Thank you for choosing Phanteks. Please take a moment to carefully go through the manual. Phanteks will not take responsibility for any damages incurred due to incorrect installation or usage of this product.

This manual is applicable for the following products:

**PH-EC300PTG**

**PH-EC300ATG**

### Installation Guide

**CABLE CONNECTION**

**STEP 8. MOTHERBOARD CONNECTIONS**

**HD AUDIO & USB 3.0 CABLES**

a. Connect the cables to the motherboard

![Diagram of HD Audio & USB 3.0 cables connected to motherboard]

**FRONT I/O HEADER CONNECTIONS**

b. Connect the cables to the front I/O header on the motherboard (see front I/O header diagram for general reference)

![Diagram of front I/O header connections]

- Power SW (Power Switch)
- Power LED (Power LED)
- HDD LED (Hard Drive LED)
- Reset SW (Reset Switch)

**STEP 9. RGB LIGHTING - P300 ONLY**

![Diagram of RGB lighting connections]

a. Connect the SATA cable to the power supply

b. Connect the RGB connector to RGB products

c. Connect motherboard RGB adapter* to the motherboard

*Sold separately

**CONNECT MORE RGB PRODUCTS**

b. Connect RGB connector to RGB products

c. Connect motherboard RGB adapter* to the motherboard

*Sold separately

**OPTIONAL UPGRADES**

**VERTICAL GPU BRACKET**

The Phanteks Vertical GPU Bracket can be easily installed in the rear PCI-Slot area without modifications. Follow the instructions that come with the vertical GPU bracket.

![Diagram of vertical GPU bracket]

### RGB CONTROLS (P300 MODEL)

- **Short Press** to change color:
  - Colored
  - Breathing
  - Color Cycle

- **Long Press** to change mode:
  - Solid
  - Breathing
  - Color Cycle

- **Press and Hold** to turn off or switch to motherboard control.

### FRONT I/O FEATURES

**ECLIPSE P300 FRONT I/O**

- 1. Headphone
- 2. Microphone
- 3. USB 3.0
- 4. RGB Control
- 5. Power Button
- 6. Reset Button

**ECLIPSE P300A FRONT I/O**

- 1. Headphone
- 2. Microphone
- 3. USB 3.0
- 4. RGB Control
- 5. Power Button
- 6. Reset Button

**FRONT I/O FEATURES**

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**Diagram is a general overview. For a more accurate overview of your motherboard, please consult that motherboard’s manual.**

**Diagram of motherboard connections**

- 12V
- 5V
- RGB Header

**Diagram of motherboard front I/O header connections**

- 12V Power
- 5V Power
- RGB LED
- RGB Header

**Diagram of compatible RGB products**

**Diagram of included accessories**

- 120 mm Black Fan (Pre-Installed)
- 2.5" SSD Bracket (Pre-Installed)

- 1x Motherboard Screw
- 12x Fan Screw
- 6x Zip Tie
- 3.5" SSD Tray (Pre-Installed)

**Diagram of optional upgrades**

- Vertical GPU Bracket

**Diagram of product overview**

- CPU Cooler Height: 165 mm
- PSU Clearance: 200 mm
- GPU Clearance: 355 mm
- Front radiator: 122x315 mm
- Front radiator: 142x315 mm
- Rear radiator: 120 mm
- Top radiator: 140 mm

**Diagram of included accessories**

- ECLIPSE P300 / ECLIPSE P300A
- 120 mm Black Fan
- 2.5" SSD Bracket
- 1x Motherboard Screw
- 12x Fan Screw
- 6x Zip Tie
- 3.5" SSD Tray

**Diagram of cable connection**

**Diagram of HD Audio & USB 3.0 cables connected to motherboard**

**Diagram of front I/O header connections**

**Diagram of RGB lighting connections**

**Diagram of motherboard connections**

**Diagram of compatible RGB products**

**Diagram of included accessories**

- ECLIPSE P300 / ECLIPSE P300A
- 120 mm Black Fan
- 2.5" SSD Bracket
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- 3.5" SSD Tray
**ECLIPSE P300 / P300A INSTALLATION GUIDE V1.0**

**HARDWARE INSTALLATION**

**STEP 1. LEFT SIDE PANEL**

- **a.** Loosen thumb screws and slide to the left.
- **b.** Tilt panel forward.
- **c.** Pull upward to remove.

**STEP 2. RIGHT SIDE PANEL**

- Loosen thumb screws and slide the side panels off.

**STEP 3. FRONT PANEL**

- Remove front panel by pulling on it from below.

**STEP 4. MOTHERBOARD**

- Install the ATX motherboard with 9 motherboard screws.

**STEP 5. POWER SUPPLY**

- Insert the power supply into the chassis and then secure the power supply with 4 PSU screws.

**STEP 6. 2.5” SSD**

- Install the SSD drive with 4 SSD screws and mount into the chassis.
- A second optional SSD bracket can be installed.
- 2.5” SSD drives can also be installed into the 3.5” drive bays.

**STEP 7. 3.5” HDD**

- Remove the HDD tray by pulling outward. Install the HDD drive in the toolless HDD tray and slide the mounted HDD tray back into the chassis.

**Panel Removal**

There are three panels that can be removed from the P300(A) Chassis; the left side tempered glass panel, the right side panel and the front panel. Follow these steps below.

**Panel Reinstallation**

Follow steps in reverse order.

**With the P300 model you can access the dust filters after removing the front panel. We recommend to clean the dust filters every month for optimal performance.**

**Micro - ATX**

If installing a Micro-ATX motherboard, install the extra standoff supplied and consult your motherboard manual for further instructions.

**The HDD Tray can also hold a 2.5” SSD.**

With the P300 model you can access the dust filters after removing the front panel. We recommend to clean the dust filters every month for optimal performance.