DIAMOND

VIPER ®

X800GTO

Viper X800GTO

Cinematic 2D/3D Graphics Card

Featuring:	RADEON™ X800GTO
Memory:	256MB GDDR3
Slot Type:	PCI Express
With:	SVGA & DVI/TV-Out
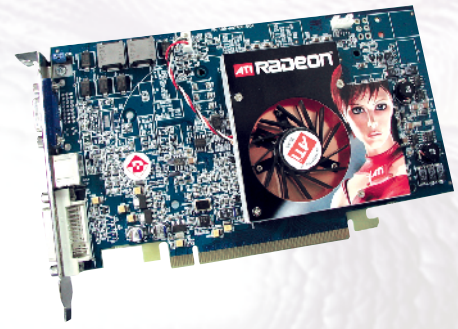
Overview

Diamond is pleased to introduce the Viper X800GTO, setting a new standard for performance and value in the game enthusiast segment.

The Viper X800GTO combines a powerful 12-pipe 3D engine with 256-bit memory interface and up to 1.18GHz* memory data-rate for truly outstanding performance on essential benchmarks and across the full range of games on the market today.

Viper X800 GT/GTO Performance in Popular Games

Legend: Viper X800 GTO 256MB, Viper X800 GTO 128MB, Viper X800 GT 256MB, Viper X800 GT 128MB, GeForce 6600 GT

Games: Medal of Honor - Pacific Assault - driveby, Need for Speed Underground 2, Half Life 2 (at_c17_12), Far Cry - Regulator, Counter-Strike: Source, Colin McRae Ralley 2005, Battlefield 2, 3DMark03, 3DMark05
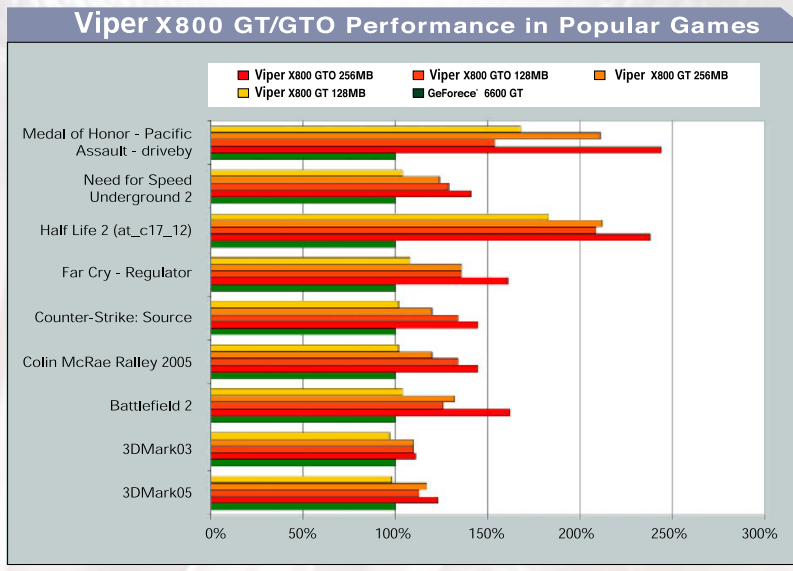
*Diamond Viper X800 GT and GTO 256MB/128MB test system: AMD Athlon64 FX55, 1GB OCZ (2-3-2-5) DDR400, WinXP SP2, Catalyst 8.1 62; Nvidia GeForce 6600 GT test system: AMD Athlon64 FX55, 1GB OCZ (2-3-2-5) DDR400, WinXP SP2, Forceware 77.77A

Viper X800 GTO TECHNICAL SPECIFICATIONS

Basic information	
Graphics chip set technology	Viper X800 GTO
Memory support	256 MB GDDR3
BUS Type	PCI Express
Performance Features	
Memory interface	256-bit GDDR3 at up to 1.18GHz data rate
HYPER ™ Z HD	Lossless Z-Buffer Compression and Fast Z-Buffer Clear reduce memory bandwidth by up to 25%
Visual Enhancement Features	
SmartShader™, SmoothVision	Proprietary ATI graphics technologies which deliver an exceptionally realistic gaming experience
FullStream™	Delivers smooth streaming media playback, eliminating choppy Internet video
HydraVision™	Plug two monitors into your PC at once and get access to easy to use features that help you to see more and do more
3Dc	Brings out fine details in games while minimizing memory usage – up to 4:1 compression
Display Features	
Displays supported	- Connect to CRT, digital flat panels, TV (VGA, DVI-I, TV-output) and HDTV
	- S-video and composite video input and output (VIVO)
Maximum 3D resolution	CRT (2048 x1536), digital flat panel (1600x1200), TV (1024x768), HDTV (1920x1080)

SYSTEM REQUIREMENTS:

- Intel® Pentium® 4 or AMD®Athlon® 64 FX CPU's
- CPU running at 2.4 GHz or higher
- 420 Watt power supply or higher
- Super VGA or DVI-I compatible monitor
- Microsoft Windows® XP, 2000, MCE
- PCI Express X16 compliant slot
- CD-ROM or DVD-ROM drive
- 64MB system RAM
- 150MB available hard disk space

SPECIFICATIONS:

- GPU: Radeon X800GTO
- Bus Type: PCI-Express x16
- Memory: 256MB GDDR3 – 256bit
- Core Clock: 400 MHz
- RAMDACS: Dual 400 MHz
- API Support: DirectX® 9.0, OpenGL 2.0
- Output: DVI, VGA, TV-Out
- Supports for Hardware and Transform and Lighting (T&L)