

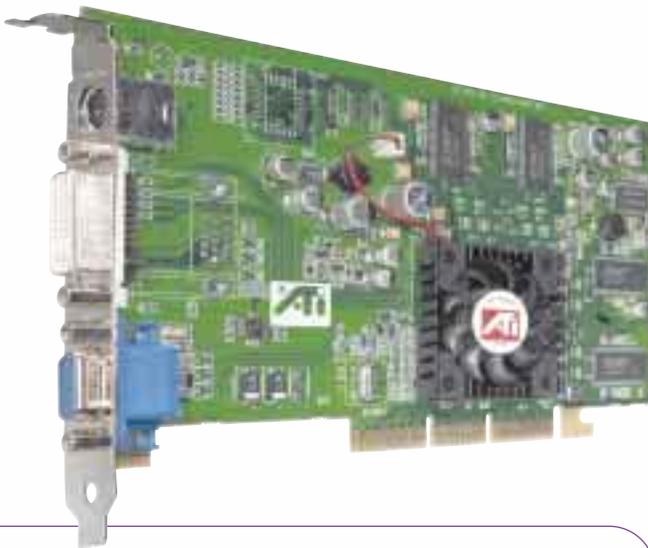
RADEON™ 7500



FIRST LOOKS

AT A GLANCE:

- Powered by the RADEON™ 7500 graphics processing unit (GPU)
- High-performance 3D graphics featuring ATI's CHARISMA ENGINE™, PIXEL TAPESTRY™ and HYPER Z™ technologies
- Flexible dual monitor support with HydraVision™ Multiple Monitor Management Software enables many combinations of VGA, DVI and TV
- Supports DirectX 8.0® and OpenGL®
- Features DVI interface with integrated TMDS for resolutions up to 1600x1200
- Industry-leading DVD video playback
- Supports 3D resolutions (32-bit color) up to 2048x1536
- AGP universal bus (for AGP 2X/4X systems)



Products designed and built by ATI offer:

- Full warranty coverage
- Reliable customer service
- Driver updates from ATI.com
- Exclusive ATI software for optimized performance

POWERFUL 3D AND 2D PERFORMANCE

- Powered by the RADEON™ 7500 GPU and 64MB DDR memory to accelerate the latest 3D and 2D productivity applications and games
- Delivers immersive, realistic 32-bit color graphics without PC performance decline
- High resolution 32-bit 3D graphics up to 2048x1536
- Full support and compliance with powerful DirectX® and OpenGL® applications
- Features CHARISMA ENGINE™, PIXEL TAPESTRY™ and HYPER Z™ for outstanding 3D performance and quality

FLEXIBLE DUAL MONITOR SUPPORT

- Leading-edge RADEON™ 7500 technology supports combinations of traditional CRT monitors, flat panel displays and TV
- HydraVision™ software provides the most flexible and user-friendly interface for multiple display settings:
 - Multi-task with MultiDesk – create, name and organize up to nine active multi-monitor desktops
 - Assign 'Hot Key' shortcuts for the functions used most often, like moving active windows or applications, accessing controls on the fly or opening applications
 - Set applications to automatically open in preferred position on the monitor and eliminate the need to reset computer settings every time the computer is turned on

INDUSTRY-LEADING DVD PLAYBACK

- ATI's VIDEO IMMERSION™ engine allows for adaptive de-interlacing for best quality motion video and text
- Process full-frame rate, full-screen DVD or MPEG-2 video
- Hardware DVD saves the expense of buying a separate MPEG-2/DVD decoder card
- Motion compensation and iDCT allow for DVD decoding with minimum CPU usage
- Quality product from the world's largest manufacturer of graphics boards means reduced cost of ownership, reliable technical support and 3-year warranty

RADEON™ 7500

System Requirements

- Pentium® 4/Celeron™/III/II, AMD® K6/Athlon® or compatible with AGP 2X or AGP 2X/4X universal slot
- Installation software requires CD-ROM drive
- DVD playback requires DVD drive on PCs with an Intel® Pentium® II processor (or equivalent) and 32MB of system memory

Graphics Controller

- RADEON™ 7500 graphics processing unit (GPU)

Memory Configurations

- 64MB of DDR

Supported Operating Systems

- Windows® 98 SE
- Windows® Me
- Windows® 2000
- Windows® XP*

*when available

Monitor Support

- CRT Monitor: 15-pin VGA connector
- S-Video or composite connector
- DVI-I (flat panel display) connector

Display Support

- Register compatible with VGA
- BIOS compatible with VESA for super VGA
- DDC1/2b/2b+ monitor support
- VESA Display Power Management Support
- Separate horizontal and vertical synchronization at TTL levels

Features

- CHARISMA ENGINE™
- HYPER Z™ technology
- PIXEL TAPESTRY™ architecture
- VIDEO IMMERSION™ technology
- Integrated Transformation, Clipping and Lighting
- Twin Cache Architecture
- SuperScalar Rendering
- Single-Pass Multi-Texturing
- True Color Rendering
- Triangle Setup Engine
- Texture Cache
- Bilinear/Trilinear Filtering
- Line & Edge Anti-Aliasing
- Full-Screen Anti-Aliasing
- Texture Compositing
- Texture Decompression
- Specular Highlights
- Perspective Correct Texture Mapping
- Mip-Mapping
- Z-Buffering and Double-Buffering
- Emboss, Dot Product 3 and Environment bump mapping
- Spherical, Dual-Paraboloid and Cubic environment mapping
- Fog effects, texture lighting, video textures, reflections, shadows, spotlights, LOD biasing and texture morphing

Warranty

3-year limited warranty

2D Display Modes:

Resolutions, colors and maximum refresh rates (Hz) in 256, 65K or 16.7M colors

Monitor Resolution	Hz
640x480	200
800x600	200
1024x768	200
1152x864	150
1280x1024	130
1600x1200	120
1920x1080	90
1920x1200	75
1920x1440	75
2048x1536	75

Maximum 3D Resolutions

65K colors	2048x1536
16.7M colors	2048x1536

Resolutions and refresh rates are subject to change



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