

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [ZOTAC](#) /

> [ZOTAC GeForce GTX 1080 Ti AMP Edition Graphics Card Instruction Manual](#)

## ZOTAC ZT-P10810D-10P

# ZOTAC GeForce GTX 1080 Ti AMP Edition Graphics Card Instruction Manual

## INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your ZOTAC GeForce GTX 1080 Ti AMP Edition graphics card. This high-performance graphics card features the NVIDIA GeForce GTX 1080 Ti GPU with 11GB GDDR5X memory, built on the Pascal Architecture, and is designed for demanding gaming and professional applications, including Virtual Reality (VR).

## SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and system stability. Please follow these steps carefully.

### Package Contents

Before beginning, ensure all components are present:

- ZOTAC GeForce GTX 1080 Ti AMP Edition Graphics Card
- Quick Installation Guide
- Driver CD (includes GeForce Experience Drivers, FireStorm, Boost Premium, and Manual)
- Power adapter cables (if applicable)

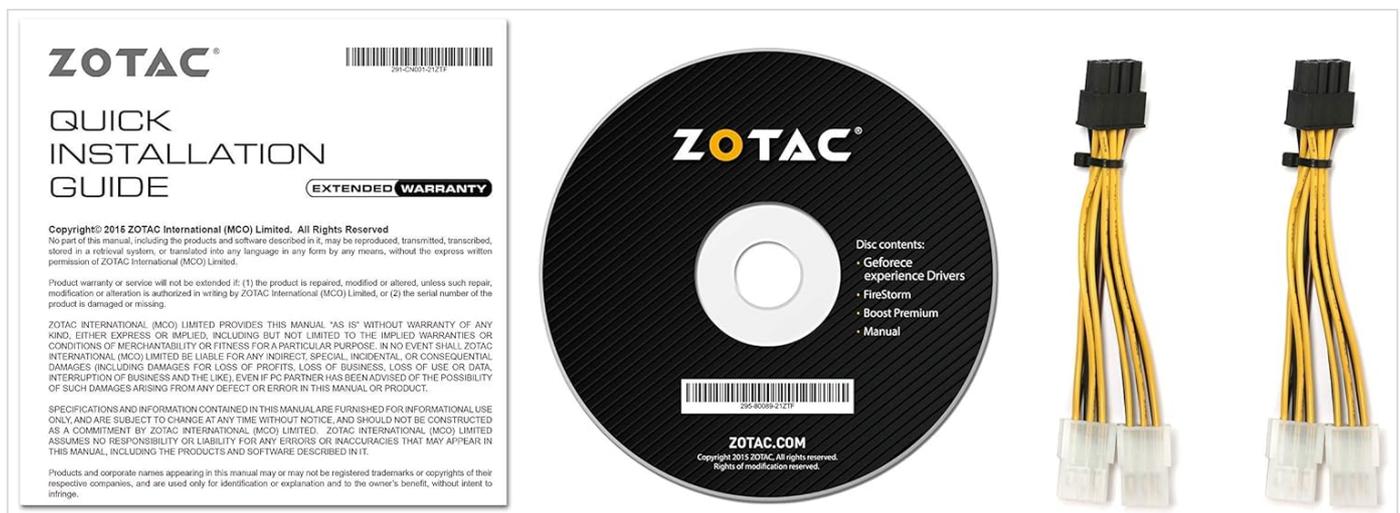


Image: ZOTAC Quick Installation Guide and Driver CD. This image shows the included Quick Installation Guide booklet, a ZOTAC branded driver CD, and two 6-pin to 8-pin PCIe power adapter cables.

## Hardware Installation Steps

1. **Prepare Your System:** Power off your computer completely and unplug the power cord from the wall outlet. Open your computer case.
2. **Locate PCIe Slot:** Identify an available PCI Express x16 slot on your motherboard.
3. **Remove Slot Cover:** Remove the metal slot cover(s) from the back of your computer case corresponding to the chosen PCIe slot.
4. **Insert Graphics Card:** Carefully align the graphics card with the PCIe slot and press down firmly until it is securely seated. Ensure the retention clip on the PCIe slot locks into place.
5. **Secure the Card:** Use screws to fasten the graphics card bracket to the computer case.
6. **Connect Power Cables:** Connect the required PCIe power cables from your power supply unit (PSU) to the graphics card. The ZOTAC GeForce GTX 1080 Ti AMP Edition typically requires two 8-pin PCIe power connectors. Ensure these are fully seated.
7. **Close Case:** Close your computer case and reconnect the power cord to the wall outlet.



