XFX RX-96TMERCB9

XFX Mercury AMD Radeon RX 9060 XT OC Gaming Edition Graphics Card User Manual

Model: RX-96TMERCB9

| Contents | Setup | Operating | Introduction | Safety Information | Package |
| | | | Maintenance | Troubleshooting | Specifications | Warranty & Support |

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your XFX Mercury AMD Radeon RX 9060 XT OC Gaming Edition Graphics Card (Model: RX-96TMERCB9). Please read this manual thoroughly before installation to ensure proper setup and optimal performance.

The XFX Mercury AMD Radeon RX 9060 XT is a high-performance graphics card designed for gaming and demanding graphical applications, featuring 16GB GDDR6 memory and AMD RDNA 4 architecture.

2. SAFETY INFORMATION

Observe the following safety precautions during installation and operation:

- Always disconnect the power supply from your computer before installing or removing any components.
- Wear an anti-static wrist strap or frequently touch a grounded metal object to prevent electrostatic discharge (ESD) damage to components.
- Handle the graphics card by its edges to avoid touching sensitive components.
- Ensure adequate ventilation within your computer case to prevent overheating.
- Do not expose the graphics card to moisture or extreme temperatures.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- XFX Mercury AMD Radeon RX 9060 XT Graphics Card
- Quick Install Guide

Image: The XFX Mercury AMD Radeon RX 9060 XT graphics card shown alongside its retail packaging.

4. Setup and Installation

4.1. Pre-installation Checks

- **System Compatibility:** Ensure your motherboard has an available PCI Express x16 slot.
- **Power Supply:** Verify your power supply unit (PSU) meets the recommended wattage for the RX 9060 XT and has the necessary PCIe power connectors (e.g., 8-pin + 8-pin). Refer to your PSU's documentation.
- **Case Clearance:** The card dimensions are approximately 12.6 x 5 inches. Ensure your PC case has sufficient

space.

- **BIOS/UEFI:** Update your motherboard's BIOS/UEFI to the latest version for optimal compatibility.

4.2. Physical Installation

1. **Prepare Your System:** Power off your computer and disconnect all cables. Open the computer case.

2. **Locate PCIe Slot:** Identify an available PCI Express x16 slot on your motherboard. Remove any expansion slot covers from the back of the case that correspond to the card's position.

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

4. **Secure the Card:** Use screws to secure the graphics card's mounting bracket to the PC case.

5. **Connect Power Cables:** Connect the required PCIe power cables from your power supply to the corresponding power connectors on the graphics card. Ensure a snug fit.

6. **Close Case and Reconnect:** Close your computer case, reconnect all cables, and power on your system.

Image: A side view of the XFX Mercury AMD Radeon RX 9060 XT graphics card, highlighting its triple-fan cooling solution and overall length, important for case clearance.

Image: A top-down view of the XFX Mercury AMD Radeon RX 9060 XT graphics card, showing the heatsink fins and the PCIe connector, which connects to the motherboard.

4.3. Driver Installation

After physical installation, you must install the latest AMD Radeon drivers:

1. **Download Drivers:** Visit the official AMD website (www.amd.com/en/support) and download the latest Radeon Software for your RX 9060 XT graphics card and operating system.

2. **Install Software:** Run the downloaded installer and follow the on-screen instructions. It is recommended to perform a "Factory Reset" or "Clean Installation" to remove any previous driver remnants.

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

5. OPERATING YOUR GRAPHICS CARD

5.1. Connecting Displays

The XFX RX 9060 XT features multiple display outputs. Connect your monitor(s) using compatible cables (HDMI or DisplayPort) to the ports on the graphics card. Ensure your monitor is set to the correct input source.

Image: The rear I/O panel of the XFX Mercury AMD Radeon RX 9060 XT graphics card, displaying the HDMI and DisplayPort outputs for connecting monitors.

5.2. AMD Radeon Software Adrenalin Edition

AMD Radeon Software Adrenalin Edition provides a comprehensive suite of tools for managing your graphics card. This software allows you to:

- Monitor performance metrics (temperatures, clock speeds, fan speeds).
- Adjust game settings and profiles for optimal performance.
- Enable features like Radeon Anti-Lag, Radeon Boost, and FidelityFX.
- Update drivers directly.

Refer to the AMD Radeon Software documentation for detailed usage instructions.

6. MAINTENANCE

6.1. Cleaning

Regular cleaning helps maintain optimal performance and extends the lifespan of your graphics card:

- **Power Off:** Always power off your computer and disconnect it from the power outlet before cleaning.
- **Dust Removal:** Use compressed air to gently blow dust from the heatsink fins and fan blades. Hold the fans in

place to prevent them from spinning rapidly during cleaning.

