

Mid-Range Workstation Graphics Performance at Entry-Level Prices

Redefine your Expectations of Professional Graphics Acceleration

NEW! OXYGEN™ ACX

The 3Dlabs Oxygen ACX is the ultimate graphics acceleration solution for AutoCAD users. Featuring a dedicated graphics processor and 8 MB of high-speed SGRAM, the Oxygen ACX delivers high-precision 2D and 3D graphics acceleration on a single-slot AGP or PCI card. In addition, Soft Engine 4 from Vibrant Graphics - a \$300 value - is included free. The combination of Soft Engine 4, the fastest AutoCAD display list driver available and the Oxygen ACX accelerator ensures a dramatic performance boost regardless of whether you are running on a Intel® Pentium®, Pentium II or Pentium III processor.

NEW! OXYGEN™ VX1

The 3Dlabs Oxygen VX1 is the accelerator for today's graphics professional, delivering outstanding 2D performance and mid-range 3D performance at an unheard of entry level price. Featuring the all new 3Dlabs GLINT R3 processor with Virtual Texture technology and 32 MB of high-speed SDRAM, the Oxygen VX1 is the ideal affordable solution for CAD and digital content creation applications.

Soft Engine 4 for AutoCAD bundled FREE with OXYGEN ACX and OXYGEN VX1 Cards

Rated the best AutoCAD display list driver, Soft Engine 4 will dramatically boost AutoCAD display performance by up to 4X. This award-winning software bundle, valued at \$300, also enhances the user interface and can easily be customized for increased productivity.

3Dlabs brings you our award-winning graphics chip technology integrated into truly innovative hardware designs. The results are clear.



OXYGEN ACX

- Bundled with Soft Engine 4
- 8 MB high-speed SGRAM
- Permedia® 2 graphics processor
- AGP or PCI bus support
- 1600 x 1200 maximum resolution
- OpenGL 1.1 support
- Windows NT/95/98/2000 support



OXYGEN VX1

- Bundled with Soft Engine 4
- 32 MB high-speed SDRAM
- GLINT® R3 graphics processor
- AGP or PCI bus support
- 1900 x 1200 maximum resolution
- PowerThreads™ SSE drivers with Pentium® III and Multi-Threaded support
- OpenGL 1.1 compliant and OpenGL 1.2 ready
- DirectX 6.1 support
- Windows NT/ 95/98/2000 support

Oxygen graphics cards support the leading software APIs



Graphics Performance Never Looked So Hot!

We design the chips. We build the cards. You get the ultimate performance.

	NEW! OXYGEN ACX <i>The Ultimate AutoCAD Solutions</i>	NEW! OXYGEN VX1 <i>The Ideal Mid-Range DCC and CAD Solution</i>
Chipset	3Dlabs Permedia® 2	3Dlabs GLINT R3
Geometry Acceleration	Single-Threaded OpenGL	Single or Multi-Threaded PowerThreads™ SSE technology driver with Pentium® III Streaming SIMD Extensions
Bus Type	AGP or PCI	AGP (PCI available in Summer 1999)
Integrated 2D acceleration and VGA	64 bit	128 bit
On-board memory	8 MB high-speed SGRAM	32 MB high-speed SDRAM 64 MB Virtual Texture storage
Maximum true-color resolutions	1600 x 1200	1920 x 1200
Z-buffer precision	16 bit	32 bit
3D performance		
Polygons/second	1 million	2 million
Bi-linear pixels/second	45 million	90 million
Tri-linear pixels/second	-	90 million
Accelerated 3D functions	Gouraud shading, bi linear mip-mapped texture mapping with perspective correction, anti-aliasing, fogging, 1-bit OpenGL stencil buffers	Gouraud shading, tri linear mip-mapped texture mapping with perspective correction, anti-aliasing, translucency with destination alpha buffer, fogging, 8-bit OpenGL stencil buffers, full graphics overlay
AutoCad Acceleration	Soft Engine 4 accelerated performance and customizable user interface	Soft Engine 4 accelerated performance and customizable user interface
Accelerated driver support	Windows NT/95/98/2000 Full OpenGL ICD 1.1, OpenGL 1.2 ready DirectX 6.1	Windows NT/95/98/2000 Full OpenGL ICD 1.1, OpenGL 1.2 ready
Warranty	Full three-year parts and labor warranty	Full three-year parts and labor warranty

Supports the leading professional 3D applications, including:

AutoCAD, Pro/ENGINEER, Catia, SolidWorks, Unigraphics, I-DEAS Master Series, MicroStation, SolidDesigner, Solid Edge, Mechanical Desktop, Ansys, Softimage|3D, Maya, LightWave 3D, 3D Studio MAX & VIZ, Lightscape, Houdini, GameGen, WorldToolkit, IGrip, Quest, Open Inventor

Win An Oxygen Card!
Check out the details at <http://oxygen.3dlabs.com>

For more information or the name of an Oxygen reseller near you,
contact us at: info@3dlabs.com



In North America:

480 Potrero Avenue, Sunnyvale, CA 94086
Tel: (800) 464-3348 or (408) 530-4700

In Europe:

Meadlake Place, Thorpe Lea Road,
Egham, Surrey TW20 8HE, UK
Tel: (44) 1784-470-555

In Asia Pacific:

Shiroyama JT Mori Bldg., 16F Toranomom
4-3-1 Minato-ku, Tokyo 105-6016, Japan
Tel: (81) 3-5403-4653



Soft Engine 4 from Vibrant Graphics dramatically improves display performance of AutoCAD R14 and increases user productivity. This \$300 software package is included FREE.