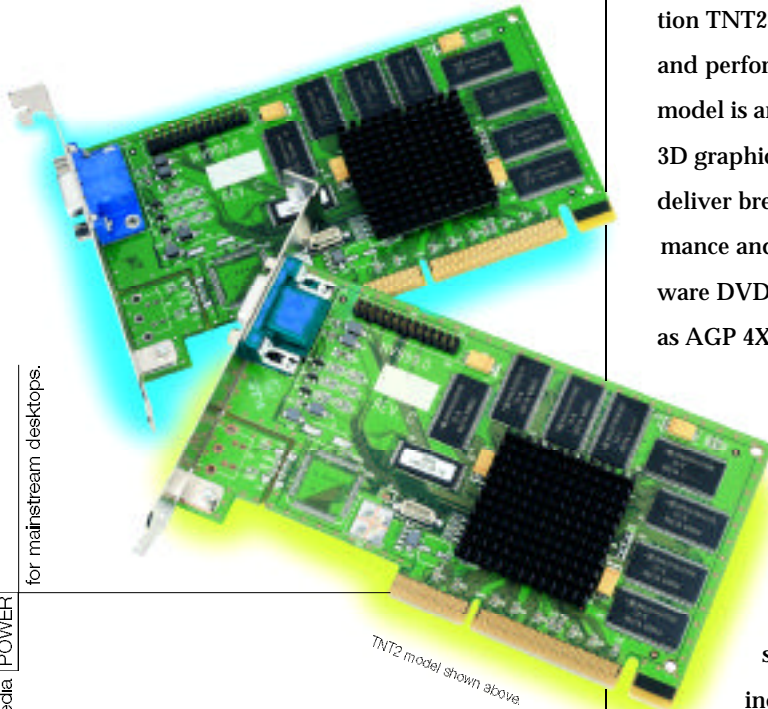


4x AGP TNT2 Model-64 3D Graphics Accelerator

NVIDIA RIVA TNT2
architecture for
quality and performance



Discover the ultimate multimedia
POWER for mainstream desktops.

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POWER for mainstream desktops.

Available with 32MB or 16MB SDRAM

- Outstanding combination of quality and performance for mainstream systems
- Proven 128-bit Twin Texel (TNT2) architecture
- Unified driver across product line
- Complete DirectX 6.0 and OpenGL support
- WHQL certified Windows 2000, Windows NT 4.0, 3.5, Windows 98 and Windows 95 display drivers
- 32-bit color, 32-bit Z/stencil buffer
- AGP 4x/2x system interface
- Backward compatible auto-switch to AGP 2x

Full-featured graphics solution for
mainstream desktops.

VisionTek's AGP 4x/2x Graphics Accelerator features the latest generation TNT2 graphics engine from NVIDIA for the ultimate in quality and performance for mainstream systems. The NVIDIA TNT2 64-bit model is an aggressively priced, 128-bit Twin Texel, highly-integrated 3D graphics processor, ideal for mainstream users. These accelerators deliver breakthrough 3D and industry-leading 2D graphics performance and provide complete support for video, software and hardware DVD playback, as well as the latest system technologies such as AGP 4X bus.

The RIVA TNT2 meets all requirements of the mainstream PC graphics market and Microsoft's PC'98, PC'99, and DirectX 6.0 initiatives. In addition to DirectX support, the RIVA TNT2 provides a complete high-performance professional-grade OpenGL ICD, included in the standard software package. The RIVA TNT2 delivers the industry's fastest Direct 3DTM acceleration, leadership VGA, DirectDraw and video performance. These exciting features enable a range of applications from the hottest 3D games to full-screen, 30fps DVD playback.

VisionTek is a leading manufacturer of memory and video boards for the OEM, contract and distribution markets. We are one of the largest manufacturers of NVIDIA processor-based graphics accelerators. Our partnership with NVIDIA ensures rapid delivery of the latest technology and our stringent, ISO-registered quality processes ensure the highest quality to meet your most demanding production requirements. Rely on the VisionTek-NVIDIA partnership for cost-effective reliability, compatibility, performance.

more than memory



4x AGP TNT2 Model-64 3D Graphics Accelerator

Get the ultimate in multimedia quality and performance with VisionTek's 64-bit AGP 4x/2x graphics accelerator. Powered by the optimized, second-generation NVIDIA TNT2 processor and built, tested, and supported by a leader in electronics assembly for outstanding quality, availability and customer service.

Applications

- 3D game design and development
- Internet browsing excellence
- Intense gaming performance
- Quality video playback
- Large-format display
- High-impact content creation

High-performance 128-bit 2D acceleration

- Hardware acceleration for all Windows GDI operations
- Optimized for multiple color depths including 32, 24, 16, 15 and 8 bits per pixel
- True-color hardware cursor
- Hardware color dithering
- Multi-buffering (up to quad buffering) for smooth animation and video playback
- Fast 32-bit VGA support
- Maximum resolution of 1920x1200x32 @ 72Hz

Robust system interface

- AGP 4X/2X system bus (AGP 2.0 and AGP 1.0 compliant)
- 64-bit frame-buffer interface, supporting up to 32MB SDRAM
- 125, 143 or 150MHz clock speed

Award-winning 3D performance

- Second-generation 128-bit TwiN Texel architecture
- 250MHz RAMDAC
- 140 million pixels/second fill rate
- Over 1.0GB/second throughput
- Complete DirectX 6.0 and 5.0 support
- Single-pass multi-texturing
- 32-bit rendering with destination alpha
- 32-bit Z/stencil buffer
- Anti-aliasing (full scene, order independent)
- Point-sampled, bilinear, and 8 tap anisotropic filtering
- 100% hardware triangle setup
- TextureBlend support
- Multi-texture, bump mapping
- Texture modulation
- Light, reflection, environment mapping
- Detail, procedural textures
- Per-pixel perspective-correct texture mapping
- Fog, light, mip mapping
- Optimized for Pentium III and K6-2 processors

High-quality video acceleration

- Full-screen, full-frame DVD playback
- Advanced support for DirectDraw

- Back-end hardware video scaling for video conferencing and playback
- Hardware color-space conversion (YUV 4:2:2 and 4:2:0)
- Multi-tap X and Y filtering
- Per-pixel color keying
- Multiple video windows with hardware color space conversion and filtering, DVD sub-picture alpha-blended compositing, Video acceleration for DirectShow, MPEG-1, MPEG-2, and Indeo

Built-in compatibility with unified driver

- Windows 2000, Windows NT 4.0, Windows NT 3.5, Windows 98, and Windows 95 display drivers
- Complete support for DirectDraw, Direct3D, DirectShow, and ActiveX
- OpenGLICD for all operating systems listed above
- OS/2 display driver
- Window 3.x display driver
- Fully PC98 and PC99 compliant

Industry-leading quality and support

VisionTek is a leading manufacturer of memory and NVIDIA processor-based graphics accelerators. VisionTek's AGP 4x TNT2 graphics accelerators are backed by a three-year warranty and the support of our expert technical support professionals.

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