

## NEOLOGIC TITAN

# NEOLOGIC TITAN ATX Gaming PC Case User Manual

Model: NLTITN

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## 1. INTRODUCTION

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This manual provides essential instructions for the installation, operation, and maintenance of your NEOLOGIC TITAN ATX Gaming PC Case. Please read this manual thoroughly before beginning assembly to ensure proper setup and safe usage. Retain this manual for future reference.

## 2. SAFETY INFORMATION

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Observe the following safety guidelines to prevent damage to the product or injury to yourself:

- Always disconnect the power supply from the wall outlet before installing or removing any components.
- Wear an anti-static wrist strap when handling internal components to prevent electrostatic discharge (ESD) damage.
- Handle tempered glass panels with care. They are fragile and can break if dropped or subjected to impact.
- Keep small parts and screws away from children.
- Ensure proper ventilation around the case to prevent overheating.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- NEOLOGIC TITAN ATX Gaming PC Case
- Accessory box (screws, cable ties, standoffs)
- User Manual (this document)
- 3x 120mm RGB Front Fans (pre-installed)

## 4. PRODUCT OVERVIEW

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The NEOLOGIC TITAN case features a robust design with tempered glass panels and efficient cooling capabilities.



Figure 4.1: Front-side view of the NEOLOGIC TITAN ATX Gaming PC Case, showcasing the tempered glass panels and illuminated RGB fans.



Figure 4.2: Direct front view of the NEOLOGIC TITAN PC Case, highlighting the three 120mm RGB fans behind the tempered glass panel.



Figure 4.3: Interior view of the NEOLOGIC TITAN PC Case, showing ample space for motherboard, GPU, and cooling solutions. Note the pre-installed RGB fans.



Figure 4.4: Close-up of the front panel access on the NEOLOGIC TITAN PC Case, demonstrating how the front glass panel can be opened for maintenance or fan installation.

## Front Panel I/O

- Power Button
- Reset Button
- 2x USB 2.0 Ports
- 1x USB 3.0 Port
- HD Audio Jacks (Headphone/Microphone)
- RGB Control Button

## 5. SETUP AND INSTALLATION

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Follow these steps for proper component installation.

### 5.1 Preparing the Case

1. Place the case on a flat, stable surface.
2. Carefully remove the side tempered glass panel by unscrewing the thumb screws at the rear and gently pulling the panel away.
3. Remove the rear metal side panel.

## 5.2 Motherboard Installation

1. Install the I/O shield into the motherboard cutout at the rear of the case.
2. Align your ATX, Extended ATX, Micro ATX, or Mini ITX motherboard with the pre-installed standoffs.
3. Secure the motherboard using the provided screws.

## 5.3 Power Supply Installation

1. Position the power supply unit (PSU) in the dedicated compartment at the bottom rear of the case.
2. Secure the PSU with screws from the rear of the case.

## 5.4 Storage Drive Installation

The case supports multiple storage drives.

- **2.5" SSDs:** Mount SSDs to the designated brackets behind the motherboard tray.
- **3.5" HDDs:** Install HDDs into the drive cage located beneath the PSU shroud.

