Manuals+ — User Manuals Simplified.

Phanteks Eclipse G300A Innovative Computer Hardware Design Installation Guide

Contents

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INSTRUCTIONS

Thank you for choosing Phanteks. Please take a moment to carefully go through the manual. This manual will walk you through all of the features the Eclipse G300A has to offer and installation steps to build a full system.

This manual is for the following models:

- PH-EC300GA_DBK01 Satin Black | 1x D-RGB Fan Back
- PH-EC300GA_DBK02 Satin Black | 3x D-RGB Fans Front

Phanteks will not take responsibility for any damages incurred due to incorrect installation or usage of this product.
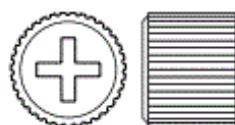
INCLUDED ACCESSORIES

ZIP TIE
6x

D-RGB MOTHERBOARD ADAPTER
1x

D-RGB 120MM FAN
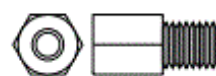1x pre-installed **DBK01**
3x pre-installed **DBK02**

STAND-OFF TOOL
1x

PSU SCREW
4x

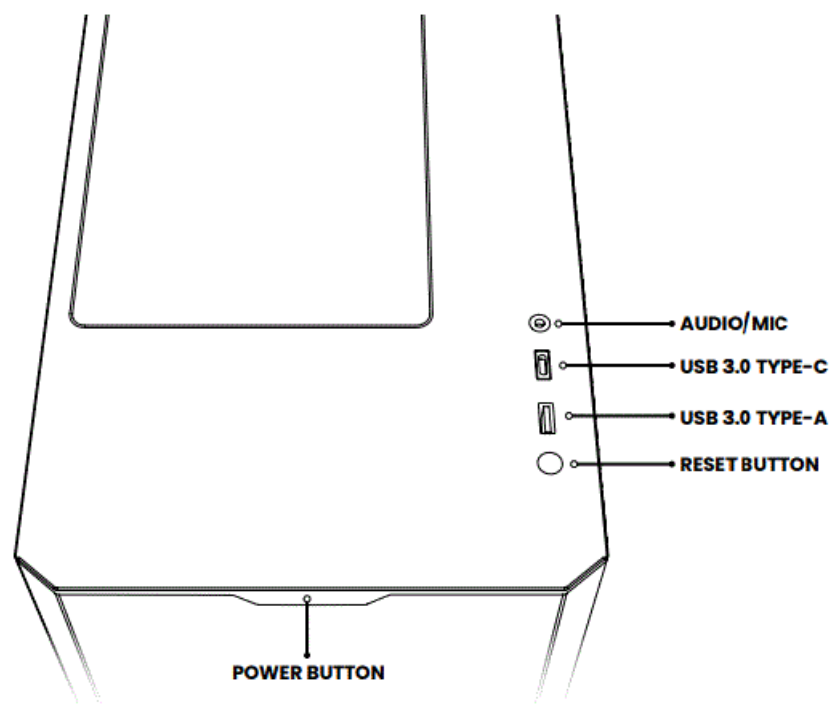**HDD SCREW**
4x

SSD + MOTHERBOARD SCREW
18x

MB STAND-OFF
1x

FRONT I/O

- AUDIO/MIC
- USB 3.0 TYPE-C
- USB 3.0 TYPE-A
- RESET BUTTON
- POWER BUTTON

FAN & RADIATOR SUPPORT

FANS	FRONT	TOP	REAR
120mm	3x	2x	1x
140mm	–	–	–
RADIATOR			
120mm	up to 360	up to 240	up to 120
140mm	–	–	–

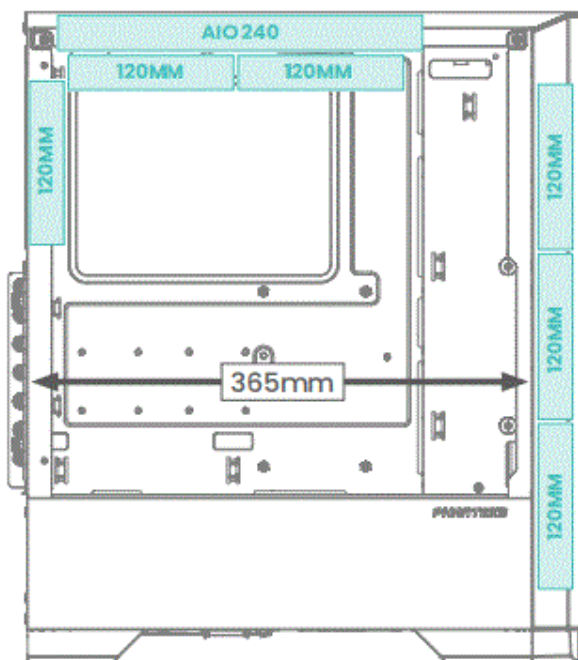**CLEARANCE**

- CPU cooler height 160 mm 3
- GPU length 65 mm with front fans
- Powersupply 210 mm
- E-ATX up to 260 mm width

