

[Manuals.plus](#) /

> [Phanteks](#) /

> Phanteks XT View Matrix Mid-Tower Gaming Case Instruction Manual

Phanteks XT View Matrix

Phanteks XT View Matrix Mid-Tower Gaming Case Instruction Manual

Model: XT View Matrix

1. INTRODUCTION

The Phanteks XT View Matrix is a high-performance mid-tower gaming case designed for enthusiasts. It features an immersive 600 LED Matrix screen, dual tempered glass panels, and optimized airflow for superior cooling. This manual provides essential information for the proper installation, operation, and maintenance of your new PC case.



Image 1.1: The Phanteks XT View Matrix Mid-Tower Gaming Case, showcasing its white exterior and vibrant RGB fans visible through the tempered glass panels.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating this product. Failure to do so may result in injury or damage to the product.

- Always disconnect the power supply from the wall outlet before performing any installation or maintenance.
- Avoid exposing the case to moisture or extreme temperatures.
- Handle tempered glass panels with care to prevent breakage.
- Keep small components and tools away from children.
- Ensure proper grounding to prevent electrical hazards.

3. INSTALLATION GUIDE

This section outlines the steps for installing your PC components into the Phanteks XT View Matrix case.

3.1. Preparing the Case

Remove the side panels by unscrewing the thumbscrews at the rear of the case and gently sliding the panels off. For tempered glass panels, exercise caution.

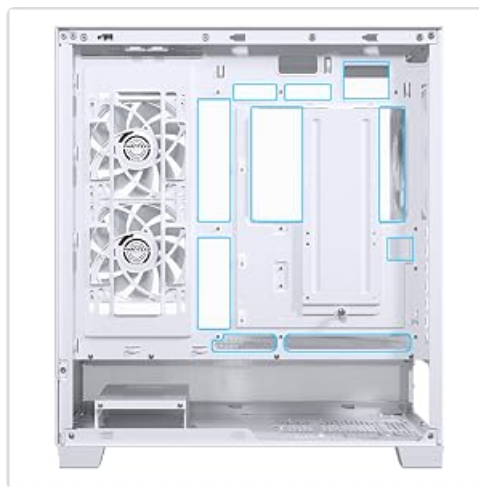


Image 3.1: Internal view of the case, highlighting various mounting points for components such as fans, storage drives, and cable management routes.

3.2. Motherboard Installation

1. Install the I/O shield into the rear opening of the case.
2. Align your motherboard with the standoffs inside the case. Ensure all standoffs match the motherboard's screw holes.
3. Secure the motherboard with the provided screws.

3.3. Power Supply Unit (PSU) Installation

1. Locate the PSU mounting area at the bottom rear of the case.
2. Slide the PSU into its designated bay.
3. Secure the PSU with screws from the rear of the case.

SUPPORTS HIGH-END HARDWARE

SUPPORT LARGE GPU WITH **415MM CLEARANCE** | SIDE LED LIGHTING
DEDICATED **TOP 360 RADIATOR** SPACE | **TEMPERED GLASS** FRONT AND SIDE



PHANTEKS

* IMAGE FOR REFERENCE ONLY

Image 3.2: Rear internal view of the case, illustrating the power supply unit (PSU) mounting area and various drive bays.

3.4. Storage Drive Installation

The case supports multiple 2.5" SSDs and 3.5" HDDs. Refer to the case's internal layout for specific mounting locations.

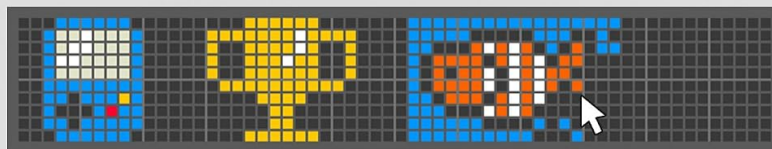
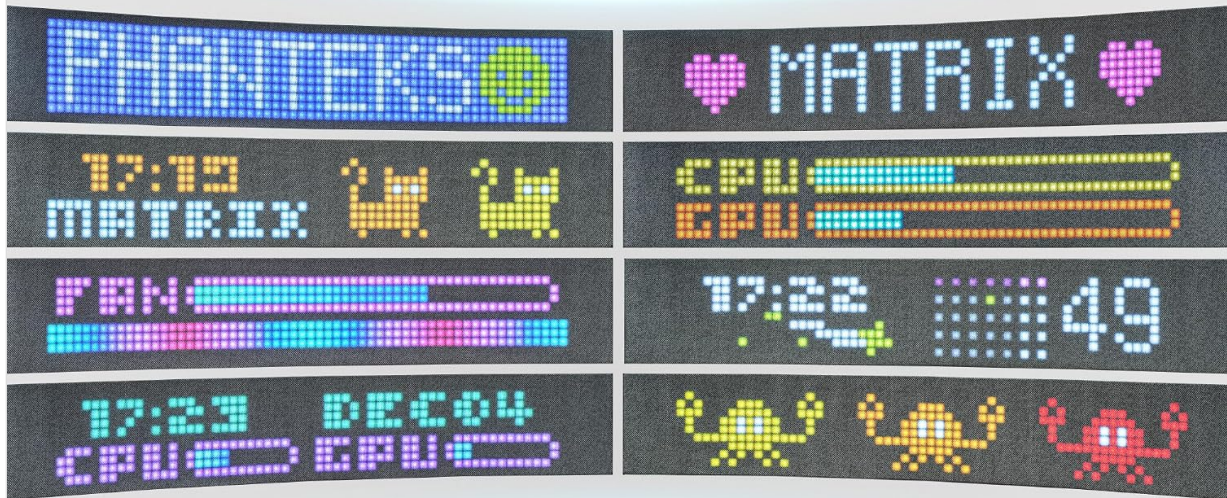
- **2.5" SSDs:** Mount SSDs to the dedicated 2.5" brackets, typically located behind the motherboard tray.
- **3.5" HDDs:** Install HDDs into the drive cages, usually found beneath the PSU shroud.

