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EVGA 02G-P4-3757-KR

EVGA GeForce GTX 750 Ti FTW Graphics Card User Manual

Model: 02G-P4-3757-KR

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your EVGA GeForce GTX 750 Ti FTW graphics card. Please read this manual thoroughly before installation to ensure proper setup and optimal performance.

Key Features:

- EVGA "ACX" Cooling Technology
- Base Clock: 1189 MHz / Boost Clock: 1268 MHz
- Memory Clock: 5400 MHz Effective
- CUDA Cores: 640
- Memory Detail: 2048MB GDDR5
- Memory Bit Width 128 Bit / Memory Speed: 0.4ns / Memory Bandwidth: 86.4 GB/s
- Form Factor: Plug-in Card
- Recommended PSU: 400W or greater power supply



This image shows the EVGA GeForce GTX 750 Ti FTW graphics card, featuring dual fans and ACX cooling, alongside its product packaging. The box highlights '2GB GDDR5' and 'GPU Boost 2.0'.

PACKAGE CONTENTS

Please verify that all components are present in your package before proceeding with installation. If any items are missing or damaged, please contact EVGA support.

- EVGA GeForce GTX 750 Ti FTW Graphics Card
- Driver CD
- User Guide / Quick Installation Guide
- Power Adapter (if applicable)
- DVI to VGA Adapter (if applicable)
- EVGA Case Badge / Stickers



This image displays the typical accessories included with the graphics card: a driver and utility CD, a user guide, and EVGA branded stickers and case badges.



This image shows a DVI to VGA adapter and a dual-Molex to 6-pin PCIe power adapter cable, which may be included for compatibility with older monitors or power supplies.

SETUP AND INSTALLATION

System Requirements

- PCI Express or PCI Express 2.0/3.0 compliant motherboard with one x16 graphics slot.
- Minimum 400W or greater power supply with a minimum of 20A on the +12V rail.
- Minimum 2GB system memory.
- Microsoft Windows 10 / 8 / 7 / Vista / XP.
- CD-ROM/DVD-ROM drive or internet connection for driver installation.

Hardware Installation

1. Power off your computer and disconnect the power cable from the wall outlet.
2. Open your computer case.
3. Locate an available PCI Express x16 slot on your motherboard.
4. Remove the metal bracket(s) for the chosen slot from the back of your computer case.
5. Carefully insert the graphics card into the PCI Express x16 slot until it is fully seated. Apply even pressure.
6. Secure the card with the screw or retention clip provided by your computer case.
7. Connect any necessary PCIe power connectors from your power supply to the graphics card. (Note: This model typically does not require external power, but some system configurations or variants might).
8. Close your computer case and reconnect the power cable to the wall outlet.



This image provides a top-down view of the graphics card, highlighting its dual ACX cooling fans and the robust heatsink design, which efficiently dissipates heat.



This image displays the rear I/O panel of the graphics card, featuring a DVI-I port, an HDMI port, and a DisplayPort, allowing for multiple display configurations.

Driver Installation

1. Power on your computer.
2. Insert the driver CD into your optical drive, or download the latest drivers from the official EVGA or NVIDIA website.
3. Follow the on-screen instructions to complete the driver installation.
4. Restart your computer after installation is complete to apply the changes.

OPERATING THE GRAPHICS CARD

Once installed, the EVGA GeForce GTX 750 Ti FTW graphics card will automatically be detected by your operating system. For optimal performance and customization, utilize the provided software.

Display Configuration

Connect your monitor(s) to the appropriate display outputs (DVI-I, HDMI, DisplayPort) on the graphics card. Use the NVIDIA Control Panel (accessible via your desktop context menu or Windows Control Panel) to configure display settings, resolution, refresh rate, and multiple monitor setups.

Gaming and Performance

The card is designed for optimal gaming performance. Ensure your games are updated and use the NVIDIA GeForce Experience software to optimize game settings for the best balance of visual quality and frame rate. For advanced users, GPU overclocking can be managed through EVGA PrecisionX software, available for download from the EVGA website.

MAINTENANCE

Cleaning

Periodically clean the fans and heatsink of the graphics card to prevent dust buildup, which can impede cooling performance. Use compressed air to gently remove dust. Ensure the system is powered off and unplugged before cleaning.

Driver Updates

Regularly check for and install the latest graphics drivers from the official NVIDIA or EVGA website. Driver updates often include performance improvements, bug fixes, and compatibility enhancements for new games and applications.

TROUBLESHOOTING

No Display Output

- Ensure the monitor cable is securely connected to both the graphics card and the monitor.
- Verify that the graphics card is fully seated in the PCI Express slot.
- Check if the power supply is adequate and all necessary power connectors are attached to the card (if applicable).
- Test with a different monitor or cable if possible.

Driver Issues

- Perform a clean installation of the graphics drivers. Uninstall existing drivers before installing new ones.
- Download drivers directly from the official EVGA or NVIDIA website.

Performance Problems (Low FPS, Stuttering)

- Ensure your system meets the recommended specifications for the game or application.
- Check for overheating. Monitor GPU temperatures using software like EVGA PrecisionX.
- Verify that background applications are not consuming excessive system resources.
- Update your game and operating system.

System Instability / Crashes

- Ensure your power supply is stable and provides sufficient wattage.
- Check for proper ventilation within your computer case.
- If overclocking, revert to default settings to rule out instability.

SPECIFICATIONS

Feature	Detail
Model Number	02G-P4-3757-KR
GPU	NVIDIA GeForce GTX 750 Ti
Memory	2048MB GDDR5
Memory Clock	5400 MHz Effective
CUDA Cores	640
Base Clock	1189 MHz
Boost Clock	1268 MHz
Memory Bit Width	128 Bit
Memory Bandwidth	86.4 GB/s
Recommended PSU	400W or greater
Dimensions	9 x 1.5 x 4.4 inches
Output Ports	DVI-I, HDMI, DisplayPort



This image shows the front of the graphics card, emphasizing the 'FTW' (For The Win) branding and the dual fan design for efficient cooling.



A top-down perspective of the graphics card, highlighting the 'ACX Active Cooling Xtreme' branding along the side, indicating its advanced cooling solution.

WARRANTY AND SUPPORT

For detailed warranty information, technical support, and frequently asked questions, please refer to the official EVGA website or the documentation included with your product.

Online Resources:

- EVGA Support: <https://www.evga.com/support/>
- NVIDIA Drivers: <https://www.nvidia.com/drivers>

Safety Information

This product requires a power supply capable of providing 20A on the +12V rail, with a total power draw of 85W. Ensure your power supply meets these specifications to prevent damage or instability.

Legal Disclaimer

This product is sold as is. Please refer to EVGA's official terms and conditions for full details regarding product usage and liabilities.