

PCI EXPRESS® x16

**1GB** GDDR3 MEMORY

RETAIL Part Number: **BFGRGTX2801024OC2E** UPC: **876758002586**  
CHANNEL Part Number: **BFGEGTX2801024OC2E** UPC: **876758002593**

Backed by free 24/7/365 world-class tech support and the best lifetime warranty in the industry, the **BFG GeForce® GTX 280 OC2™** graphics card is overclocked out-of-the-box, saving you the risk and hassle of doing it yourself while keeping the lifetime warranty intact. In addition to ripping through DirectX 10 games at blazing fast frame rates and enabling realistic physical motion and massively destructible environments with NVIDIA's new PhysX™ technology, the BFG GeForce GTX 280 OC2 graphics card gives your system the **power of up to 240 multi-threaded processor cores**, offloading the most intensive processing tasks from your CPU to your Graphics Processing Unit (GPU).



PCI Express® 2.0

Your box and product may vary.

HDTV + TV Out  
Dual-Link DVI-I

## Specifications

- GPU: NVIDIA® GeForce® GTX 280
- Bus Type: PCI Express® 2.0 (Backward compatible with PCI Express®)
- Memory: 1GB (1024MB) GDDR3
- Core Clock: 650MHz (vs. 602MHz standard)
- Shader Clock: 1404MHz (vs. 1296MHz standard)
- Memory Data Rate: 2326MHz (vs. 2214MHz standard)
- Processor Cores: 240
- Shader Model: 4.0
- Texture Fill Rate: 52.0 Billion/sec.
- Memory Interface: 512-bit
- Memory Bandwidth: 148.9GB/sec.
- API Support: Microsoft® DirectX® 10 and lower, OpenGL® 2.1 and lower for Microsoft Windows®
- Display Connectors: 2 Dual-Link DVI-I, HDTV + TV Out
- RAMDACs: Dual 400MHz
- HDCP Capable: Yes, Dual-Link\*\*
- HDMI™ Capable: Yes
- NVIDIA® SLI® Support: Yes, 2-Way
- Card Dimensions: 10.5" (L) x 3.75" (W) x 1.5" (H)

## Included in Box

- BFG NVIDIA® GeForce® GTX 280 OC2 1GB graphics card
- Quick install guide
- DVI to VGA adapter
- DVI to HDMI™ adapter
- HDMI™ cable (6 ft.)
- S/PDIF audio cable (1 ft.)
- HDTV (component) breakout cable
- Dual 4-pin Molex® to single 6-pin PCI Express® power adapter
- Dual 6-pin PCI Express® to single 8-pin PCI Express® power adapter
- Driver CD, which includes
  - > NVIDIA® Forceware® unified graphics driver
  - > Full multiple language installation manual .pdf

## Minimum System Requirements

- 1GB of system memory (2GB recommended)
- CD or DVD-ROM drive
- 100MB of available hard disk drive space for basic driver installation
- Microsoft® Windows Vista™ or XP operating system
- PCI Express® or PCI Express® 2.0-compliant system motherboard with one vacant PCI Express® x16 slot
- One vacant add-in card slot below the PCI Express® x16 slot. This graphics card physically occupies two slots
- 575W PCI Express®-compliant system power supply with a combined 12V current rating of 42A or more\*\*\*
- One 8-pin and one 6-pin PCI Express® supplementary power connector -or- Two 6-pin PCI Express® and two 4-pin peripheral supplementary power connectors

**NOTE:** For the power requirements of multiple GeForce® GTX 280-based graphics cards in an NVIDIA SLI® configuration, please visit [www.bfgtech.com/slipower](http://www.bfgtech.com/slipower).

\* Product must be registered on [www.bfgtech.com](http://www.bfgtech.com) within thirty (30) calendar days of the original purchase date to activate the limited lifetime warranty or limited ten (10) year warranty. Upon registration the product is protected for the product's lifetime in the United States and Canada, and ten (10) years from the date of purchase in all countries outside of North America against defects in material and workmanship. Warranty coverage is subject to the provisions available at [www.bfgtech.com](http://www.bfgtech.com). Products not properly registered will be covered from the date of purchase by a two (2) year limited warranty in Europe and a one (1) year limited warranty in the United States and other countries. Proper registration includes submitting proof of purchase to BFG.

\*\* Requires other compatible components that are HDCP capable. Designed to meet the output protection management (HDCP) and security specifications of the HD DVD and Blu-ray Disc® formats, allowing the playback of encrypted movie content on PCs when connected to HDCP-compliant displays.

\*\*\* Minimum system power requirement based on a PC configured with an Intel Core®2 Extreme QX9650 processor.

† Toll-free telephone technical support is available in the United States and Canada only. For customers outside of North America, a toll call will apply and your phone bill will reflect the charge. E-mail tech support is free and available to all customers.

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### Optimal Monitor Size

	17"-19"	20"-22"	23"-28"	30"
Gaming and 3D Applications	✓	✓	✓	✓
Vista Aero and 2D Applications	✓	✓	✓	✓

For more information on monitor resolutions visit [www.bfgtech.com](http://www.bfgtech.com)



# LIFETIME WARRANTY\* 24/7/365 TECH SUPPORT†

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