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## Phanteks XT View Matrix

# Phanteks XT View Matrix Mid-Tower ATX Gaming PC Case User Manual

Model: XT View Matrix

## 1. PRODUCT OVERVIEW

The Phanteks XT View Matrix is a mid-tower ATX gaming PC case designed for high-performance builds. It features a customizable 600-LED Matrix Display, dual tempered glass panels, and support for rear-connector motherboards. The case includes three D-RGB fans for efficient cooling and offers extensive compatibility for modern hardware.

### Key Features:

- **600-LED Matrix Display:** A fabric-covered screen for dynamic lighting, system statistics, and custom animations.
- **Rear-Connector Motherboard Support:** Designed for back-connector ATX mainboards to facilitate a clean, cable-free interior.
- **Dual Tempered-Glass Panels:** Front and side tempered-glass windows to showcase internal components.
- **High-Airflow Cooling:** Pre-equipped with 3x M25-120mm D-RGB fans, supporting up to 9x 120mm fan positions.
- **Optimized Liquid-Cooling Layout:** Supports top-mount 360mm radiators.
- **Full-Size GPU Compatibility:** Accommodates large modern graphics cards.

## 2. SETUP AND INSTALLATION

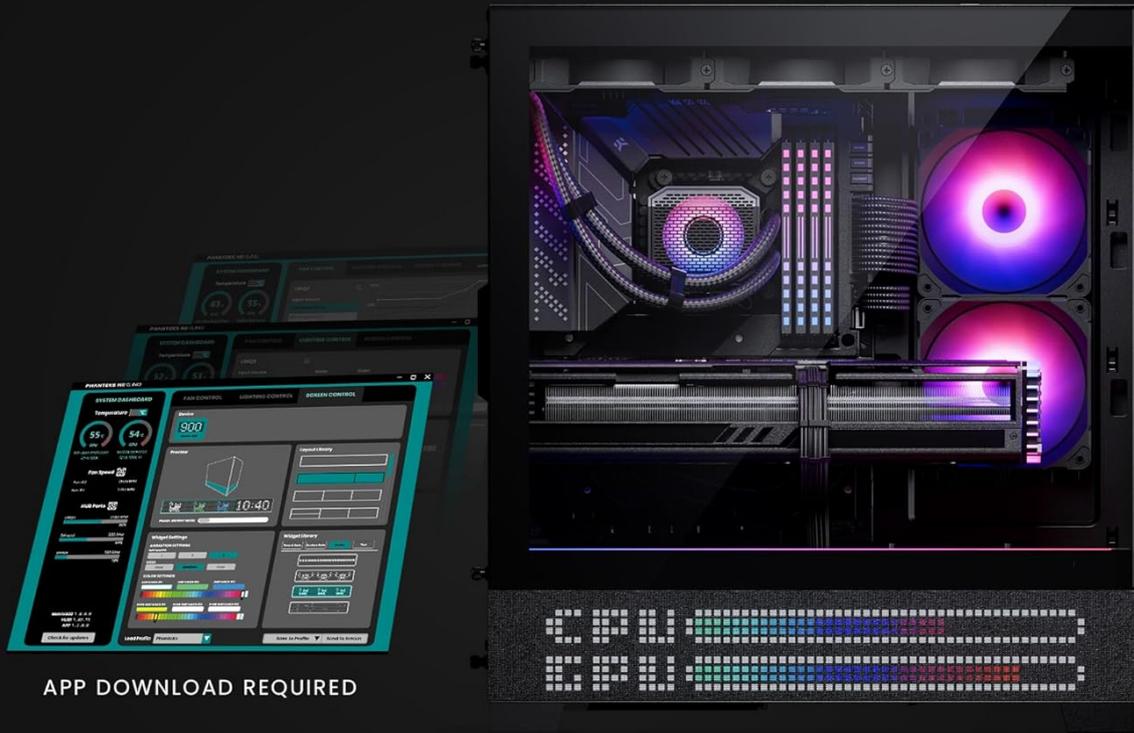
Before beginning installation, ensure all components are compatible and you have the necessary tools. Refer to your motherboard and component manuals for specific installation instructions.

