

# Monster 3D<sup>TM</sup>

## Add 'Killer-3D To Your PC'

- Works With Your Existing Graphics Card
- Accelerates All Direct3D Games
- Provides State-Of-The-Art 3D Features
- Easy Pass-Through Installation

Arcade games! Dedicated game consoles! Who needs them? Monster 3D™ brings the arcade into your PC with blistering, in-your-face 3D graphics. 3D graphics for games and games only. Based on the state-of-the-art 3Dfx Interactive Voodoo 3D accelerator, Diamond Multimedia's Monster 3D works with your existing graphics card to transform your ordinary, unassuming computer into a monstrous gaming machine. Monster 3D will

transform any Direct3D game for Windows® 95 into a reality all its own. Using the supplied pass through cable, Monster 3D patiently waits for your normal VGA card to finish it's boring word processor jobs. Then you start a Direct3D game or a DOS game accelerated for Monster 3D, and your PC roars to life in a blitz of color, motion and depth. Monster 3D is THE fastest 3D accelerator available! Turn your PC into a 3D gaming monster today.

# Monster 3D™

## Add 'Killer-3D' To Your PC!

### WHAT MONSTER 3D DOES

Up to now, games have featured blocky, low resolution images and textures. Now with Monster 3D games come to life with 3D features.

Low resolution without  
Monster 3D

Full-featured  
Monster 3D

- **Bilinear filtering** – Eliminates Blockiness
- **Anti-Aliasing** – Eliminates “jaggies”
- **Gouraud Shading** – Smooth color transitions
- **MIP mapping** – Eliminates texture “sparkling”
- **Perspective Texture mapping** – Makes objects appear clearer
- **Texture modulation** – Provides smooth lighting on texture
- **Per-pixel alpha blending** – Makes glass & fog look real
- **Texture compositing/morphing** – Eliminates “object popping”

### WHAT YOU NEED

#### Minimum:

- PCI 2.0 compliant motherboard
- Available slot with 8MB system memory

#### Recommended:

- PCI 2.0 compliant motherboard
- Available slot with 16MB system memory
- MS-DOS 5.0 or later; Windows 95

### HOW MONSTER 3D WORKS

Monster 3D is a 3D graphics accelerator that works as a companion to your existing 2D graphics card. Monster 3D controls the resolution and refresh rate displayed on your monitor by 3D games. Monster 3D includes a software display utility which allows you to set Monster 3D's refresh rate for the resolution used by your game. Monster 3D has no effect on refresh rates of your 2D graphics card.

Resolutions, Colors & Refresh Rates (In Hz)					
Resolution	Colors				
512x384	65k	72	75	85	120
640x400	65k	60	75	85	120
640x480	65k	60	75	85	120
800x600	65k	60	75	85	

Colors are 24-bit dithered to native 16-bit RGB (65K colors)

### SOFTWARE INCLUDED

#### Special Monster 3D acceleration versions of:

Descent II™ Destination Quartzon™ by Interplay  
EF2000™ by DIC™ (Digital Image Design LTD/Ocean Software)  
Whiplash™ by Interplay, VR Soccer™ by Interplay  
MechWarrior II™ by Activision, Hyperblade™ by Activision

#### Monster 3D accelerated trial versions of:

Scorched Planet™ by Criterion Studios LTD, TOMB RAIDER by EIDOS  
Hellbender by Microsoft, Monster Truck Maddness™ by Microsoft

#### Bonus versions of:

Decathlon™, Captain Quazar™, You Don't Know Jack™, Diablo™,  
The Neverhood™, Road Rash™, Fire Fight™, (Hold on to Your) Nuts!™,  
Drowned God™, Ravage D.C.X.™, Flight Unlimited™, War Wind™,  
Free Interprize™, Death Drome™

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### PRODUCT SPECIFICATIONS:

#### Controller:

- 3Dfx Interactive Voodoo Graphics

#### Memory system:

- 4MB EDO DRAM
  - 2MB frame buffer memory for additional resolution and Z-buffer
  - 2MB for texture memory

#### Compatibility:

- PCI bus 2.0 compliant
- Support for full-screen games under popular PC operating systems including: Microsoft's Windows 95, MS-DOS using 3D API's including: Microsoft Direct3D, RealityLab 2.0, Intel 3DR, Criterion Renderware and more
- Operates transparently with most VGA and 2D Windows accelerators via analog pass-through

### STRONG INDUSTRY SUPPORT

These logos identify a new class of applications designed to take advantage of Monster 3D graphics. Look for Monster 3D and 3Dfx Interactive™ logos on games, graphics programs and Internet browsers. For a complete catalog of these products, check out our web site at <http://www.diamondmm.com>.



### BUILT TO LAST

**Warranty and Service:** Diamond's Monster 3D is backed by a five-year parts and labor warranty. Technical assistance is available six days a week by phone and through our website ([www.diamondmm.com](http://www.diamondmm.com)), 24-hour BBS, CompuServe® and America Online® forums

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