



# GEFORCE GTX 295 H<sub>2</sub>O<sub>C</sub>

PCI EXPRESS x16

**Thermo Intelligence**  
water cooling solution

**1792MB** GDDR3 MEMORY

CHANNEL Part Number: **BFGEGTX2951792H2OCWBE** UPC: **876758004030**

The quietest, fastest, coolest graphics card around! Backed by BFG Tech's famous Lifetime Warranty and free 24/7/365 tech support, the **BFG NVIDIA® GeForce® GTX 295 H<sub>2</sub>O<sub>C</sub> ThermoIntelligence®** graphics card packs the power of two GTX 200 Series processors on the absolute fastest water cooled graphics card BFG has to offer. Featuring a custom space saving single slot ThermoIntelligence® water block co-developed by BFG and Danger Den™, the BFG GTX 295 H<sub>2</sub>O<sub>C</sub> delivers an exceptional 40°C lower GPU operating temperature, which blows air cooling out of the water.



## Specifications

- GPU: Dual NVIDIA® GeForce® GTX 295
- Bus Type: PCI Express® 2.0 (Backward compatible with PCI Express®)
- Memory: 1792MB GDDR3 (Combined)
- Core Clock: 675MHz (vs. 576MHz Standard)
- Shader Clock: 1458MHz (vs. 1242MHz Standard)
- Memory Data Rate: 2214MHz (vs. 1998MHz Standard)
- Processor Cores: 480 (Combined)
- Shader Model: 4.0
- Texture Fill Rate: 108 Billion/sec. (Combined)
- Memory Interface: 896-bit (Combined)
- Memory Bandwidth: 248GB/sec. (Combined)
- API Support: Microsoft® DirectX® 10 and lower, OpenGL® 2.1 and lower for Microsoft Windows®
- Display Connectors: 2 Dual-Link DVI-I
- RAMDACs: Dual 400MHz
- HDCP Capable: Yes, Dual-Link\*\*
- HDMI™ Capable: Yes
- NVIDIA® SLI® Support: Yes, Quad
- Card Dimensions: 10.5" (L) x 3.75" (W) x .75" (H)

## Included in Box

- BFG NVIDIA® GeForce® 295 H<sub>2</sub>O<sub>C</sub>™ 1792MB graphics card with ThermoIntelligence® Water Cooling Solution
- Quick install guide
- DVI to VGA adapter
- DVI to HDMI™ adapter
- S/PDIF audio cable (1 ft.)
- Dual 6-pin PCI Express to single 8-pin PCI Express® power adapter
- Two standard removable fittings (barbs) each for 3/8" and 1/2" inner diameter tubing
- Two micro removable fittings (barbs) for space constrained NVIDIA SLI™ setups
- Two removable plugs (pre-attached to the water block)
- Two tubing clamps each for 5/8" and 3/4" outer diameter tubing
- One 2" piece of 1/2" inner diameter tubing for use with the micro removable fittings
- Driver CD, which includes
  - > NVIDIA® Forceware® unified graphics driver
  - > Full multiple language installation manual .pdf

## Minimum System Requirements

- Internal or external PC water cooling system that has the capacity to dissipate 300W of heat for this graphics card (BFG recommends Danger Den™ brand kits)
- Water cooling system tubing with a 3/8" or 1/2" inner diameter
- 2GB of system memory
- CD or DVD-ROM drive
- 100MB of available hard disk drive space for basic driver installation
- Microsoft® Windows Vista™ or XP operating system (Windows Vista™ required for Quad NVIDIA SLI®)
- 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
- 680W PCI Express®-compliant system power supply with a combined 12V current rating of 46A or more\*\*\*
- One 8-pin and one 6-pin PCI Express® supplementary power connector -or- Three 6-pin PCI Express® supplementary power connectors

**NOTE:** For the power requirements of two GeForce® GTX 295-based graphics cards in a Quad 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™ i7 965 Extreme Edition processor. For a recommended BFG power supply, please visit [www.bfgpower.com](http://www.bfgpower.com).

† 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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