ATI ALL-IN-WONDER 9600 XT

ATI ALL-IN-WONDER 9600 XT 128 MB AGP Graphics Card

INSTRUCTION MANUAL

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ATI ALL-IN-WONDER 9600 XT 128 MB AGP Graphics Card. This product integrates advanced graphics processing with multimedia capabilities, including TV tuning and video capture, designed for AGP 8X/4X systems.

Figure 1: ATI ALL-IN-WONDER 9600 XT Product Packaging. The box highlights key features such as 128 MB DDR memory, AGP 8X/4X interface, included radio frequency remote control, and capabilities like pausing/recording live TV, video editing, DirectX 9.0 support, and dual VGA monitor output.

2. Setup and Installation

Before beginning installation, ensure your computer is powered off and disconnected from the power source. It is recommended to wear an anti-static wrist strap to prevent damage to components.

2.1 System Requirements

- Operating System: Windows XP, Windows 2000, Windows Me, Windows 98, Windows 98SE.
- Available AGP 8X/4X slot.
- Sufficient power supply for graphics card operation.

2.2 Hardware Installation

1. Open your computer case.
2. Locate an available AGP slot on your motherboard.
3. Carefully insert the ATI ALL-IN-WONDER 9600 XT card into the AGP slot, ensuring it is fully seated. Secure the card with the retaining screw or clip.
4. Close your computer case and reconnect the power source.

2.3 Driver and Software Installation

After hardware installation, power on your computer. The operating system may detect new hardware. Follow these steps:

1. Insert the driver CD provided with your graphics card into your CD/DVD drive.
2. Follow the on-screen instructions to install the ATI Catalyst drivers and ALL-IN-WONDER software suite. It is generally recommended to use the bundled drivers for initial setup.
3. Restart your computer when prompted to complete the installation.

Note: While newer drivers may be available online, some users have reported compatibility issues with the FM tuner or other features when updating from the bundled drivers. Proceed with caution when updating drivers.

3. Operation

The ATI ALL-IN-WONDER 9600 XT offers a range of multimedia functionalities. This section outlines how to utilize its primary features.

3.1 TV Tuner and TV-ON-DEMAND

- Connect your cable TV or antenna to the TV input port on the graphics card.
- Launch the ATI Multimedia Center software.
- Use the integrated Gemstar GUIDE Plus+ software to view TV listings and schedule recordings.
- The TV-ON-DEMAND feature allows you to pause, rewind, and fast-forward live television.

3.2 Video Production Studio

The card supports video input for capturing and editing home videos.

- Connect your video source (e.g., VCR, camcorder) to the video input ports (S-Video or Composite) on the card's breakout box.
- Use the ATI Multimedia Center or compatible third-party software to capture video.
- Edit captured footage and export in various formats.

3.3 Gaming Performance

With 128 MB DDR memory and Microsoft DirectX 9.0 compliance, the card provides robust 3D gaming performance.

- Ensure your game settings are optimized for your system's capabilities.
- Regularly check for stable, compatible graphics drivers to maintain optimal performance.

3.4 Dual Monitor Support

The ATI ALL-IN-WONDER 9600 XT supports two VGA monitors simultaneously.

- Connect your primary and secondary monitors to the available VGA outputs.
- Configure display settings within your operating system to extend or duplicate your desktop across both monitors.

3.5 Radio Frequency Remote Control

The included radio frequency remote control allows for convenient operation of multimedia functions from a distance.

- Ensure the remote control receiver is properly connected to your computer.
- Install any necessary remote control software or drivers as part of the ALL-IN-WONDER suite.

- Refer to the remote control's specific guide for button functions and advanced features.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your graphics card.

4.1 Driver Updates

Periodically check the ATI (now AMD) website for updated drivers. While updates can offer performance improvements and bug fixes, it is crucial to:

- Review release notes for known issues or incompatibilities.
- Back up your system or create a restore point before installing new drivers.
- Be aware that some specific features, like the FM tuner, have been reported to have compatibility issues with certain driver versions or antivirus software.

