maxsun RTX 4060

maxsun GeForce RTX 4060 iCraft OC ACGN Limited Edition 8GB GDDR6 Graphics Card User Manual

MODEL: RTX 4060

Introduction

This manual provides essential information for the installation, operation, and maintenance of your maxsun GeForce RTX 4060 iCraft OC ACGN Limited Edition 8GB GDDR6 Graphics Card. Please read this manual thoroughly before proceeding with installation or use to ensure proper functionality and longevity of the product.

Image: The maxsun GeForce RTX 4060 iCraft OC ACGN Limited Edition 8GB GDDR6 Graphics Card shown with its retail packaging.

Video: Product Overview of the maxsun GeForce RTX 4060 iCraft OC ACGN Limited Edition GPU.

Specifications

- **Chipset:** GeForce RTX 4060
- **Memory:** 8GB GDDR6 128-bit memory interface
- **Architecture:** Powered by NVIDIA DLSS 3.5, ultra-efficient Ada Lovelace architecture, and full ray tracing
- **Output Ports:** DisplayPort x 3 (v1.4a) / HDMI 2.1 x 1
- **Digital Maximum Resolution:** 7680 x 4320
- **Design:** iCraft ACGN White GPU Theme with RGB and Anime Backplate

Detailed Specifications:

Feature	Detail
Product Dimensions	9.92 x 4.88 x 0.04 inches
Item Weight	2.68 pounds
Manufacturer	MAXSUN

Item Model Number	RTX 4060
Date First Available	August 3, 2023
Graphics Coprocessor	NVIDIA GeForce RTX 4060
Graphics RAM Size	8 GB
Video Output Interface	DisplayPort, HDMI
Graphics Processor Manufacturer	NVIDIA

Setup

Pre-installation Checklist:

- Ensure your power supply unit (PSU) has sufficient wattage and the necessary power connectors (e.g., 8-pin PCIe).
- Verify your PC case has adequate space for the graphics card dimensions (9.92 x 4.88 x 0.04 inches).
- Confirm your motherboard has an available PCI Express 4.0 x16 slot (the card operates at x8, but requires an x16 physical slot).

Physical Installation:

1. **Power Off:** Shut down your computer completely and unplug it from the power outlet.
2. **Open Case:** Remove the side panel of your PC case to access the motherboard.
3. **Locate PCIe Slot:** Identify an available PCI Express x16 slot on your motherboard.
4. **Remove Old GPU (if applicable):** If replacing an existing graphics card, carefully unlatch its retention clip, disconnect any power cables, and gently pull it out of the slot.
5. **Insert New GPU:** Align the maxsun RTX 4060 with the PCIe slot and press down firmly until it clicks into place. Ensure the retention clip locks the card.
6. **Secure GPU:** Use screws to fasten the graphics card to the PC case's expansion slot brackets.
7. **Connect Power:** Connect the required PCIe power cable(s) from your PSU to the graphics card.
8. **Close Case:** Reattach the side panel of your PC case.

Software Installation:

1. **Power On:** Plug in your computer and power it on.
2. **Install Drivers:** Once your operating system loads, download the latest NVIDIA GeForce drivers for the RTX 4060 from the official NVIDIA website. Follow the on-screen instructions to complete the driver installation.

Image: Rear view of the maxsun GeForce RTX 4060 iCraft OC ACGN Limited Edition 8GB GDDR6 Graphics Card, highlighting the DisplayPort and HDMI output ports.

Operating

First Use:

After successful driver installation, your operating system should recognize the graphics card. Connect your display to one of the available DisplayPort or HDMI ports on the card.

Display Connections:

The graphics card features 3 DisplayPort 1.4a outputs and 1 HDMI 2.1 output. Choose the appropriate port for your monitor or display device. HDMI 2.1 supports higher resolutions and refresh rates, including 4K at 120Hz or 8K at 60Hz, while DisplayPort 1.4a also supports high resolutions up to 8K.

RGB Lighting Control:

The iCraft ACGN Limited Edition GPU features Skylight RGB lighting. This can be controlled via a dedicated 'One-Press Switch' on the card itself, allowing you to cycle through various lighting modes such as RGB Breathing, Ice Blue, Ice White, or turn the lighting off.

Image: A diagram illustrating the Skylight RGB lighting feature with a 'One-Press Switch' and examples of lighting modes (RGB Breathing, Ice Blue, Ice White, Off).

Video: Official product video showcasing the MAXSUN RTX 4060 iCraft ACGN Limited Edition White Anime GPU.

Maintenance

Cleaning:

Regular cleaning helps maintain optimal performance and extends the lifespan of your graphics card. Use compressed air to gently remove dust from the fans, heatsink, and PCB. Ensure the computer is powered off and unplugged before cleaning.

Image: Front view of the maxsun GeForce RTX 4060 iCraft OC ACGN Limited Edition 8GB GDDR6 Graphics Card, highlighting the dual cooling fans.

Driver Updates:

Keep your NVIDIA GeForce drivers updated to ensure compatibility with the latest games and applications, and to benefit from performance optimizations and bug fixes. You can download the latest drivers from the official NVIDIA website.

Troubleshooting

No Display Output:

- **Check Cables:** Ensure all display cables (HDMI/DisplayPort) are securely connected to both the graphics card and the monitor.
- **Power Connections:** Verify that the PCIe power cables from the PSU are correctly plugged into the graphics card.
- **Monitor Input:** Confirm your monitor is set to the correct input source.
- **Reseat Card:** Power off your PC, unplug it, and carefully reseat the graphics card in its PCIe slot.

Performance Issues:

- **Driver Issues:** Ensure you have the latest NVIDIA drivers installed. Consider performing a clean installation of the drivers.
- **Overheating:** Monitor GPU temperatures using software. Ensure adequate airflow in your PC case and clean any dust from the graphics card.
- **System Bottlenecks:** Performance can be limited by other components like the CPU or RAM. Ensure your system meets the recommended specifications for your tasks.

Fan Noise/Overheating:

- **Dust Accumulation:** Clean the fans and heatsink as described in the Maintenance section.
- **Case Airflow:** Ensure your PC case has good airflow with properly configured intake and exhaust fans.
- **Fan Settings:** If using third-party software, check fan speed curves to ensure they are set appropriately for your temperature preferences.

Warranty and Support

For detailed warranty information and support, please refer to the official maxsun website or contact their customer service. Keep your proof of purchase for any warranty claims.

You can visit the maxsun Store on Amazon for additional product information and resources.