- **Exterior Cleaning:** Wipe the exterior of the card with a soft, dry, lint-free cloth. Avoid using liquid cleaners directly on the card.

Image: The backplate of the XFX Mercury AMD Radeon RX 9060 XT graphics card, showing its solid construction and passive cooling elements.

6.2. Driver Updates

Keep your graphics drivers updated to ensure the best performance, stability, and compatibility with new games and applications. Check the AMD website regularly for the latest driver releases.

7. TROUBLESHOOTING

If you encounter issues with your graphics card, refer to the following common troubleshooting steps:

- **No Display Output:**

  - Ensure the monitor cable is securely connected to both the graphics card and the monitor.
  - Verify the monitor is powered on and set to the correct input source.
  - Check that the graphics card is fully seated in the PCIe slot and all power cables are connected.
  - Try connecting to a different display output on the card or a different monitor.

- **System Instability/Crashes:**

  - Ensure your drivers are up to date. Consider performing a clean driver installation.
  - Check system temperatures using monitoring software. Overheating can cause instability.
  - Verify your power supply unit (PSU) meets the minimum requirements for the graphics card.

- **Poor Performance in Games:**

  - Ensure you have the latest graphics drivers installed.
  - Check in-game settings; reduce resolution or graphical quality if necessary.
  - Monitor GPU utilization and temperatures to identify potential bottlenecks or thermal throttling.
  - Ensure your system meets the game's minimum requirements.

For further assistance, please contact XFX Customer Support.

8. SPECIFICATIONS

Feature	Detail
Brand	XFX
Model Number	RX-96TMERCB9
Graphics Coprocessor	AMD RX 9060 XT
Graphics RAM Size	16 GB GDDR6
Boost Clock	Up to 3320 MHz
GPU Clock Speed (Base)	1900 MHz
Video Output Interface	DisplayPort, HDMI
Product Dimensions	12.6 x 5 x 0.04 inches
Item Weight	3.87 pounds

9. WARRANTY AND SUPPORT

XFX products are manufactured to the highest quality standards. For information regarding your product's warranty, please refer to the warranty card included with your product or visit the official XFX website.
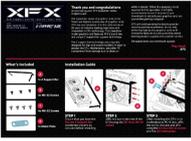For technical support, driver downloads, and frequently asked questions, please visit the XFX support page:
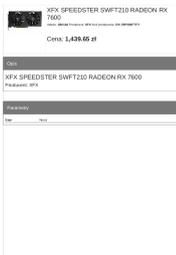www.xfxforce.com/support

When contacting support, please have your product model number (RX-96TMERCB9) and serial number ready.

Related Documents - RX-96TMERCB9

[XFX Speedster Series Z Support Bar Installation Guide](#)
Instructions for installing the XFX Speedster Series Z Support Bar, a component designed to protect your GPU and motherboard from vibration and damage.

[XFX GeForce 9300 Motherboard User Guide: Installation, Specifications, and BIOS Configuration](#)
Explore the XFX GeForce 9300 Motherboard with this comprehensive user guide. Learn about hardware installation, system specifications, BIOS settings, and connectivity options for building or upgrading your PC.

[XFX Swift AMD Radeon RX 9060 XT OC Triple Fan 16GB GDDR6 Graphics Card | RX-96TS316B7](#)
Podroben opis grafične kartice XFX Swift AMD Radeon RX 9060 XT OC Triple Fan Gaming Edition, ki vključuje 16 GB GDDR6 pomnilnika, vmesnik PCIe 5.0 in več izhode za zaslon. Vsebuje tehnične specifikacije, podatke o zmogljivosti in informacije o proizvajalcu.

[XFX AMD Radeon RX 5700 XT THICC III Ultra Graphics Card Specifications](#)
Detailed specifications for the XFX AMD Radeon RX 5700 XT 8G D6 THICC III Ultra graphics card, including clock speeds, memory, outputs, features, requirements, and dimensions.

[XFX Radeon RX 7800 XT Speedster QICK319 Graphics Card](#)
Detailed information about the XFX Radeon RX 7800 XT Speedster QICK319 graphics card by XFX, including its index, manufacturer code, price, and status.

XFX SPEEDSTER SWFT210 RADEON RX 7600

Cena: **1,439.65 zł**

Opis

XFX SPEEDSTER SWFT210 RADEON RX 7600
Producent: XFX

Parametry

[Karta graficzna XFX SPEEDSTER SWFT210 RADEON RX 7600 - Specyfikacja i Opis](#)

Szczegółowe informacje o karcie graficznej XFX SPEEDSTER SWFT210 RADEON RX 7600, w tym dane techniczne, opis produktu i cena.