4.2 Cleaning

Dust accumulation can affect cooling and performance.

- With the computer powered off and unplugged, periodically clean the graphics card's heatsink and fan using compressed air.
- Ensure proper airflow within your computer case.

5. Troubleshooting

This section addresses common issues you might encounter.

5.1 Installation Issues

- **Card not detected:** Ensure the card is fully seated in the AGP slot. Verify your motherboard's AGP slot is functional.
- **Driver installation failure:** Ensure you are using the correct drivers for your operating system. Try installing drivers in Safe Mode if necessary.

5.2 Multimedia Functionality Problems

- **No TV signal:** Check cable connections to the TV input. Ensure the correct input source is selected in the ATI Multimedia Center.
- **FM Tuner static/not working:** Some antivirus software (e.g., Norton) has been reported to conflict with the FM tuner. Temporarily disable antivirus software to test. Consider using the bundled drivers if issues persist with updated drivers.
- **Video capture issues:** Verify video source connections. Ensure the correct input is selected in the capture software.

5.3 Display and Performance Issues

- **Poor graphics performance in games:** Ensure drivers are correctly installed. Check in-game settings for resolution and detail levels. Verify system cooling.
- **Display artifacts or instability:** This can indicate overheating or driver issues. Ensure proper ventilation and consider reinstalling drivers.

6. Specifications

| Feature	Detail
Model Number	100-714120
Brand	ATI
Graphics Coprocessor	AMD All-in-Wonder
Graphics RAM Size	128 MB DDR
Video Output Interface	VGA
Product Dimensions	11.7 x 9.6 x 3.4 inches
Item Weight	2.8 pounds
Manufacturer	ATI Technologies
Compatibility	Windows XP, 2000, Me, 98, 98SE
DirectX Support	Microsoft DirectX 9.0 compliant
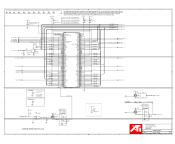
7. Warranty and Support
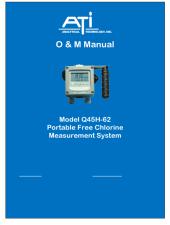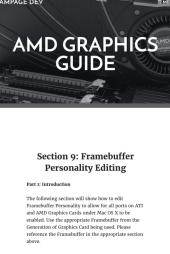
Information regarding product warranty and technical support may be found on the original product packaging or through the manufacturer's official website. As ATI Technologies is now part of AMD, support resources may be available via the AMD support portal.

For the most current support information, please visit the official AMD website:www.amd.com/support

Related Documents - ALL-IN-WONDER 9600 XT

	ATI R9200 Graphics Card Schematics Detailed schematics for the ATI R9200 graphics card, including AGP interface, memory channels, power regulators, and various I/O connections.
	MetriNet Controller O&M Manual Operation and Maintenance Manual for the ATI MetriNet Controller, detailing system components, installation, operation, and specifications for water quality monitoring.

	ATI AT1820 Series Class AB Power Amplifier Owner's Guide Comprehensive owner's guide for the ATI AT1820 Series Class AB power amplifiers, detailing safety instructions, connection procedures, operation, troubleshooting, specifications, and warranty information.
	ATI Q45H-62 Portable Free Chlorine Measurement System O&M Manual Operating and Maintenance Manual for the ATI Q45H-62 Portable Free Chlorine Measurement System, detailing its features, operation, calibration, maintenance, and troubleshooting procedures.
	SOYO SY-6IBM Motherboard: User's Guide & Technical Reference User's Guide and Technical Reference for the SOYO SY-6IBM AGP/PCI Motherboard. Covers hardware setup, BIOS configuration, audio features, and driver installation for Pentium III, II, and Celeron processors.
	AMD Graphics Guide: Framebuffer Personality Editing for Mac OS X A comprehensive technical guide from Rampage Dev detailing how to edit Framebuffer Personality on ATI and AMD Graphics Cards for Mac OS X, including ROM extraction, decoding, and kext patching.