XFX RX-68XLALBD9

XFX Speedster QICK319 AMD Radeon RX 6800 Graphics Card User Manual

Model: RX-68XLALBD9

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your XFX Speedster QICK319 AMD Radeon RX 6800 Black Gaming Graphics Card. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your product.

The XFX Speedster QICK319 series is designed with a modern aerodynamic style, focusing on clean and elegant design to maximize airflow for improved cooling and performance. It features AMD RDNA 2 architecture, which enhances gaming performance and visuals for both consoles and PCs, and includes new Ray Accelerators for high-performance hardware-accelerated raytracing.

PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged. The standard package should include:

- XFX Speedster QICK319 AMD Radeon RX 6800 Graphics Card
- Driver CD (for initial driver installation)

If any items are missing or damaged, please contact your retailer or XFX customer support immediately.

SETUP AND INSTALLATION

Proper installation is crucial for the performance and stability of your graphics card. Please follow these steps carefully.

System Requirements

- PCI Express-enabled motherboard with one x16 graphics slot.
- Minimum 650W power supply with two 8-pin PCIe power connectors.
- Minimum 8GB system memory (16GB recommended).
- Operating System: Windows 10 64-bit or Linux 64-bit.

- Internet connection for driver updates.

Physical Installation

1. **Preparation:** Power off your computer and unplug all cables. Open your computer case.

2. **Locate PCIe Slot:** Identify an available PCI Express x16 slot on your motherboard. Remove the corresponding expansion slot cover(s) from the back of your computer case.

3. **Insert Graphics Card:** Carefully align the graphics card with the PCIe slot and press down firmly until it is securely seated. Ensure the retention clip on the motherboard clicks into place.

4. **Secure Card:** Secure the graphics card to the computer case using the screw(s) from the removed expansion slot cover(s).

5. **Connect Power:** Connect the two 8-pin PCIe power connectors from your power supply to the corresponding ports on the top edge of the graphics card. Ensure a firm connection.

6. **Close Case:** Close your computer case and reconnect all cables.

Driver Installation

1. **Power On:** Power on your computer.

2. **Initial Display:** Your computer may boot with a basic display driver.

3. **Install Drivers:**

   - **Using Driver CD:** Insert the provided Driver CD into your optical drive and follow the on-screen instructions.
   - **Download Latest Drivers (Recommended):** Visit the official AMD website (www.amd.com/en/support) and download the latest drivers for the AMD Radeon RX 6800 series. Run the installer and follow the prompts.

4. **Restart:** Restart your computer after the driver installation is complete.

OPERATING THE GRAPHICS CARD

Once installed and drivers are updated, your XFX Speedster QICK319 graphics card is ready for use. It will automatically handle graphics processing for your system.

Display Connections

The graphics card supports multiple display outputs:

- 1 x HDMI port
- 3 x DisplayPort (DP) ports

Connect your monitor(s) to the desired output ports. The card supports a maximum resolution of 7680 x 4320 pixels.

Software and Features

Utilize the AMD Radeon Software Adrenalin Edition for advanced control over your graphics card. This software allows you to:

- Monitor performance metrics (temperature, clock speeds, fan speeds).
- Adjust game settings for optimal performance and visual quality.
- Update drivers.
- Access features like Radeon Anti-Lag, Radeon Boost, and Radeon Image Sharpening.

MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your graphics card.

- **Keep Drivers Updated:** Regularly check for and install the latest graphics drivers from the AMD website. Driver updates often include performance improvements, bug fixes, and new features.
- **Dust Removal:** Periodically clean dust from the graphics card fans and heatsink using compressed air. Ensure the computer is powered off and unplugged before cleaning. Hold the fan blades gently to prevent them from spinning rapidly during cleaning.
- **Airflow:** Ensure good airflow within your computer case. Keep cables tidy and ensure case fans are functioning correctly to prevent heat buildup.
- **Temperature Monitoring:** Use AMD Radeon Software or third-party tools to monitor the graphics card's temperature, especially during heavy loads. Excessive temperatures can indicate poor airflow or dust buildup.

TROUBLESHOOTING

This section addresses common issues you might encounter.

No Display / Black Screen

- Ensure the graphics card is fully seated in the PCIe slot.
- Verify that all PCIe power connectors are securely plugged into the graphics card.
- Check that your monitor cable is securely connected to both the graphics card and the monitor.
- Try a different display output port on the graphics card or a different monitor cable.
- Ensure your power supply meets the minimum wattage requirement (650W).

Driver Issues / Crashes

- Perform a clean installation of the graphics drivers. Use a utility like Display Driver Uninstaller (DDU) in Safe Mode to remove old drivers completely before installing the latest ones from AMD's website.
- Ensure your operating system is up to date.
- Check for conflicts with other software or drivers.