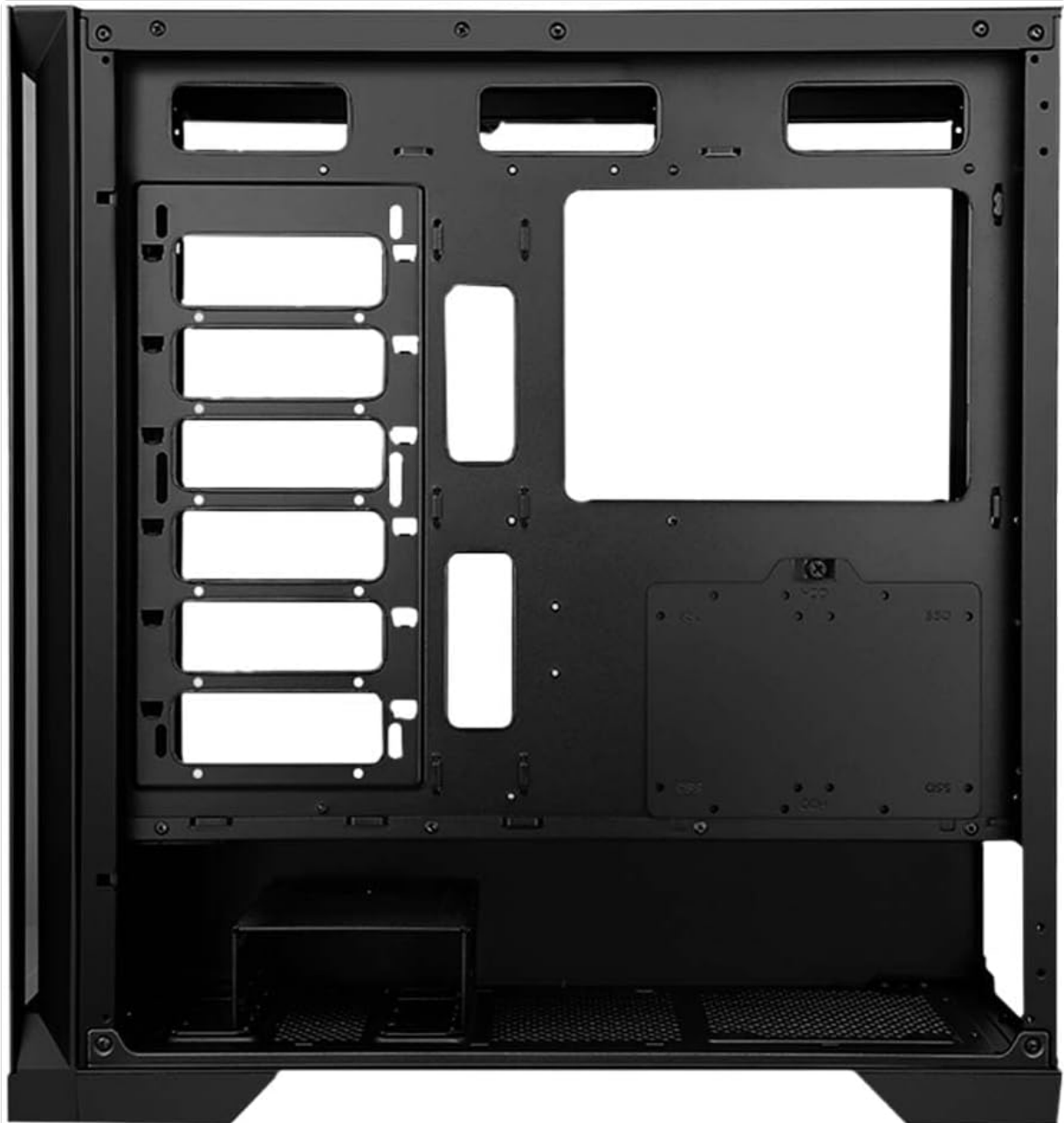


Figure 5.4: Rear interior view of the NEOLOGIC TITAN PC Case, illustrating the motherboard tray and cable management space, including SSD mounting points.

## 5.5 Graphics Card (GPU) Installation

1. Remove the necessary PCIe slot covers from the rear of the case.
2. Insert the graphics card into the appropriate PCIe slot on the motherboard.
3. Secure the graphics card with screws. The case supports GPUs up to 320mm in length.

## 5.6 Cable Management

Utilize the 28mm of space behind the motherboard tray and the integrated cable routing cutouts to organize cables. This improves airflow and aesthetics.

## 5.7 Connecting Front Panel I/O

Connect the front panel cables (USB 2.0, USB 3.0, HD Audio, Power, Reset, RGB) to their corresponding headers on your motherboard. Refer to your motherboard manual for specific header locations.

## 6. OPERATING INSTRUCTIONS

## 6.1 Powering On

After all components are installed and cables connected, plug the power supply into a wall outlet and press the power button on the front panel of the case.

## 6.2 RGB Fan Control

The pre-installed RGB fans can be controlled directly from the case using the dedicated RGB control button on the front panel. Press the button to cycle through various lighting modes and colors.



Figure 6.2: An example of a complete PC setup featuring the NEOLOGIC TITAN case, demonstrating its aesthetic integration into a gaming environment.

## 7. MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your PC components.

### 7.1 Cleaning the Case

- Use a soft, damp cloth to wipe down exterior surfaces. Avoid abrasive cleaners.
- For tempered glass panels, use a glass cleaner and a microfiber cloth.
- Use compressed air to remove dust from inside the case and from fan blades.

### 7.2 Dust Filter Maintenance

The NEOLOGIC TITAN case includes removable dust filters to prevent dust buildup. Regularly clean these filters:

1. Locate and remove the dust filters (e.g., top, bottom, front).
2. Clean them with water and mild soap, or use compressed air.
3. Ensure filters are completely dry before re-installing.

## 8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
PC does not power on	Power cables not connected; faulty PSU; front panel power switch not connected to motherboard.	Check all power connections; test PSU; ensure front panel headers are correctly connected to motherboard.
RGB fans not lighting up	RGB cables not connected; faulty fan controller; incorrect RGB mode selected.	Verify RGB connections to the controller/motherboard; press the RGB control button on the front panel to cycle modes.
Poor airflow/high temperatures	Dust buildup; incorrect fan orientation; insufficient fans.	Clean dust filters and interior; ensure fans are oriented for optimal intake/exhaust; consider adding more fans or a liquid cooler.

## 9. SPECIFICATIONS

Feature	Detail
Model Name	TITAN
Case Type	Mid-Tower
Material	Tempered Glass (Front & Side), Steel (Chassis 0.7mm)
Color	Black
Motherboard Compatibility	ATX, Extended ATX, Micro ATX, Mini ITX
Pre-installed Fans	3x 120mm RGB Front Fans
Fan Support	Up to 10x 120mm fans total
Radiator Support	Front: 240/280mm; Rear: 120mm; Top: up to 360mm
GPU Clearance	Up to 320mm
CPU Cooler Height	Up to 160mm
Drive Bays	2.5" SSD, 3.5" HDD (specific quantities may vary, refer to product packaging)
Front I/O Ports	2x USB 2.0, 1x USB 3.0, HD Audio, RGB Control Button
Cable Management Space	28mm

## 10. WARRANTY AND SUPPORT

### 10.1 Warranty Information

NEOLOGIC products are covered by a limited warranty. Please refer to the warranty card included with your product or visit the official NEOLOGIC website for detailed warranty terms and conditions. Keep your proof

of purchase for warranty claims.

## **10.2 Technical Support**

For technical assistance, troubleshooting, or product inquiries, please contact NEOLOGIC customer support through their official website or the contact information provided on your product packaging.