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PowerColor AXRX 550 4GBD5-DH

PowerColor AMD Radeon RX 550 4GB Red Dragon Graphics Card User Manual

Model: AXRX 550 4GBD5-DH

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your PowerColor AMD Radeon RX 550 4GB Red Dragon Graphics Card. Please read this manual thoroughly before installation and use to ensure proper functionality and to prevent damage.

SAFETY INFORMATION

- Always disconnect power from your computer before installing or removing any components.
- Handle the graphics card by its edges to avoid touching sensitive components.
- Ensure proper grounding to prevent electrostatic discharge (ESD) damage.
- Do not expose the graphics card to moisture or extreme temperatures.
- Refer to your computer's motherboard manual for specific PCIe slot information.

PACKAGE CONTENTS

Verify that all items are present in the package:

- PowerColor AMD Radeon RX 550 4GB Red Dragon Graphics Card
- Quick Installation Guide (if applicable)
- Driver CD (if applicable, drivers are also available online)



Image: The PowerColor AMD Radeon RX 550 4GB Red Dragon Graphics Card shown alongside its retail packaging, featuring the "Red Dragon" logo.

SETUP AND INSTALLATION

Follow these steps to install your new graphics card:

1. Prepare Your System:

- Turn off your computer and disconnect the power cord from the wall outlet.
- Open your computer case.
- If an existing graphics card is installed, carefully remove it.

2. Locate PCIe Slot:

Identify an available PCI Express x16 slot on your motherboard. This card requires a dual-slot space due to its cooling solution.

3. Install the Graphics Card:

- Remove the metal slot cover(s) from the back of your computer case corresponding to the chosen PCIe slot.
- Align the graphics card with the PCIe slot and press down firmly until it is securely seated. A click may be heard.
- Secure the graphics card to the case with the screw(s) removed earlier.

4. Connect Power (if applicable):

The PowerColor RX 550 typically does not require an external PCIe power connector. If your specific model has one, connect the appropriate power cable from your power supply.

5. Close Case and Reconnect:

Close your computer case, reconnect all cables (monitor, power, peripherals), and turn on your computer.

6. Install Drivers:

Once Windows starts, install the latest AMD Radeon drivers. You can download them from the official AMD website (www.amd.com/en/support) or use the provided driver CD if available.

OPERATING THE GRAPHICS CARD

After successful driver installation, your PowerColor RX 550 graphics card will be fully operational. It supports various display outputs including DVI, DisplayPort, and HDMI.

- **Display Connection:** Connect your monitor(s) to the available ports on the graphics card.
- **Resolution Settings:** Adjust display resolution and refresh rate through your operating system's display settings or the AMD Radeon Software. The card supports resolutions up to 4096x2160.
- **AMD Radeon Software:** Utilize the AMD Radeon Software for advanced settings, performance monitoring, and game optimization.

MAINTENANCE

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

- **Dust Removal:** Periodically clean dust from the fan and heatsink using compressed air. Ensure the fan is not spinning while cleaning.
- **Driver Updates:** Keep your graphics drivers updated to the latest version from the official AMD website for performance improvements and bug fixes.
- **Temperature Monitoring:** Use monitoring software (e.g., AMD Radeon Software, GPU-Z) to keep an eye on the card's temperature, especially during heavy loads. Ensure adequate airflow within your PC case.

TROUBLESHOOTING

If you encounter issues, try the following solutions:

Problem	Possible Solution
No display output after installation.	<ul style="list-style-type: none">◦ Ensure the graphics card is fully seated in the PCIe slot.◦ Verify monitor cables are securely connected to the graphics card.◦ Check if your monitor is set to the correct input source.◦ Ensure your power supply unit (PSU) has sufficient wattage.
Driver installation failure.	<ul style="list-style-type: none">◦ Download the latest drivers directly from the official AMD website.◦ Use Display Driver Uninstaller (DDU) in Safe Mode to remove old drivers before installing new ones.◦ Ensure your operating system is up to date.

Problem	Possible Solution
System crashes or freezes during use.	<ul style="list-style-type: none">Check for overheating. Ensure proper case ventilation and clean the card's fan/heatsink.Verify PSU stability and wattage.Run a memory diagnostic test.Reinstall graphics drivers.

SPECIFICATIONS

Feature	Detail
Model Number	AXRX 550 4GBD5-DH
Graphics Processor	AMD Radeon RX 550
Video Memory	4GB GDDR5
Memory Speed	6 GHz
Max Resolution	4096x2160 (DisplayPort/HDMI)
Output Interfaces	DVI, DisplayPort, HDMI
Dimensions (LxWxH)	9.5 x 7.7 x 0.04 inches
Item Weight	1.1 pounds

WARRANTY AND SUPPORT

For warranty information and technical support, please visit the official PowerColor website or contact their customer service. Keep your purchase receipt as proof of purchase.

- PowerColor Official Website:** www.powercolor.com
- AMD Support:** For driver-related issues or general AMD GPU support, visit www.amd.com/en/support