

# BFG PHYSICS ACCELERATOR CARD



## SPECIFICATIONS

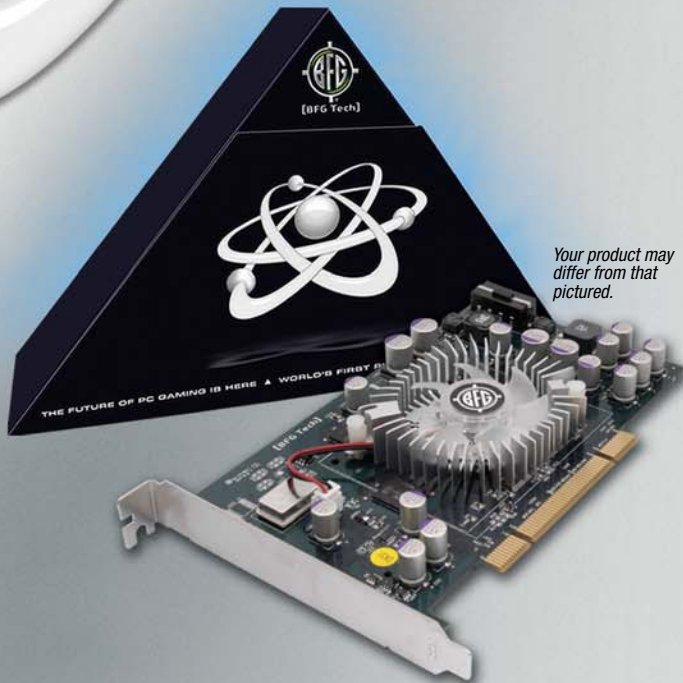
- › **Processor:** AGEIA™ PhysX™
- › **Memory Interface:** 128-bit GDDR3 Memory Architecture
- › **Memory Capacity:** 128MB
- › **Peak Instruction Bandwidth:** 20 Billion Instructions/sec
- › **Sphere-Sphere Collisions:** 530 Million Max
- › **Convex-Convex (Complex Collisions):** 533,000 Max
- › **Bus Technology:** 32-bit PCI 2.3 (3.3v & 5v support)

## SYSTEM REQUIREMENTS

- › CPU with processor speed of 1.4 GHz or higher
- › 128MB of system RAM
- › Microsoft® Windows® XP, Home, Pro or Media Center Edition
- › CD or DVD-ROM drive
- › 20MB available disk space
- › A 300 Watt system power supply
- › A vacant PCI 2.0 slot or higher
- › Add-in graphics card supporting Microsoft DirectX® 9.0 Shader Model 2.0 or higher

## FEATURES AND BENEFITS OF THE PHYSX PROCESSOR

Feature	Benefit
<b>Massively Parallel Physics Architecture</b>	Highly tuned multi-core processor complex, optimized for dynamic, large-scale physics processing. Accelerates real-time physical motion and interaction at a scale and quality far beyond what's possible with CPU or graphics processors.
<b>High-speed GDDR3 Memory Interface</b>	Support for GDDR3 memory delivers smoother game play via on-board acceleration of dynamic physics geometry and simulation objects.
<b>AGEIA Universal Continuous Collision Detection</b>	Enables entire environments to be interactive and destructible, with massive scale of collisions and response between fast moving objects.
<b>AGEIA Physical Smart Particle Technology</b>	Empowers tens of thousands of realistic smart particle calculations of volume, density and pressure for pervasive fluids, smoke, rain and debris. Goes beyond simple graphical particle systems which are unable to interact with dynamic objects.
<b>AGEIA Complex Object Physics System</b>	Drives physics processing beyond a few primitive shapes and simple effects to more accurate and realistic representations of physical objects and interactions.
<b>AGEIA Scalable Terrain Fidelity</b>	Delivers physical landscape accuracy and genuine surface reactions for true environmental experiences.
<b>AGEIA Dynamic Gaming Framework</b>	Flexible AGEIA PhysX hardware architecture provides an upgrade path to tomorrow's powerful feature and performance enhancement via software.



*Your product may differ from that pictured.*



[BFG Tech]

PhysX<sup>™</sup>  
by ageia

Part Number: BFGPHYSX128P

UPC: 876758000155

**INNOVATORS OF 24/7 FREE TECH SUPPORT & LIFETIME WARRANTY**

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