

MSI G5060-8S2C

MSI Gaming RTX 5060 Shadow 2X OC Graphics Card User Manual

Model: G5060-8S2C

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your MSI Gaming RTX 5060 Shadow 2X OC Graphics Card. Please read this manual thoroughly before installation and retain it for future reference. This graphics card is designed to deliver a high-performance gaming experience, featuring NVIDIA Blackwell architecture and DLSS 4 technology.

2. Safety Information

- Always disconnect power from your computer before installing or removing any components.
- Wear an anti-static wrist strap to prevent electrostatic discharge (ESD) damage to components.
- Handle the graphics card by its edges to avoid touching sensitive components.
- Ensure proper ventilation within your computer case to prevent overheating.
- Do not attempt to repair the graphics card yourself. Refer to qualified service personnel.

3. Package Contents

Verify that all items are present in your package:

- MSI Gaming RTX 5060 Shadow 2X OC Graphics Card
- Quick Setup Guide



Image: The MSI Gaming RTX 5060 Shadow 2X OC Graphics Card shown alongside its retail packaging.

4. Product Overview

The MSI Gaming RTX 5060 Shadow 2X OC Graphics Card is engineered for optimal gaming performance. It features a dual-fan cooling system and robust construction to ensure stability and efficiency.

Key Features:

- Powered by the NVIDIA Blackwell architecture and DLSS 4 for advanced graphics and AI capabilities.
- SFF-Ready Enthusiast GeForce Card, suitable for various PC builds.
- **TORX Fan 5.0:** Fan blades linked by ring arcs work to stabilize and maintain high-pressure airflow for efficient cooling.
- **Nickel-plated Copper Baseplate:** Heat from the GPU and memory is swiftly captured by a nickel-plated copper baseplate and transferred effectively.
- **Core Pipes:** Feature a square design to maximize contact with the GPU baseplate for optimal thermal management.

Component Identification:



Image: Front view of the graphics card, highlighting the dual TORX Fan 5.0 cooling system.

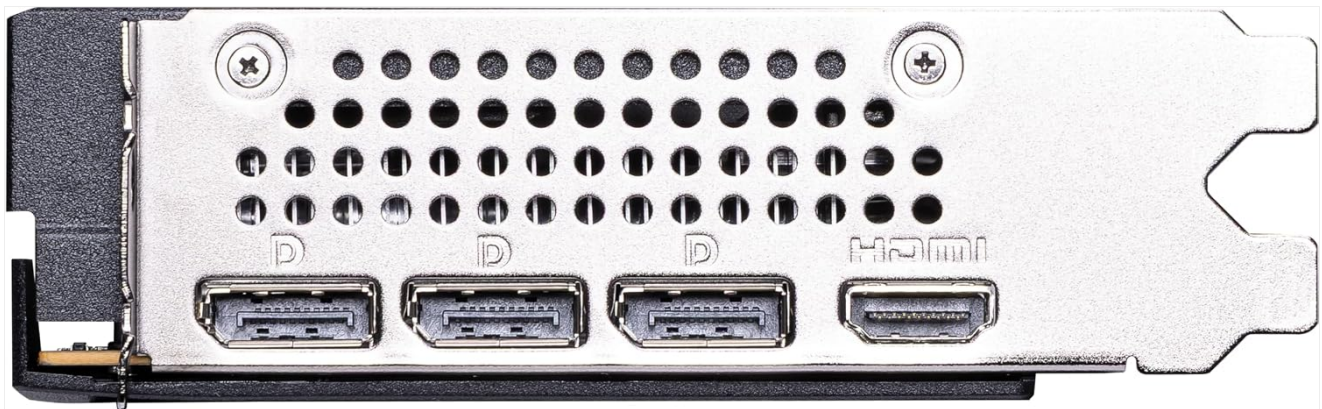


Image: Rear I/O panel, showing three DisplayPort 2.1a outputs and one HDMI 2.1b output.



Image: Side view of the graphics card, illustrating the power connector location.

