

ULTIMATE S3D-8™



**We Dare The
Competition
To Compare!**

Super Hardware

- ◆ New S3 Savage 3D graphics controller offers fully accelerated 2D, 3D, and video
- ◆ 8MB of 100MHz SDRAM with block write
- ◆ High refresh rates up to 160Hz eliminate flicker
- ◆ Over 42 extended resolution modes include:
 - 1600 x 1200 with 65,536 colors (85Hz)
 - 1280 x 1024 with 16,777,216 colors (60Hz)
 - 1152 x 864 with 16,777,216 colors (75Hz)
 - 1024 x 768 with 16,777,216 colors (130Hz)
 - 800 x 600 with 16,777,216 colors (160Hz)
 - 720 x 576 with 16,777,216 colors (160Hz)
 - 720 x 480 with 16,777,216 colors (160Hz)
 - 640 x 480 with 16,777,216 colors (160Hz)
- ◆ High quality NTSC/PAL TV output with simultaneous CRT and TV display
- ◆ Hardware DVD motion compensation support
- ◆ Streams Processor for on-the-fly stretching and blending of multiple video streams
- ◆ 60MHz VIP video port allows HDTV resolutions
- ◆ Glueless interface for hardware MPEG-2 decoders and video digitizers
- ◆ Flash ROM BIOS can be easily updated
- ◆ FCC Class B and **CE** certified for low emissions

Super Speed

- ◆ Full 2X AGP at 4X speed and bandwidth with Sideband Addressing and AGP Execute Mode
- ◆ Highly optimized 128 bit Graphics Engine
- ◆ Highest frame rates for video playback
- ◆ Five million triangles per second
- ◆ 128 bit Dual Rendering Pipeline
- ◆ 125 million pixels per second Trilinear Fill Rate

Super 3D Graphics

- ◆ Specular lighting and diffuse shading
- ◆ Edge anti-aliasing, vertex and table fog, 16 or 24 bit Z-buffering
- ◆ Sprite anti-aliasing, texture morphing, reflection and environment mapping, shadows, procedural, textures, and atmospheric effects
- ◆ S3 1/6th texture compression
- ◆ Void and cluster dithering for 16 bit modes
- ◆ Alpha blending modes
- ◆ MPEG-2 video textures
- ◆ Single cycle trilinear filtering

Super Software

- ◆ Drivers for Windows 3.1, 95, 98, Windows NT 3.51, 4.0, OS/2 3.0, 4.0
- ◆ DirectDraw, DirectVideo, Direct3D, OpenGL ICD for Windows 95, 98 and NT
- ◆ Powerful Display Control Panel includes:
 - On-the-fly resolution and refresh rate changes
 - Five preset buttons for display settings
- ◆ VESA 2.0 Super VGA compatible BIOS, VESA DDC, DPMS Support
- ◆ Display Power Management Signaling (DPMS) saves energy with compliant monitors

Super Support

- ◆ Four year warranty on parts and labor
- ◆ Software drivers continuously updated
- ◆ Unlimited, accessible technical support
- ◆ From a company specializing in micro-computer graphics since 1978



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