

Phanteks PH-ES614PTG_BK

Phanteks Enthoo Pro ATX Chassis User Manual

MODEL: PH-ES614PTG_BK

Brand: Phanteks

1. Introduction

Thank you for choosing the Phanteks Enthoo Pro ATX Chassis. This manual provides essential information for setting up, operating, and maintaining your new computer case. The Enthoo Pro is designed for enthusiasts, offering extensive cooling possibilities, multiple radiator support, and upgrade capabilities, all housed within a sleek design featuring a tempered glass side panel.

For a comprehensive guide and additional details, please refer to the official [User Manual \(PDF\)](#).



Figure 1.1: Phanteks Enthoo Pro ATX Chassis, showcasing its tempered glass side panel and brushed aluminum look.

2. Key Features

- **Brushed aluminum Look:** Aesthetic design with a clean interior, featuring hidden PSU and HDDs.
- **Tempered Glass Panel:** Provides a clear view of internal components.
- **Easy Accessibility:** Convenient access to fans and dust filters for maintenance.
- **Cable Management:** Equipped with Phanteks' Velcro cable ties for organized routing.
- **Optical Drive Bay:** Includes space for optical drives.
- **Reservoir Mounts and Pump Slots:** Designed for custom liquid cooling solutions.
- **Front Ports:** Features 2 x USB 3.0, USB-C GEN 2, Mic, Headphone, Reset, and RGB Switch.
- **RGB Lighting Compatibility:** Compatible with Phanteks RGB LED strips and RGB motherboards.
- **Easy Radiator Installation:** Streamlined process for installing radiators.



Figure 2.1: Spacious interior of the Enthoo Pro chassis, highlighting cable management options and component layout.

3. Package Contents

Verify that all components are present in your package:

- Phanteks Enthoo Pro ATX Chassis (PH-ES614PTG_BK)
- Accessory Box (containing screws, standoffs, cable ties)
- Pre-installed Fans (typically 2 x 140mm and 1 x 120mm, exact configuration may vary)
- User Manual (this document and/or PDF version)

4. Setup Guide

Follow these steps for initial setup and component installation:

1. **Preparation:** Place the chassis on a stable, flat surface. Remove the tempered glass side panel by unscrewing the four thumb screws and carefully lifting it away.
2. **Motherboard Installation:** Install the necessary motherboard standoffs. Carefully align your ATX motherboard with the standoffs and secure it with screws.
3. **Power Supply Unit (PSU) Installation:** Install your PSU into the dedicated compartment at the bottom rear of the chassis. Secure it with screws from the rear.
4. **Storage Drive Installation:** The chassis supports multiple drive types. Utilize the 3.5" HDD cages and 2.5" SSD mounts. The lower cage can house 3 HDDs, and there are dedicated SSD mounts behind the motherboard tray.



Figure 4.1: Detailed view of the drive bays, illustrating the ample storage options within the chassis.

5. **Expansion Card Installation:** Install your graphics card and other expansion cards into the PCIe slots on your motherboard, securing them with the provided screws.
6. **Cable Management:** Utilize the numerous cable routing cutouts and Phanteks' Velcro ties behind the motherboard tray to ensure a clean and organized build. This improves airflow and aesthetics.



Figure 4.2: Rear of the motherboard tray, showcasing the cable management channels and Velcro ties for a tidy build.

7. **Cooling System Installation:** Install additional fans or liquid cooling radiators as desired. The case supports various configurations for optimal airflow.
8. **Front Panel Connections:** Connect the front panel cables (USB 3.0, USB-C, audio, power, reset, RGB switch) to their respective headers on your motherboard.
9. **Final Assembly:** Once all components are installed and cables are managed, reattach the tempered glass side panel and secure it with the thumb screws.

5. Operating Instructions

The Phanteks Enthoo Pro chassis is designed for straightforward operation. Key operational features include:

- **Power Button:** Located on the top panel, press to power on or off your system.
- **Front I/O Ports:** Access USB 3.0, USB-C GEN 2, microphone, and headphone jacks conveniently located on the front panel.