### 2.1. Preparing the Case

Carefully unpack the Phanteks XT View Matrix case. Remove the tempered glass side panels by unscrewing the thumb screws at the rear and gently sliding them off. Store them safely to prevent damage.

# CUSTOMIZABLE 600 LED MATRIX SCREEN BEHIND PREMIUM FABRIC PANELS

DYNAMIC SYSTEM STATS, ANIMATIONS, AND PERSONALIZED VISUALS  
WITH THE **PHANTEKS NEXLINQ APP**



APP DOWNLOAD REQUIRED

**PHANTEKS**

\* IMAGE FOR REFERENCE ONLY

Image: Phanteks XT View Matrix PC Case with the side panel removed, showing the internal layout and fan mounts.

## 2.2. Motherboard Installation

Install the motherboard standoffs if not pre-installed. Carefully align your ATX, Micro ATX, or Mini ITX motherboard with the standoffs and secure it with screws. For rear-connector motherboards, ensure proper alignment with the case's cutouts for a clean setup.

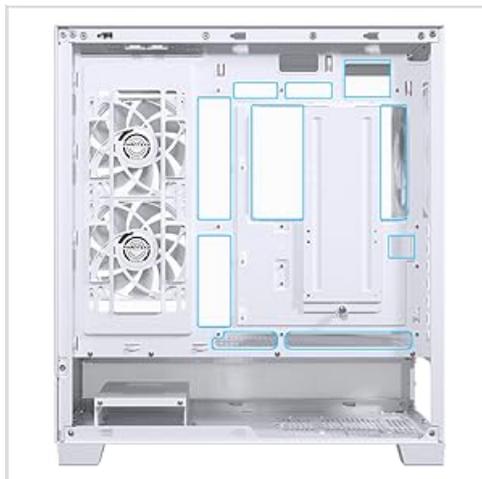


Image: Internal view of the Phanteks XT View Matrix case, highlighting the motherboard tray and designated areas for rear-connector mainboards and PSU support.

### 2.3. Power Supply Unit (PSU) Installation

Install the PSU into its designated compartment, typically at the bottom rear of the case. Secure it with screws. Route power cables through the cable management cutouts.

### 2.4. Storage Drive Installation

The case supports 3.5" HDDs and 2.5" SSDs. Mount your storage drives into the available drive bays or mounting points. Refer to the case's internal layout for specific locations.



Image: Internal view of the Phanteks XT View Matrix case, illustrating the locations for 3.5" HDDs and 2.5" SSDs, along with the power supply area.

### 2.5. Graphics Card (GPU) Installation

Install your graphics card into the appropriate PCIe slot on your motherboard. The case offers ample clearance for large GPUs. Ensure it is securely seated and fastened.



Image: A Phanteks XT View Matrix case showcasing a large graphics card installed, demonstrating compatibility with high-end hardware.

### 2.6. Cooling System Installation (Fans & Radiators)

The case comes with three pre-installed D-RGB fans. Additional fans (up to 9x 120mm) or liquid cooling radiators can be installed. The top panel supports up to a 360mm radiator.



Image: Phanteks XT View Matrix case illustrating high airflow cooling, including the three included 120mm D-RGB fans and various fan/radiator mounting positions.

## 2.7. Connecting Front I/O Cables

Connect the front I/O cables (USB 3.2 Gen2 Type-C, USB 3.0, audio, power, reset, and D-RGB lighting controls) to the corresponding headers on your motherboard. Ensure correct polarity for power and reset switches.



Image: Close-up view of the Phanteks XT View Matrix's easy accessible front I/O panel, featuring USB-C 3.2 Gen2, USB 3.0, power/reset buttons, and lighting controls.

## 3. OPERATION

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### 3.1. Powering On

After all components are installed and cables connected, replace the side panels. Connect your monitor, keyboard, mouse, and power cable. Press the power button on the front I/O panel to start your system.

### 3.2. 600-LED Matrix Display Control

The integrated 600-LED Matrix Display can be customized for dynamic lighting, system statistics, and personalized visuals. To fully utilize its features, download and install the Phanteks Nexling app.



