

maxsun RTX 5060 AiGA

User Manual: maxsun GeForce RTX 5060 AIGA OC Graphics Card

Model: RTX 5060 AiGA | Brand: maxsun

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your maxsun GeForce RTX 5060 AIGA OC Graphics Card. Designed for computer gaming PCs, this graphics card features the NVIDIA Blackwell architecture, DLSS 4, 8GB GDDR7 memory, PCIe 5.0 interface, and a unique ACGN Waifu Anime White GPU theme with ARGB lighting and an anime backplate. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.



Image: The maxsun GeForce RTX 5060 AIGA OC Graphics Card shown alongside its retail packaging, highlighting the anime-themed design.

SAFETY INFORMATION

Always observe the following safety precautions to prevent damage to the product or injury to yourself.

- Ensure your computer system is powered off and unplugged from the wall outlet before installing or removing the graphics card.
- Discharge any static electricity from your body by touching a grounded metal object (e.g., the computer chassis) before handling the card.
- Handle the graphics card by its edges to avoid touching sensitive components.
- Do not expose the graphics card to moisture or extreme temperatures.
- Keep out of reach of children.
- Refer to your PC's motherboard manual for specific PCIe slot and power supply requirements.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x maxsun GeForce RTX 5060 AiGA OC Graphics Card
- (Additional accessories such as driver CD, quick start guide, or power cables may vary by region and package. Please check your specific product box.)

SPECIFICATIONS

Feature	Detail
Brand	maxsun
Model Number	RTX 5060 AiGA
Graphics Coprocessor	NVIDIA GeForce RTX 5060
Graphics RAM Size	8 GB GDDR7
Bus Interface	PCIe 5.0
GPU Clock Speed	2580 MHz
AI Performance	614 AI TOPS
Video Output Interface	DisplayPort, HDMI
Product Dimensions	12.55 x 5.23 x 0.04 inches
Item Weight	2.96 pounds
Special Features	DLSS 4, ARGB Lighting, Anime Backplate



Image: Front view of the graphics card, showcasing its three cooling fans and white aesthetic.





Image: Angled view of the graphics card, highlighting its compact design and fan details.

SETUP AND INSTALLATION

1. Pre-Installation Checklist

- Power Supply:** Ensure your power supply unit (PSU) has sufficient wattage and the necessary PCIe power connectors (e.g., 8-pin or 6+2-pin) for the RTX 5060. Consult your PSU manual for details.
- Motherboard:** Verify your motherboard has an available PCIe 5.0 x16 slot. The card is backward compatible with PCIe 4.0/3.0 slots, but performance may be limited.
- Case Clearance:** Check your PC case for adequate space to accommodate the graphics card's dimensions (12.55 x 5.23 x 0.04 inches).
- Drivers:** Download the latest NVIDIA drivers for the RTX 5060 from the official NVIDIA website before installation, if possible, or after the physical installation.

2. Physical Installation

1. Prepare Your System:

Turn off your computer and unplug the power cord from the wall outlet. Open your computer case.

2. Locate PCIe Slot:

Identify an available PCIe x16 slot on your motherboard. Remove any expansion slot covers from your PC case that correspond to the graphics card's size (typically two or three slots).

3. Install the Graphics Card:

Carefully align the graphics card with the PCIe slot. Press down firmly and evenly until the card is securely seated in the slot. You should hear a click from the retention clip.



Image: Side view of the graphics card, revealing the heatsink fins and the integrated ARGB light strip.

4. Secure the Card:

Secure the graphics card to the PC case using the screws from the expansion slot covers you removed.

5. Connect Power Cables:

Connect the appropriate PCIe power cables from your power supply to the graphics card's power connectors. Ensure all connections are firm.

6. Close Case and Connect Peripherals:

Close your computer case. Reconnect your monitor to one of the graphics card's output ports (DisplayPort or HDMI) and plug in the power cord.



Image: Close-up of the graphics card's output panel, showing multiple DisplayPort and HDMI connections.

3. Driver Installation

1. Boot System:

Power on your computer. Windows should detect new hardware and may install a basic display driver. For optimal performance, a full driver installation is required.

2. Download Drivers:

Visit the official NVIDIA website (www.nvidia.com/drivers) and select your product: GeForce, RTX 50 Series, RTX 5060. Download the latest Game Ready Driver or Studio Driver, depending on your primary use (gaming vs. content creation).

3. Install Drivers:

Run the downloaded driver installer and follow the on-screen prompts. A custom installation is recommended to perform a clean installation, which removes previous driver versions.

4. Restart:

Restart your computer after the driver installation is complete.