Image: Front view of the ZOTAC GeForce GTX 1080 Ti AMP Edition graphics card, showcasing its dual fan cooling system and dark shroud design.

## Software Installation

1. **Connect Display:** Connect your monitor to one of the graphics card's output ports (DisplayPort, HDMI, or DVI).
2. **Power On:** Turn on your computer.
3. **Install Drivers:** Once your operating system loads, install the graphics drivers. You can use the included driver CD

or download the latest drivers directly from the official ZOTAC or NVIDIA website for optimal performance and compatibility.

## OPERATING THE GRAPHICS CARD

---

Once installed, your graphics card will automatically handle graphics processing for your system. Here are key aspects of its operation:

### Display Connections

The ZOTAC GeForce GTX 1080 Ti AMP Edition offers multiple display outputs:

- 3x DisplayPort (version 1.4)
- 1x HDMI (2.0b)
- 1x DL-DVI-D

You can connect multiple monitors simultaneously, depending on your operating system and driver configuration. The maximum supported digital resolution is 7680x4320.





Image: Rear view of the ZOTAC GeForce GTX 1080 Ti AMP Edition graphics card, showing the various display output ports including DisplayPort, HDMI, and DVI.

## Software Utilities

The included driver CD and ZOTAC's website provide access to utilities like NVIDIA GeForce Experience and ZOTAC FireStorm. These tools allow you to:

- Optimize game settings for the best performance and visual quality.
- Update drivers to the latest versions.
- Monitor GPU performance and temperatures.
- Adjust fan speeds and potentially overclock the card (use with caution).

## MAINTENANCE

---

Regular maintenance helps ensure the longevity and consistent performance of your graphics card.

- **Driver Updates:** Periodically check for and install the latest graphics drivers from NVIDIA or ZOTAC's official website. Driver updates often include performance improvements, bug fixes, and compatibility enhancements.
- **Dust Removal:** Over time, dust can accumulate on the fans and heatsink, reducing cooling efficiency. Gently clean the fans and heatsink with compressed air every few months. Ensure the system is powered off and unplugged before cleaning.
- **Airflow:** Ensure your computer case has adequate airflow to prevent overheating. Keep the area around your PC clear of obstructions.

## TROUBLESHOOTING

---

If you encounter issues with your graphics card, consider the following troubleshooting steps:

- **No Display Output:**

- Ensure the monitor is connected to the graphics card, not the motherboard's integrated graphics port.
- Verify all power cables are securely connected to the graphics card and power supply.
- Reseat the graphics card in its PCIe slot.
- Test with a different display cable or monitor if possible.

- **Driver Issues:**

- Perform a clean installation of the latest drivers. Uninstall existing drivers before installing new ones.
- If issues persist, try an older, stable driver version.

- **Overheating/Performance Drops:**

- Check for dust accumulation on the fans and heatsink and clean if necessary.
- Ensure proper case ventilation.
- Monitor GPU temperatures using software like ZOTAC FireStorm or MSI Afterburner.

- **System Instability/Crashes:**

- Ensure your power supply unit (PSU) meets the minimum wattage requirements for your system, including the graphics card.
- Check for any conflicting software or background processes.

## SPECIFICATIONS

---

Key technical specifications for the ZOTAC GeForce GTX 1080 Ti AMP Edition graphics card:

Feature	Specification
Graphics Coprocessor	NVIDIA GeForce GTX 1080 Ti
Brand	ZOTAC
Graphics RAM Size	11 GB GDDR5X
Video Output Interface	3x DisplayPort (1.4), 1x HDMI (2.0b), 1x DL-DVI-D
Graphics Processor Manufacturer	NVIDIA
Memory Clock Speed	11264 MHz
Compatible Devices	Desktop
Maximum Display Resolution	7680x4320
Graphics Card Interface	PCI Express
Model Name	GTX 1080 Ti
UPC	034722590099

## WARRANTY INFORMATION

---

This ZOTAC GeForce GTX 1080 Ti AMP Edition graphics card is a Certified Refurbished product. It is tested and certified to look and work like new. The refurbishing process includes functionality testing, basic cleaning, inspection, and repackaging. It comes with a minimum **90-day limited warranty**. Please refer to the specific warranty terms provided at the time of purchase for full details.

## SUPPORT

---

For further assistance, including driver downloads, frequently asked questions, and technical support, please visit the official ZOTAC website. You can also refer to the NVIDIA support resources for general GPU-related inquiries.