Image: The Phanteks XT View Matrix case displaying dynamic system stats and animations on its 600-LED Matrix screen, alongside a visual representation of the Phanteks Nexling app interface.

### 3.3. Customizing the Matrix Display

Using the Phanteks Nexling app, you can:

- Select from an expanded widget library of presets.
- Create your own custom designs and animations using the Matrix Editor.
- Display real-time system information such as CPU/GPU usage, fan speeds, and time.



Image: Various examples of customizable displays on the Phanteks XT View Matrix's LED Matrix, including text, system stats, and pixel art, created using the Nexling app's Matrix Editor.

### 3.4. Front I/O Port Usage

The front I/O panel provides convenient access to:

- **USB-C 3.2 Gen2:** For high-speed data transfer with compatible devices.
- **USB 3.0:** For connecting standard USB devices.
- **Mic/Headphone Jack:** For audio input and output.

- **Lighting Control Buttons:** To cycle through D-RGB lighting modes without software.

## 4. MAINTENANCE

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

### 4.1. Dust Filter Cleaning

The Phanteks XT View Matrix case is equipped with dust filters to prevent dust buildup. Periodically remove and clean these filters. Gently brush off accumulated dust or rinse with water and allow them to dry completely before reinstallation.

### 4.2. Interior Cleaning

With the system powered off and unplugged, carefully open the side panels. Use compressed air to remove dust from internal components such as fans, heatsinks, and the motherboard. Avoid touching components directly.

### 4.3. Tempered Glass Care

Clean the tempered glass panels with a soft, lint-free cloth and a mild glass cleaner. Avoid abrasive materials that could scratch the glass.

## 5. TROUBLESHOOTING

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This section addresses common issues you might encounter with your PC case.

### 5.1. System Not Powering On

- **Check Power Connections:** Ensure the PSU is properly connected to the wall outlet and the motherboard (24-pin ATX, 8-pin CPU) and graphics card.
- **Front Panel Connectors:** Verify that the power switch cable from the front I/O panel is correctly connected to the motherboard's front panel header.
- **PSU Switch:** Confirm the power switch on the back of the PSU is in the "ON" position.

### 5.2. Fans Not Spinning or D-RGB Not Lighting Up

- **Fan Connections:** Ensure all fan cables are securely connected to the motherboard fan headers or a fan controller.
- **D-RGB Connections:** Verify that the D-RGB cables are correctly connected to the motherboard's D-RGB header or the case's integrated D-RGB controller.
- **Software/Buttons:** If using the Phanteks Nexling app, check its settings. If using physical buttons, try cycling through modes.

### 5.3. Front I/O Ports Not Functioning

- **USB/Audio Headers:** Check that the USB 3.0, USB-C, and audio cables from the front I/O panel are correctly connected to their respective headers on the motherboard.
- **Driver Installation:** Ensure all necessary motherboard drivers, especially for USB and audio, are installed.

## 6. SPECIFICATIONS

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Feature	Detail
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Brand	Phanteks
Model Name	XT View Matrix
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro ATX, Mini ITX
Color	Charcoal Black
Material	ABS Plastic, Alloy Steel, Polyester Fabric, Tempered Glass Window
Item Dimensions (D x W x H)	17.32"D x 9.06"W x 19.69"H
Item Weight	17.5 Pounds
Internal Bays Quantity	7 (for 3.5" HDD and 2.5" SSD)
Total USB 3.0 Ports	1
USB-C 3.2 Gen2 Ports	1
Included Fans	3x M25-120mm D-RGB Fans
Cooling Method	Air, Water
Special Features	600 LED Matrix Display, Tempered Glass Window, Rear-Connector Ready

## 7. WARRANTY INFORMATION

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This product comes with a manufacturer's warranty. For detailed information regarding warranty terms, conditions, and duration, please refer to the official Phanteks website or contact their customer support. Please retain your proof of purchase for warranty claims.

*Warranty Description: 1 year (as per product specifications)*

## 8. CUSTOMER SUPPORT

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For technical assistance, troubleshooting, or further inquiries, please visit the official Phanteks website or contact their customer support team. You can typically find support resources, FAQs, and contact information on their website.

**Phanteks Official Website:** [www.phanteks.com](http://www.phanteks.com)