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TECHWORKS ANNOUNCES POWER3D MACINTOSH ACCELERATOR CARD BASED ON 3Dfx VOODOO GRAPHICS™

Product to Debut at E3 Atlanta in 3Dfx suite #156

AUSTIN, Texas—June 18, 1997—TechWorks, Inc., a leading provider of computer performance enhancement products, today announced the release of a **Power3D™**, a new graphics accelerator card for PowerPC MacOS computer systems based on the 3Dfx Interactive Voodoo Graphics™ 3D chipset. This product will provide a breakthrough for PowerPC MacOS gamers who want the very best in 3D acceleration.

“We believe that 3Dfx and TechWorks form a superb team to introduce the **Power3D** graphics accelerator to the Mac marketplace,” said Mike Frost, President of TechWorks. “We have taken note of the outstanding OEM and ISV efforts put forward by 3Dfx and believe these efforts lie at the heart of their success with the Voodoo Graphics product.”

“The Voodoo Graphics performance will provide a whole new level of gaming to millions of PowerPC gamers,” said Dave Bowman, Vice President of Sales at 3Dfx. “We’re delighted that TechWorks, with their impressive background of quality manufacturing and customer service, has decided to bring this card to the Macintosh community.”

Designed to enable a new class of realistic and highly interactive 3D games, **Power3D**’s Voodoo Graphics offers expanded capabilities above and beyond the basic 3D functionality that will be found in commodity Macintosh video and multimedia accelerators. A number of Macintosh game development teams and major coin-op OEMs and developers have announced support for the chipset.

“The 3Dfx Voodoo Graphics architecture enables us to deliver the most engaging, realistic experiences possible to our customers,” said Eric Klein, Director of New Business Development at Bungie Software. “The sheer power and capability of this card allows our development teams to create games that rival the best in the console or coin-op market. We are especially stoked that TechWorks, with their 10 years of experience in the Mac market, will be bringing the **Power3D** card to the PowerPC gamers this summer.”

Voodoo Advantage

“Macintosh graphics processors that have been produced in the past have barely met the basic requirements for 3D”, said Gary Tarolli, vice president and chief scientist, 3Dfx Interactive. “Our design goals were much higher. Voodoo Graphics incorporates state-of-the-art 3D features, such as advanced texture-mapping techniques (texture compositing, morphing, animated textures), as well as superior filtering and MIP mapping functionality. When combined with our performance capabilities, developers can produce really cool, interactive game experiences.”

3D games require a combination of interactivity and visual realism. To achieve elementary 3D functionality, a graphics chip needs to support perspective-correct polygons with point sampled texture mapping, Z- and double-buffering, Gouraud shading capabilities and standard VGA resolution. To take the gaming experience to the next level, 3Dfx Interactive has included level-of-detail (LOD) MIP mapping, bi-linear and advanced filtering and SVGA resolution support. In addition, the chipset delivers realistic imagery through sub-pixel correction, alpha blending, and anti-aliasing. Unlike other multimedia accelerators that suffer significant performance degradation when available 3D features are used, the Voodoo Graphics chipset was designed to offer all of these features at real-time frame rates.

Voodoo Graphics supports numerous special effects for an even greater gaming impact. These include per-pixel effects such as fog, translucency, and transparency, texture compositing, a variety of lighting techniques, texture morphing, animated textures, and reflection mapping. These features let game developers deliver the most realistic interactive entertainment on the market. Even with all features activated, graphics performance is rated at a sustained 1 million triangles/second and 45 Mpixels/second.

TechWorks is accepting pre-orders for the 4MB **Power3D** card for \$249.95, plus shipping, handling and tax via its Ultimate Upgrades hotline at 1-800-926-2889, or its website direct ordering system at <http://www.techworks.com>. The **Power3D** card will be available at retail beginning in early August and at the MicroCenter booth at Boston MacWorld. OEMs interested in more information about this product may contact TechWorks sales department at 1-800-688-7466 or stop by the 3Dfx suite #156 at E3 in Atlanta for a demonstration.

TechWorks' mission is to be the leading supplier of computer enhancement products, and to maintain a 100% commitment to customer satisfaction. TechWorks produces more than 200 enhancement products for more than 2500 different computer systems.

TechWorks, Inc., founded in October of 1986, has more than 100 employees worldwide and distributes its products in more than 15 countries. The company's worldwide headquarters is in Austin, Texas, with European sales and service headquarters located in the United Kingdom. In 1996, TechWorks grossed over \$100 million, making it one of the nation's most successful privately-held companies.

TechWorks can be found on the Internet at <http://www.techworks.com>.

3Dfx Interactive develops high performance, cost-effective 3D media processors, software and related technology that are designed to enable a highly immersive, interactive and realistic 3D experience across the three primary interactive electronic entertainment platforms – the personal computer, the home game console and the coin-operated arcade system – as well as location-based entertainment (“LBE”) systems. Current 3Dfx Interactive products include the Voodoo family of accelerator chipsets, Voodoo Graphics™ and Voodoo Rush™.

3Dfx can be found on the Internet at <http://www.3dfx.com>

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