3.5. Expansion Card (GPU) Installation

1. Remove the necessary expansion slot covers from the rear of the case.
2. Insert your graphics card or other expansion cards into the appropriate PCIe slots on the motherboard.
3. Secure the card with screws.

NEXLINQ APP MATRIX WIDGET LIBRARY

USE OUR EXPANDED WIDGET LIBRARY PRESETS
OR CREATE YOUR OWN DESIGN WITH THE MATRIX EDITOR



CREATED USING MATRIX EDITOR

PHANTEKS

* IMAGE FOR REFERENCE ONLY

Image 3.3: An internal view of the case with a graphics card, CPU cooler, and fans already installed, demonstrating component compatibility and layout.

3.6. Fan and Radiator Installation

The XT View Matrix supports up to 9 x 120mm fan positions and full 360mm radiator support at the top. The case includes 3 M25-120 D-RGB fans.

- Mount additional fans or radiators to the designated areas using the provided screws.
- Connect fan and RGB cables to your motherboard or a compatible controller.

3.7. Cable Management

Utilize the cable routing channels and tie-down points behind the motherboard tray to organize cables. This improves airflow and aesthetics.

4. OPERATING INSTRUCTIONS

4.1. Powering On

After all components are installed and cables are connected, press the power button located on the front I/O panel to start your system.

4.2. Front I/O Ports

The front I/O panel provides convenient access to:

- 1x USB-C 3.2 Gen2 port
- 1x USB 3.0 port
- Power and Reset buttons
- Lighting control buttons (no software needed for basic control)
- Mic/Headphone jacks

4.3. 600 LED Matrix Display Control

The integrated 600 LED Matrix screen can display dynamic system statistics, animations, and custom visuals. To fully customize the display, download and install the Phanteks Nexling app.



Image 4.1: The 600 LED Matrix screen displaying dynamic content, with an overlay of the Phanteks Nexling app interface for customization.

HIGH AIRFLOW COOLING

TRIPLE 120MM FAN POSTIONS FOR DIRECT GPU COOLING
BOTTOM MESH PANEL FOR FRESH AIR INTAKE | 9X 120MM FAN POSTIONS



PHANTEKS

* IMAGE FOR REFERENCE ONLY

Image 4.2: Various examples of information and patterns that can be displayed on the 600 LED Matrix screen, including system stats and custom graphics.

5. MAINTENANCE

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

5.1. Cleaning

- **Dust Filters:** Periodically remove and clean the dust filters (if applicable) to maintain good airflow.
- **Interior:** Use compressed air to remove dust from inside the case, especially from fans and heatsinks.
- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners.

5.2. Fan Maintenance

Ensure fans are free from obstructions and spinning correctly. If a fan becomes noisy or stops working, consider replacing it.

6. TROUBLESHOOTING

If you encounter issues with your PC build, consider the following common troubleshooting steps:

- **No Power:** Check all power connections, including the PSU to wall outlet, PSU to motherboard, and front panel power switch cable.
- **Fans Not Spinning/No RGB:** Verify fan and RGB cables are correctly connected to the motherboard or controller. Check software settings for RGB control.
- **LED Matrix Display Issues:** Ensure the display cable is securely connected. If using the Nexling app, check for software updates or reinstall the application.
- **Overheating:** Ensure all fans are installed correctly and spinning. Check for dust buildup and clean filters. Verify proper thermal paste application on CPU.

7. SPECIFICATIONS

Feature	Detail
Brand	Phanteks
Model Name	XT View Matrix
Case Type	Mid Tower
Color	Grey, White
Material	Steel alloy, Polyester fabric, ABS, Tempered glass window
Product Dimensions (D x W x H)	44P x 23l x 50H cm (approximately 17.3 x 9.1 x 19.7 inches)
Item Weight	17.5 Pounds (approximately 7.9 kg)
Cooling Method	Water, Air
Included Fans	3x M25-120 D-RGB fans
LED Display	600 LED Matrix Screen
Front I/O	1x USB-C 3.2 Gen2, 1x USB 3.0, Power/Reset, Lighting Control, Mic/Headphone
Internal Bays Quantity	7 (various 2.5" and 3.5" bays)
Compatible Devices	Desktop, Gaming PC
Manufacturer Part Number	PH-XT523VM1_DWT01
Global Trade Identification Number (GTIN)	00886523304098

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Phanteks website or contact their customer service directly. Keep your proof of purchase for warranty claims.

Phanteks Official Website: www.phanteks.com

