



ALL-IN-WONDER 128

The ultimate all-in-one TV, video and graphics card



Intelligent TV-Tuner with
Digital VCR

128-bit 3D graphics
acceleration

True color (32-bit) gaming

Video output to TV or VCR

Still image and MPEG-2*
motion video capture

Video editing

Hardware DVD video
playback

Up to 32 MB of memory



DVD



ALL-IN-WONDER 128

The ultimate all-in-one TV, video and graphics card

Powerful 128-bit 3D & 2D Graphics Acceleration

- ATI RAGE 128 GL 128-bit graphics technology
- 16 or 32 MB of memory
- The ultimate 3D experience — 3D gaming action, support for DirectX 6.0 and OpenGL
- Advanced 3D features including Triangle Setup Engine, SuperScalar Rendering, Single Pass Multi-texturing, and Twin Cache Architecture for stunning action, smooth animation, and life-like graphics

32-Bit True Color. No Compromises.

- Photo-realistic 32-bit true color – without compromising frame rate performance
- 16.7 million color 3D graphics without missing a beat

Rock-Solid DVD Video

- Hardware DVD playback provides cinema-quality, full screen DVD movies right on your PC or attached TV set
- No need to add a separate and costly MPEG-2 decoder card

Intelligent TV-Tuner — Brings New Power to Your PC

- High-resolution TV-Tuner lets you do more on your PC than you ever imagined
- Control your own instant replay or use the powerful zoom feature to check out the action up close
- Schedule the viewing of favorite shows, create a TV Magazine, or scan through all available stations for a glance at what's on
- Use the "Hot Words" real time word notification feature to watch TV for you and notify you when words or phrases you specify are detected



Intelligent TV-Tuner with Digital VCR

128-bit 3D graphics acceleration

True color (32-bit) gaming



Digital VCR with Real-time Video Compression and Video Editing

- Highly advanced video capabilities including a Digital VCR with real-time video compression software
 - Record TV shows and movies on your PC
 - Capture much more video than ever before, using the same amount of disk space!
 - Use video editing software that comes in the box to create your own professional-looking home videos

Capture MPEG-2* Motion Video and Still Images from any Video Source

- Add excitement and interest to all sorts of projects including business presentations, school projects, and web sites
- Capture still and moving images from sources such as VCRs, camcorders, and laserdiscs
- Full 720x480 video resolution in MPEG-2 capture using Pentium III™

Video Output to TV and VCR

- Connect your ALL-IN-WONDER 128 card to your TV or VCR
- Connect to your big screen TV and enjoy exciting, larger-than-life gaming or the wide variety of experiences available on the Internet, from entertainment to exploration to education

Enable Video Conferencing, Web TV, and more!

- Maximize your computing experience
- ALL-IN-WONDER 128 lets you enable an ever increasing number of video applications, including many you can download from the web at no cost
- Add your camcorder and conferencing software and conduct a video conference with friends or relatives
- Enable:
 - WebTV for Windows98
 - WaveTop
 - Microsoft NetMeeting
 - Avid Cinema
 - MGI VideoWave II
 - VDOPhone
 - RealVideo
 - CuSeeMe
 - NetShow
 - Ulead VideoStudio

Valuable Software Bundle⁴

- Full Version True Color 3D Games and Multimedia Creation Software.



3D Games



DVD Playback



Intelligent TV-Tuner



Full Audio Support



Video Capture and Editing



3D Modeling/Animation



Hardware DVD video playback

Still image and MPEG-2* motion video capture

Video-output to TV or VCR

ALL-IN-WONDER 128

The world's most powerful, advanced, and sophisticated TV, video and graphics capability through a single, unique upgrade card



System Requirements

- Windows 95b (OSR2) or Windows 98
- PCI version: Pentium 200 MMX/II/III or compatible with 33 MHz PCI local bus 2.1
- AGP version: Pentium II/III or compatible with AGP 2X bus (AGP 1.0 compliant)
- Sound card supported by Windows 95b (OSR2) or Windows 98 with available line input
- Installation software requires CD-ROM drive
- DVD movie playback requires DVD-ROM drive

Drivers Included

Windows 95b (OSR2) and Windows 98 Display and Multimedia drivers

TV-Tuner Requirements

NTSC TV signal from amplified antenna or cable.

Versions available for:

- NTSC, PAL M & PAL N
(North America, Brazil, Argentina, & Japan)
- Secam L, PAL B/G (France)
- Secam D/K, PAL B/G/D/K/I
(Europe, Australia and New Zealand)

Features vary from country to country, and depending on the television standard

Connectors

- PC Monitor: 15-pin VGA
- Stereo audio, S-video and composite video inputs
- S-video and composite video outputs
- External stereo audio connection to sound card's line input

Specifications

- ATI RAGE 128 GL graphics & video accelerator
- 16 or 32 MB of memory
- High-resolution 1920x1200 graphics at 76Hz refresh rate
- Flicker-free refresh rates up to 200Hz
- VESA DDC 1/2b/2b+ monitor support
- AGP 1.0 compliant (AGP version)
- Full OpenGL and DirectX support

Warranty

5-year limited

FEATURE COMPARISON CHART

	ALL-IN-WONDER 128 16MB	ALL-IN-WONDER 128 32MB
Memory	16MB	32MB
True color 2D/3D accelerator	RAGE 128 GL	RAGE 128 GL
TV-Tuner	•	•
DBX™ Stereo in North America	•	•
Video capture	•	Enhanced by ATI RAGE THEATER
Hardware DVD acceleration	•	•
TV/Video output	•	Enhanced by ATI RAGE THEATER
DVD Audio output	Dolby Pro Logic™ Surround Sound	Dolby Pro Logic™ Surround Sound
Digital Audio output	No	No
Digital VCR and Video Editing	•	•
Real-time Video Compression	ATI VCR1, ATI VCR2, MPEG-1, and MPEG-2*	ATI VCR1, ATI VCR2, MPEG-1, and MPEG-2*
Available versions		
• PCI	•	•
• AGP 2X	•	•

2D DISPLAY MODES: RESOLUTIONS, COLORS AND REFRESH RATES¹ (Hz)

MONITOR RESOLUTION	256 Colors	65K Colors	16.7M Colors	Rec Monitor Size ²
640x480	200	200	200	14"+
800x600	200	200	200	15"+
1024x768	180	180	180	17"+
1152x864	160	160	160	17"+
1280x1024	125	125	125	19"+
1600x1200	85	85	85	21"+
1920x1200	76	76	76	21"+

MAXIMUM 3D RESOLUTIONS³

	65K Colors	16.7M Colors
16MB	1600x1200	1280x1024
32 MB	1920x1440	1920x1200

*MPEG VIDEO CAPTURE SYSTEM REQUIREMENTS

VIDEO RESOLUTION	Pentium III	Pentium II	Pentium 200 MMX
720x480	best	good	
352x240	best	best	good

Best = IPB Compression (smallest files)

Good = I-frame compression

Pentium III recommended for full resolution MPEG-2 capture.

Video capture capabilities are scaleable to provide the best video capture possible with the CPU, memory & hard drive in the system.

¹ This list shows a range of refresh rates. Other selections are available. Supports all VESA monitor standards. User adjustable timings to support non-standard monitors. Some display modes and color depths may not be available for all drivers. ²All modes supported in up to 16.7M colors. ³Maximum 3D resolutions and colors using double buffered setting.



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