EVGA 02G-P3-2713-KR

EVGA GT 710 2GB DDR3 64bit Single Slot, Low Profile Graphics Card User Manual

Model: 02G-P3-2713-KR

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your EVGA GT 710 2GB DDR3 64bit Single Slot, Low Profile graphics card. Please read this manual thoroughly before installation and use to ensure proper functionality and to maximize the performance of your new graphics card. The EVGA GeForce GT 710 is designed to enhance your PC's visual performance, offering dedicated graphics processing for improved multimedia and display capabilities. It features 2GB of DDR3 memory and supports multiple display outputs.

2. WHAT'S IN THE BOX

Verify that all components listed below are included in your product packaging:

- EVGA GT 710 2 GB Graphics Card
- Driver CD
- Installation Guide
- Low Profile Bracket
- DVI-I to VGA Adapter
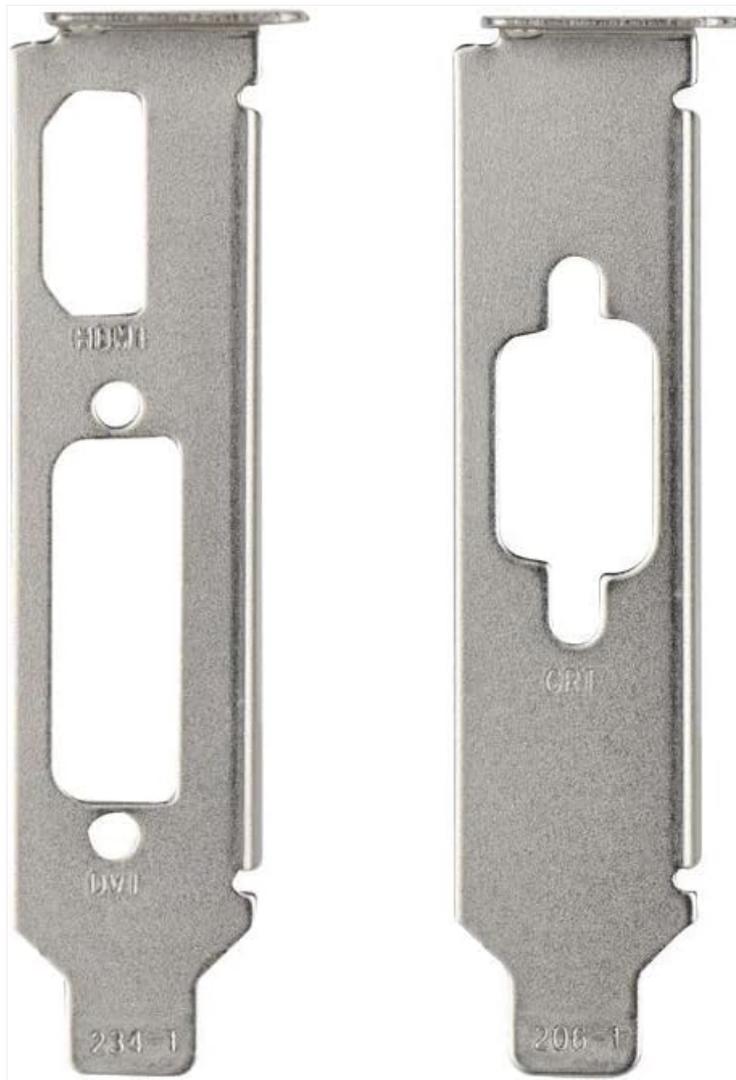
Image: The EVGA driver installation CD.

Image: Included low profile brackets for adapting the card to smaller form factor cases.

3. SETUP AND INSTALLATION

3.1 System Requirements

- PCI Express x16 slot on motherboard.
- Minimum 250W power supply with a +12V current rating of 20 Amps.
- Compatible operating system (Windows 10, 8.1, 8, 7, Vista, XP).
- At least 2GB of system RAM.

3.2 Hardware Installation

1. **Power Off and Disconnect:** Turn off your computer and unplug the power cord from the wall outlet.

2. **Open Computer 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:** Remove the metal slot cover corresponding to the chosen PCI Express slot.