Figure 5.1: Front panel connectivity, including USB 3.0, USB-C, and audio ports, hidden behind a discreet cover.

- **RGB Lighting Control:** If connected to a compatible Phanteks RGB controller or motherboard, use the dedicated RGB switch on the front panel to cycle through lighting modes or synchronize with your motherboard's software.
- **Fan Control:** Fan speeds are typically controlled via your motherboard's BIOS/UEFI settings or dedicated fan control software.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your chassis:

- **Dust Filter Cleaning:** The Enthoo Pro features easily removable dust filters on the top, front, and bottom. Regularly remove and clean these filters with water or a soft brush to maintain optimal airflow and prevent dust buildup inside your system.
- **Exterior Cleaning:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents

that could damage the finish or tempered glass.

- **Interior Dusting:** Periodically use compressed air to remove dust from internal components, ensuring efficient cooling.

7. Troubleshooting

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

- **No Power:** Ensure the PSU is properly connected to the motherboard and all components. Check the power button connection to the motherboard.
- **Fans Not Spinning:** Verify fan connections to the motherboard or fan controller. Check BIOS/UEFI settings for fan speed control.
- **RGB Lighting Issues:** Confirm RGB cable connections to the motherboard or controller. Ensure compatible software is installed and configured correctly.
- **Front Panel Ports Not Working:** Double-check that all front panel I/O cables are securely connected to the correct headers on your motherboard.

For more complex issues, consult the full user manual or contact Phanteks customer support.





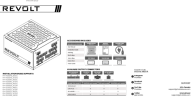
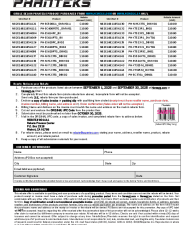
8. Specifications

Specification	Detail
Model Name	Enthoo Pro TG
Item Model Number	PH-ES614PTG_BK
Brand	Phanteks
Case Type	Full Tower
Motherboard Compatibility	ATX
Color	Black
Material	Tempered Glass, Aluminum
Cooling Method	Air
Item Weight	24.2 pounds (approx. 10.98 kg)
Product Dimensions (LxWxH)	21.7 x 9.25 x 21.1 inches (approx. 55.1 x 23.5 x 53.6 cm)
Number of USB 2.0 Ports	2
Number of USB 3.0 Ports	2
Date First Available	January 1, 2018

9. Warranty and Support

Phanteks products are manufactured to the highest quality standards. For detailed warranty information, product registration, and technical support, please visit the official Phanteks website or contact their customer service department. Keep your proof of purchase for warranty claims.

Related Documents - PH-ES614PTG_BK

	<p>Phanteks Enthoo Evolv ATX Tempered Glass Edition User Manual</p> <p>A comprehensive user manual for the Phanteks Enthoo Evolv ATX Tempered Glass Edition PC case, detailing specifications, installation procedures for components like motherboards, power supplies, drives, and cooling systems, as well as upgrade options and support information.</p>
	<p>Phanteks Enthoo Pro Tempered Glass Edition User's Manual</p> <p>This user's manual provides comprehensive instructions for the Phanteks Enthoo Pro Tempered Glass Edition PC case, covering installation, specifications, cooling, RGB features, and support.</p>
	<p>Phanteks Enthoo Pro User Manual</p> <p>Comprehensive user manual for the Phanteks Enthoo Pro full tower computer case, detailing specifications, installation guides, and support.</p>
	<p>Phanteks NV7 Full Tower Chassis User Manual</p> <p>Comprehensive user manual for the Phanteks NV7 full-tower PC chassis, detailing installation, features, and specifications for building a high-performance computer setup.</p>
	<p>Phanteks REVOLT Power Supply Installation Guide</p> <p>Comprehensive installation guide for the Phanteks REVOLT series power supplies, detailing cable connection, PSU installation, and hybrid fan control features.</p>
	<p>Phanteks Rebate Offer: Save on PC Components from Newegg</p> <p>Details of a mail-in rebate offer from Phanteks for various PC components purchased at Newegg.com and Newegg.ca. Includes product list, redemption instructions, and terms and conditions.</p>