

EVGA 01G-P3-1731-KR

EVGA GeForce GT 730 Graphics Card User Manual

MODEL: 01G-P3-1731-KR

1. Introduction

The EVGA GeForce GT 730 graphics card is designed to enhance your PC's visual performance, offering improved capabilities for video and photo editing, web browsing, and gaming compared to integrated graphics solutions. This low-profile card provides DVI, HDMI, and VGA outputs, making it versatile for various display setups. This manual will guide you through the necessary steps to install and utilize your new graphics card effectively.



Image 1.1: The EVGA GeForce GT 730 graphics card shown with its retail packaging.

2. Package Contents

Please verify that all items are present in your package:

- EVGA GeForce GT 730 Graphics Card
- Instruction Manual (this document)
- Cables (if included with your specific model)
- Low Profile Brackets (for small form factor cases)



Image 2.1: Included low profile brackets for adapting the card to smaller PC cases.

3. Setup and Installation

3.1 System Requirements

- PCI Express x16 slot available
- Minimum 300W or greater power supply
- Compatible Operating System: Windows 10 (32/64-bit), Windows 8 (32/64-bit), Windows 7 (32/64-bit), Windows Vista (32/64-bit), Windows XP (32/64-bit)
- Minimum 1GB system memory

3.2 Hardware Installation

1. **Power Off and Disconnect:** Ensure your computer is completely powered off and unplugged from the wall outlet.
2. **Open PC Case:** Remove the side panel of your computer case to access the motherboard.
3. **Locate PCI Express Slot:** Identify an available PCI Express x16 slot on your motherboard.
4. **Remove Slot Cover:** Carefully remove the metal slot cover corresponding to the chosen PCI Express slot on

the back of your PC case. If installing in a low-profile case, attach the appropriate low-profile bracket to the card first.

5. **Insert Graphics Card:** Align the graphics card with the PCI Express slot and press down firmly until it is securely seated. A click may be heard if the slot has a locking mechanism.
6. **Secure Card:** Use a screw or retention clip to secure the graphics card to the PC case.
7. **Close PC Case:** Replace the side panel of your computer case.
8. **Reconnect and Power On:** Plug in all necessary cables and power on your computer.



Image 3.1: Angled view of the EVGA GeForce GT 730, showing its compact design.

3.3 Driver Installation

After hardware installation, you must install the graphics drivers for optimal performance. Drivers can be obtained from the official EVGA website or NVIDIA's website. It is recommended to download the latest stable drivers for your operating system.

1. **Download Drivers:** Visit the EVGA or NVIDIA support website and locate the drivers for the GeForce GT 730.
2. **Run Installer:** Execute the downloaded driver installer and follow the on-screen prompts.
3. **Restart Computer:** A system restart is typically required to complete the driver installation.

4. Operation

4.1 Key Features and Performance

The EVGA GeForce GT 730 is designed to provide a significant upgrade over integrated graphics. It offers:

- Enhanced video and photo editing capabilities.
- Faster web browsing experience.
- Improved gaming performance for a smoother and richer gameplay.
- Support for HD resolutions for videos and pictures.

4.2 Display Connections

The graphics card features multiple output ports to connect to various display devices:

- **DVI (Digital Visual Interface):** For digital displays.
- **HDMI (High-Definition Multimedia Interface):** For high-definition audio and video output to TVs and monitors.
- **VGA (Video Graphics Array):** For older analog monitors.



Image 4.1: Rear view of the graphics card displaying the DVI, HDMI, and VGA output ports.

5. Maintenance

To ensure the longevity and optimal performance of your EVGA GeForce GT 730 graphics card, consider the following maintenance tips:

- **Keep Clean:** Periodically clean dust from the heatsink and fan (if applicable) using compressed air. Ensure the computer is powered off and unplugged before cleaning.
- **Ensure Airflow:** Make sure your PC case has adequate airflow to prevent overheating. Avoid blocking ventilation openings.
- **Update Drivers:** Regularly check for and install the latest graphics drivers from EVGA or NVIDIA to benefit from performance improvements and bug fixes.

6. 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 graphics card is fully seated in the PCI Express slot.
- Check if your monitor is set to the correct input source (e.g., HDMI, DVI, VGA).
- Test with a different display cable or monitor if possible.

- **Driver Issues:**

- Uninstall existing graphics drivers using Display Driver Uninstaller (DDU) in Safe Mode, then perform a clean installation of the latest drivers.
- Ensure you have downloaded the correct drivers for your operating system (32-bit or 64-bit).

- **Poor Performance in Games/Applications:**

- Ensure your drivers are up to date.
- Check in-game graphics settings and reduce them if necessary.
- Monitor GPU temperatures to ensure it's not overheating.
- Verify your power supply meets the recommended 300W minimum.

- **System Instability/Crashes:**

- Ensure the card is properly seated and secured.
- Check for any conflicting software or drivers.
- Run a memory diagnostic to rule out RAM issues.

7. Technical Specifications

Feature	Specification
Model Number	01G-P3-1731-KR
Graphics Coprocessor	Nvidia GeForce GT 730

Memory Size	1 GB GDDR3
Memory Bit Width	64-bit
Memory Clock	1400 MHz Effective
Base Clock	700 MHz
CUDA Cores	96
Max Screen Resolution	4096x2160
Video Output Interface	DVI, HDMI, VGA
Item Weight	8 ounces
Product Dimensions	6.6 x 1.5 x 2.71 inches
Recommended PSU	300W or greater

8. Warranty and Support

EVGA provides comprehensive technical support for its products. For assistance with installation, troubleshooting, or any other inquiries, please contact EVGA's 24/7 technical support.

Additional resources, including the official user guide in PDF format, can be found on the EVGA support website or accessed directly via the following link: [EVGA GeForce GT 730 User Guide \(PDF\)](#).

Please refer to the official EVGA website for detailed warranty information specific to your region and product model.

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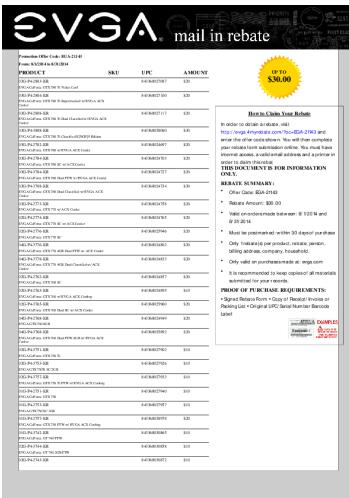
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