5. Setup and Installation

Follow these steps to properly install your graphics card:

1. **Prepare Your System:** Turn off your computer and disconnect the power cable. Open your computer case.
2. **Locate PCIe Slot:** Identify an available PCI Express x16 slot on your motherboard.
3. **Remove Slot Covers:** Remove the necessary expansion slot covers from your computer case.
4. **Install Graphics Card:** Carefully align the graphics card with the PCIe slot and press it firmly until it is securely seated. Ensure the retention clip locks into place.
5. **Secure Card:** Fasten the graphics card to the case with screws.
6. **Connect Power:** Connect the appropriate PCIe power cables from your power supply to the graphics card's power connector(s). Refer to your power supply manual for correct cable identification.
7. **Close Case:** Close your computer case and reconnect the power cable.
8. **Connect Display:** Connect your monitor to one of the graphics card's display outputs (DisplayPort or HDMI).
9. **Install Drivers:** Power on your computer. Once the operating system loads, download and install the latest graphics drivers from the official MSI or NVIDIA website.

6. Operating Instructions

After successful installation and driver setup, your MSI Gaming RTX 5060 Shadow 2X OC Graphics Card is ready for use. The card will automatically manage its clock speeds and fan profiles based on workload and temperature. For advanced settings, such as overclocking or custom fan curves, utilize MSI's proprietary software (e.g., MSI Afterburner), available for download from the MSI website.

- Ensure your display is connected to the graphics card, not the motherboard's integrated graphics ports.
- Keep your graphics drivers updated for optimal performance and compatibility with the latest games and applications.
- Monitor system temperatures using software utilities to ensure stable operation, especially during extended gaming sessions.

7. Maintenance

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

- **Dust Removal:** Periodically clean dust from the graphics card's fans and heatsink using compressed air. Ensure the fans are held stationary during cleaning to prevent damage.
- **Airflow:** Maintain good airflow within your PC case by ensuring all case fans are functioning correctly and cables are neatly managed.
- **Driver Updates:** Regularly check for and install the latest graphics drivers from MSI or NVIDIA.
- **Software Monitoring:** Use monitoring software to keep an eye on GPU temperatures and fan speeds.

8. Troubleshooting

If you encounter issues, refer to the following common troubleshooting steps:

Problem	Possible Solution
No display output	Ensure the monitor cable is securely connected to the graphics card. Verify the graphics card is fully seated in the PCIe slot and power cables are connected. Check if your monitor is set to the correct input source.
System fails to boot	Confirm all power connections to the graphics card and motherboard are secure. Ensure your power supply unit (PSU) meets the minimum wattage requirements for your system with the new graphics card.

Problem	Possible Solution
Poor performance in games	Update graphics drivers to the latest version. Check in-game settings and reduce graphics quality if necessary. Monitor GPU temperature to ensure it's not overheating. Verify your CPU and RAM are not bottlenecking the GPU.
Fan noise is excessive	Clean dust from the fans and heatsink. Ensure proper case airflow. Consider adjusting fan curves using MSI Afterburner if temperatures are within safe limits.
Display artifacts or flickering	Update graphics drivers. Check the display cable for damage or loose connections. Test with a different display cable or monitor if possible.

9. Specifications

Detailed technical specifications for the MSI Gaming RTX 5060 Shadow 2X OC Graphics Card:

Feature	Detail
Model Number	G5060-8S2C
Graphics Coprocessor	NVIDIA GeForce RTX 5060
Graphics Processor Manufacturer	NVIDIA
Graphics RAM Size	8 GB GDDR7
Video Output Interface	DisplayPort (x3), HDMI (x1)
Product Dimensions	3 x 11 x 0.1 inches
Item Weight	1.9 pounds
Date First Available	May 19, 2025
Manufacturer	MSI

10. Warranty and Support

MSI products come with a limited warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official MSI website. For technical support, driver downloads, and further assistance, please visit the MSI support portal:

MSI Official Website: www.msi.com

Please have your product model number (G5060-8S2C) and serial number ready when contacting support.

11. Regulatory Compliance

This device complies with relevant regulatory standards. For specific compliance information, please refer to the documentation provided with the product or the MSI official website.