Poor Performance / Low FPS

- Ensure you have the latest graphics drivers installed.
- Check in-game graphics settings; reduce settings like resolution, anti-aliasing, or texture quality if necessary.
- Monitor temperatures. Overheating can lead to performance throttling. Ensure good case airflow and clean the card.
- Verify that your system meets the recommended specifications for the games or applications you are running.

SPECIFICATIONS

Feature	Detail
Model Name	XFX Speedster QICK319 AMD Radeon RX 6800
Model Number	RX-68XLALBD9
Graphics Processor	AMD Radeon RX 6800
Architecture	AMD RDNA 2
Video Memory	16GB GDDR6

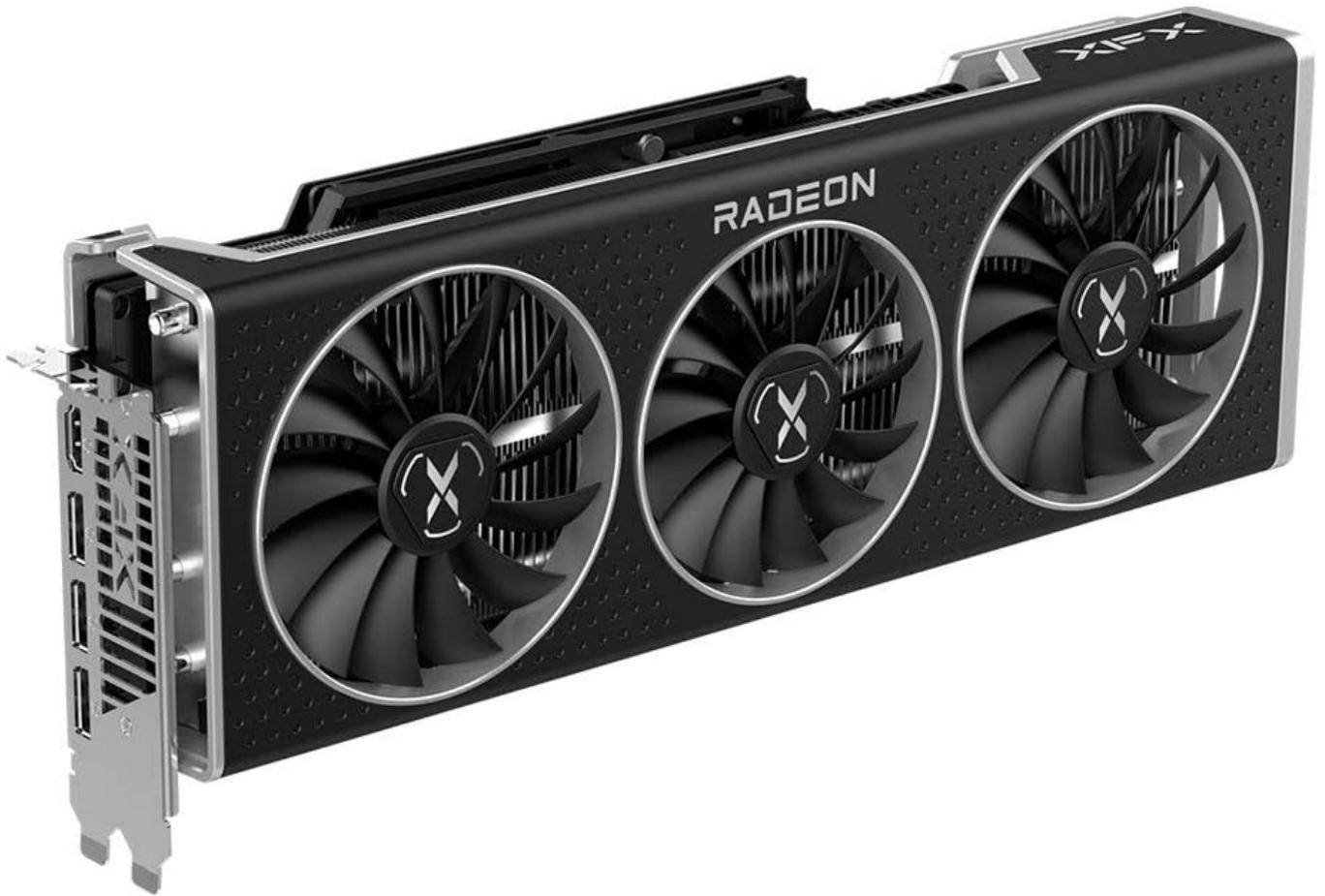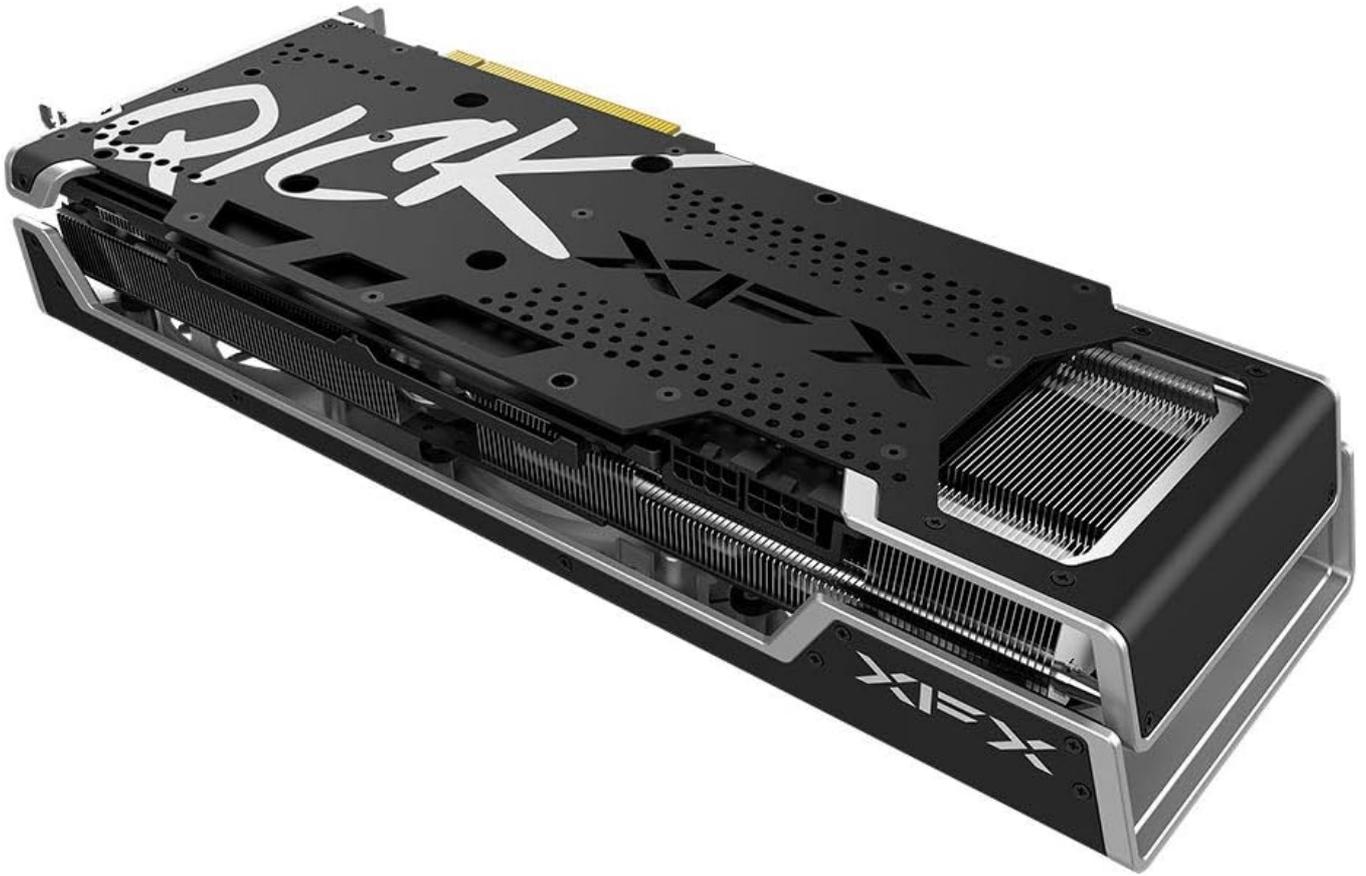|	
Memory Speed	16 GHz
Max Resolution	7680 x 4320 pixels
Output Ports	1 x HDMI, 3 x DisplayPort
Interface	PCI Express 4.0
Dimensions (LxWxH)	13.39 x 5.43 x 2.13 inches
Item Weight	4.44 pounds
Recommended PSU	650W (Minimum)
Power Connectors	2 x 8-pin PCIe

PRODUCT IMAGES

Front view of the XFX Speedster QICK319 AMD Radeon RX 6800 graphics card alongside its retail packaging, highlighting the product branding and key features.

Angled front view of the graphics card, showcasing its triple-fan cooling system and sleek black design with "RADEON" branding.

Top-down angled view of the graphics card, revealing the heatsink fins and the two 8-pin power connectors required for operation.

Rear view of the graphics card, showing the protective backplate with "QICK" and "XFX" branding, designed for structural integrity and heat dissipation.

Side profile of the graphics card, emphasizing its thickness and the robust cooling solution with multiple fan blades visible.

Another angled side view, providing a clearer look at the heatsink fins and the overall build quality of the card.

Direct top view of the graphics card, showcasing the three large cooling fans and the "RADEON" logo prominently displayed.

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official XFX website. XFX typically offers a limited warranty on its graphics cards, covering manufacturing defects for a specified period.

For technical support, driver downloads, and frequently asked questions, please visit the official XFX support website:

www.xfxforce.com/support

You may also find helpful resources and community forums on the AMD support website for general Radeon graphics card inquiries.