5. **Install Graphics Card:** Carefully align the graphics card with the PCI Express slot and press down firmly until it is securely seated. Ensure the retention clip (if present) locks the card in place.

6. **Secure Card:** Fasten the graphics card to the computer case using the screw or latch mechanism.

7. **Low Profile Installation (Optional):** If installing in a small form factor case, replace the standard bracket on the card with the included low profile bracket. This typically involves removing small screws to detach the full-

height bracket and attaching the low-profile one.

8. **Close Case and Reconnect:** Replace the computer case side panel and reconnect all cables, including the power cord and monitor cables.

Image: The EVGA GT 710 graphics card, showing the fan and heatsink assembly.

Image: Rear view of the EVGA GT 710 graphics card, displaying VGA, HDMI, and DVI-D output ports.

3.3 Driver Installation

1. **Power On:** Turn on your computer. The operating system may detect new hardware and attempt to install generic drivers.

2. **Install from CD:** Insert the included driver CD into your optical drive and follow the on-screen instructions to install the NVIDIA drivers.

3. **Download Latest Drivers:** For optimal performance and compatibility, it is recommended to download the latest drivers directly from the official NVIDIA website or EVGA support page. Select your graphics card model

and operating system.

4. **Follow On-Screen Prompts:** Run the downloaded driver installer and follow the prompts. A system restart may be required after installation.

4. OPERATION

4.1 Connecting Displays

The EVGA GT 710 supports multiple display outputs, typically including VGA, HDMI, and DVI-D. Connect your monitor(s) to the appropriate ports on the graphics card. The included DVI-I to VGA adapter can be used if your monitor only supports VGA and you are connecting to the DVI-I port.
For multi-monitor setups, connect additional displays to the available ports. Your operating system's display settings will allow you to configure display modes such as extended desktop or duplicate displays.

4.2 NVIDIA Control Panel / GeForce Experience

After driver installation, you can access the NVIDIA Control Panel (usually via right-click on the desktop) to fine-tune display settings, resolution, color, and other graphics-related options. If installed, NVIDIA GeForce Experience provides additional features like game optimization and driver updates.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your graphics card.

- **Dust Removal:** Periodically clean dust from the graphics card's heatsink and fan using compressed air. Ensure the computer is powered off and unplugged before cleaning.
- **Airflow:** Ensure good airflow within your computer case. Keep cables tidy and ensure case fans are functioning correctly to prevent overheating.
- **Driver Updates:** Regularly check for and install the latest graphics drivers from NVIDIA or EVGA to benefit from performance improvements, bug fixes, and new features.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display output after installation.	Card not seated correctly, monitor cable loose, incorrect input selected on monitor, insufficient power.	Ensure the card is fully seated in the PCIe slot. Check all display cables. Verify monitor input selection. Confirm power supply meets minimum requirements.
Low performance or graphical glitches.	Outdated or incorrect drivers, overheating, conflicting software.	Install the latest drivers from NVIDIA/EVGA. Ensure proper case airflow and clean dust from the card. Check for background applications consuming resources.
Computer fails to boot.	Card not seated correctly, power supply issue, BIOS/UEFI settings.	Reseat the graphics card. Verify power supply connections. Check BIOS/UEFI settings for primary display output.

If you encounter persistent issues, refer to the EVGA support website or contact their technical support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Graphics Coprocessor	NVIDIA GeForce GT 710
RAM (Graphics Memory)	2048 MB DDR3
Memory Speed	1800 MHz
Interface	PCIe 2.0 x16
Max Screen Resolution	4096x2160
Video Output Interface	VGA, HDMI, DVI-D
Item Model Number	02G-P3-2713-KR
Item Weight	12.7 ounces (approx. 360 grams)
Product Dimensions (LxWxH)	4.5 x 2 x 2.71 inches (approx. 11.43 x 5.08 x 6.88 cm)
Total Power Draw	25 Watts
Minimum Recommended PSU	250 Watts (with 20 Amps on +12V rail)

8. WARRANTY AND SUPPORT

EVGA products are covered by a limited warranty. For detailed warranty information, product registration, and technical support, please visit the official EVGA website:

EVGA Support Website

It is recommended to register your product upon purchase to facilitate warranty claims and access support resources.