OPERATING THE GRAPHICS CARD

Once installed and drivers are updated, your maxsun RTX 5060 AIGA OC is ready for use.

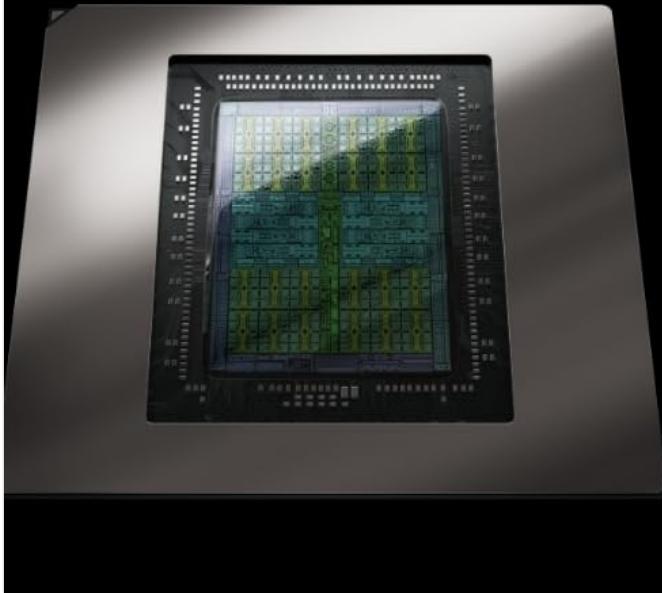
NVIDIA Technologies

- **DLSS 4 (Deep Learning Super Sampling):**

Leverages AI to boost frame rates while maintaining image quality. Enable DLSS in supported games' graphics settings for improved performance.

NVIDIA Blackwell Architecture

The Ultimate Platform for Gamers and Creators



Fifth-Gen Tensor Cores

Max AI performance with FP4 and DLSS 4

New Streaming Multiprocessors

Optimized for neural shaders

Fourth-Gen Ray Tracing Cores

Built for Mega Geometry

Image: Diagram illustrating the NVIDIA Blackwell Architecture, highlighting Fifth-Gen Tensor Cores, New Streaming Multiprocessors, and Fourth-Gen Ray Tracing Cores.

RTX. It's On.

The Ultimate in Ray Tracing and AI

RTX is the most advanced platform for full ray tracing and neural rendering technologies that are revolutionizing the ways we play and create. Over 700 games and applications use RTX to deliver realistic graphics and incredibly fast performance with cutting-edge AI features like DLSS Multi Frame Generation.

[Check Out the Latest RTX Games >](#)

Image: A collage of game titles and applications demonstrating the visual fidelity and performance benefits of NVIDIA RTX technologies, including Ray Tracing and AI.

- **Ray Tracing:**

Experience realistic lighting, shadows, and reflections in supported games. Enable Ray Tracing in game settings for enhanced visual fidelity.



Image: Left: A side-by-side comparison demonstrating the visual difference with RTX enabled versus disabled in a game. Right: Several screens displaying various scenes enhanced with ray tracing technology.

- **NVIDIA Broadcast & Studio Drivers:**

For streamers and content creators, NVIDIA Broadcast offers AI-powered voice and video effects. Studio Drivers provide enhanced stability and performance for creative applications. Download these tools via GeForce Experience or NVIDIA's website.

NVIDIA Powers the World's AI. And Yours.

Upgrade to advanced AI with NVIDIA GeForce RTX™ GPUs and accelerate your gaming, creating, productivity, and development. Thanks to built-in AI processors, you get world-leading AI technology powering your Windows PC.

Creators

Your Creative Advantage

NVIDIA Studio is your creative advantage. GeForce RTX 50 Series GPUs unlock transformative performance in video editing, 3D rendering, and graphic design. Experience RTX accelerations in top creative apps, world-class NVIDIA Studio drivers engineered and continually updated to provide maximum stability, and a suite of exclusive tools that harness the power of RTX for AI-assisted creative workflows.

Image: A visual representation of NVIDIA GPUs powering AI for both gaming and creative applications, showing a gaming setup and a video editing workstation.



Image: Left: Screenshot of the NVIDIA Broadcast application, showing options for microphone and camera effects. Right: A professional video editing software interface, demonstrating GPU acceleration for creative tasks.

ARGB Lighting Control

The maxsun RTX 5060 AIGA OC features Addressable RGB (ARGB) lighting on its side and backplate.

- **Software Control:**

To customize the ARGB lighting effects, you will typically need to use maxsun's proprietary software or a compatible motherboard's RGB control software (e.g., ASUS Aura Sync, MSI Mystic Light, Gigabyte RGB Fusion). Please refer to maxsun's official website for specific software downloads and instructions.



Image: Left: Detail of the ARGB light strip on the side of the graphics card. Middle: Promotional image highlighting the new iCraft AIGA RGB Backplate. Right: Full view of the graphics card's backplate featuring anime artwork and an illuminated logo.

MAINTENANCE

- **Cleaning:**

Periodically clean dust from the graphics card's fans and heatsink using compressed air. Ensure the system is powered off and unplugged before cleaning. Hold the fan blades gently to prevent them from spinning too fast during cleaning, which can damage the bearings.



Image: Left: Illustration of the graphics card's fan design, indicating a 20% improvement. Right: Internal view of the graphics card's heatsink and heat pipe structure, designed for efficient cooling.

- **Driver Updates:**

Regularly check for and install the latest NVIDIA drivers. Driver updates often include performance optimizations, bug fixes, and support for new games and applications.



Image: Left: A graphic representing a driver download. Right: Screenshot of the NVIDIA GeForce Experience application, which helps manage game settings and driver updates.

TROUBLESHOOTING

- **No Display Output:**

- Ensure the monitor cable is securely connected to the graphics card and the monitor.
- Verify that the PCIe power cables are correctly connected to the graphics card.
- Check if the graphics card is fully seated in the PCIe slot.
- Test with a different display cable or monitor if possible.

- **Driver Installation Issues:**

- Ensure you have uninstalled any previous graphics drivers (especially from different manufacturers) before installing new NVIDIA drivers. Use Display Driver Uninstaller (DDU) in Safe Mode for a clean removal.
- Temporarily disable antivirus software during driver installation.

- **ARGB Lighting Not Working/Incorrect:**

- Ensure any necessary ARGB cables (if applicable, though this card's ARGB is integrated) are connected.
- Install and use the correct maxsun or motherboard RGB control software.
- Check for software conflicts with other RGB control applications.

- **Performance Issues/Crashes:**

- Ensure your drivers are up to date.
- Monitor GPU temperatures using monitoring software (e.g., MSI Afterburner, HWMonitor) to check for overheating. Ensure proper case airflow.
- Verify your power supply unit (PSU) meets the minimum wattage requirements for the RTX 5060.

WARRANTY AND SUPPORT

Your maxsun GeForce RTX 5060 AIGA OC Graphics Card comes with a manufacturer's warranty. Please refer to the warranty information provided with your product packaging or visit the official maxsun website for detailed warranty terms and conditions.

For technical support, driver downloads, and frequently asked questions, please visit the official maxsun support page or contact their customer service.

- **Manufacturer Website:** www.maxsun.com.cn (Please note: Website availability and language may vary.)
- **NVIDIA Driver Downloads:** www.nvidia.com/drivers

Related Documents

 MS-Terminator B850M PRO DARK WIFI R1.1 版 (2025.01.11) http://www.maxsun.com Maxsun Technology Co., Ltd. 铭瑄 铭无止境	<p>MAXSUN MS-Terminator B850M PRO DARK WIFI Motherboard Specifications</p> <p>Detailed specifications and product information for the MAXSUN MS-Terminator B850M PRO DARK WIFI motherboard, featuring AMD AM5 socket, DDR5 memory support, PCIe 5.0, and Wi-Fi 6E.</p>
 MS-eSport B860M WIFI ACE Specification R1.0 版 (2024.07.01) http://www.maxsun.com Maxsun Technology Co., Ltd. 铭瑄 铭无止境	<p>Maxsun MS-eSport B860M WIFI ACE Motherboard Specifications</p> <p>Detailed technical specifications for the Maxsun MS-eSport B860M WIFI ACE motherboard, including CPU support, memory, storage, I/O ports, and connectivity.</p>
 MS-Challenger B850M-K R1.1 版 (2025.01.11) http://www.maxsun.com Maxsun Technology Co., Ltd. 铭瑄 铭无止境	<p>Maxsun MS-Challenger B850M-K Motherboard Product Specifications</p> <p>Detailed specifications for the Maxsun MS-Challenger B850M-K motherboard, including CPU support, chipset, memory, expansion slots, storage, networking, USB connectivity, audio, and rear panel I/O.</p>
 MS-PC Farm B760I / B760I V2 Specification R1.0 版 (2024.07.01) http://www.maxsun.com Maxsun Technology Co., Ltd. 铭瑄 铭无止境	<p>Maxsun MS-PC Farm B760I / B760I V2 Motherboard Manual - Specifications & Pinouts</p> <p>Detailed user manual for the Maxsun MS-PC Farm B760I and B760I V2 motherboards. Includes hardware specifications, mainboard layout, rear I/O descriptions, internal connector pin definitions, and ESD protection details.</p>