360 FRONT AIO COOLER
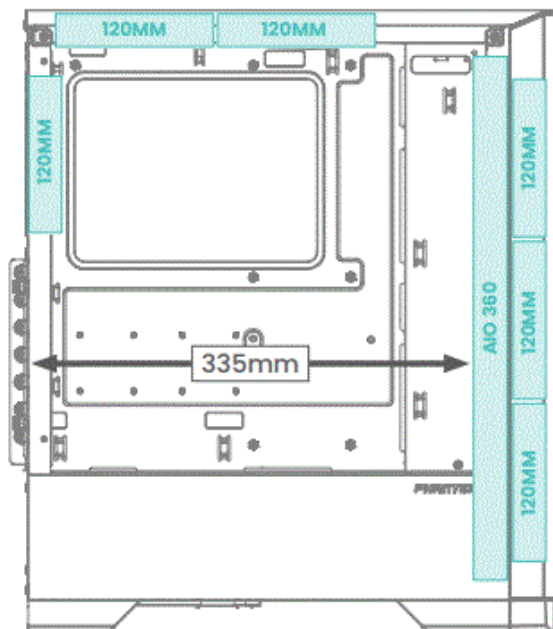
- Because of the special front bracket, the front supports a radiator up to 360. When using this option, the maximum GPU length is335mm.
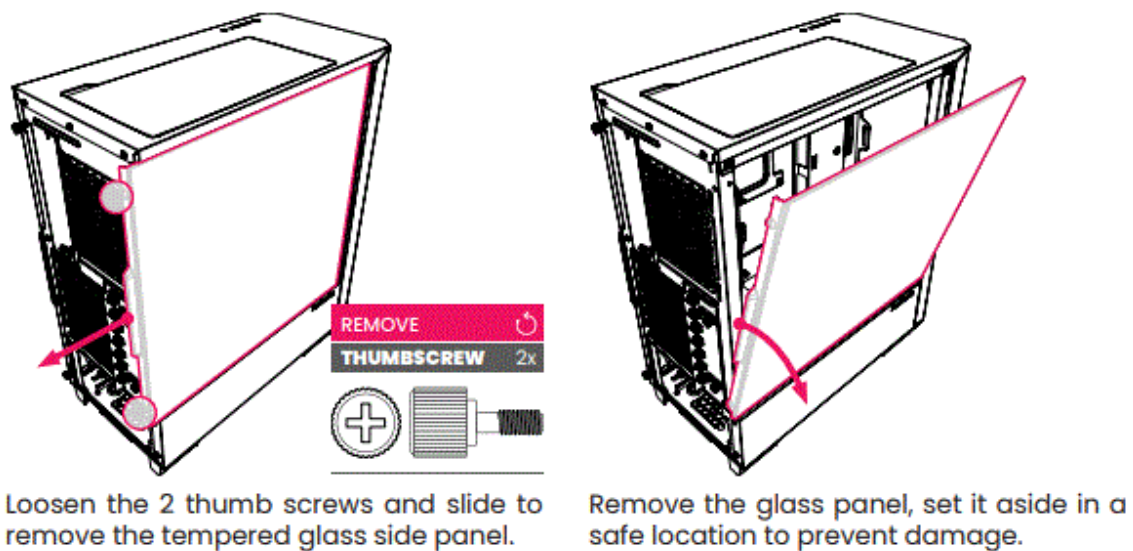
240 TOP AIO COOLER

- The top supports a radiator up to 240. When using this option, the maximum GPU length is 365mm with 3 front 120mm fans.
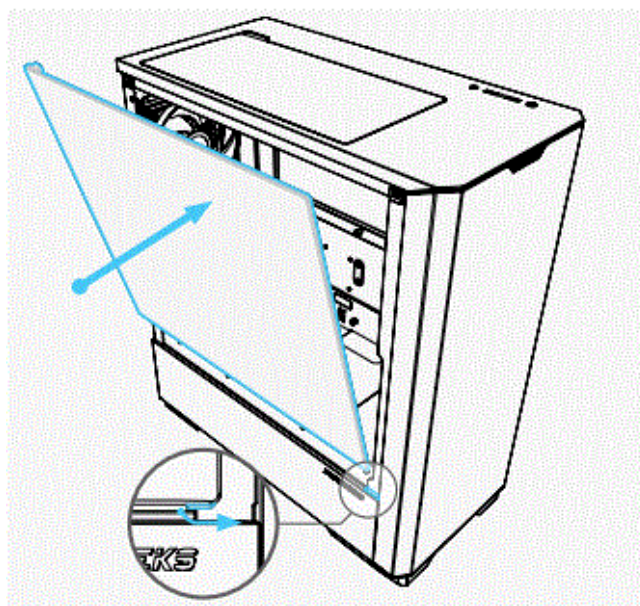
REMOVE EXTERNAL PANELS

LEFT SIDE PANEL

REMOVE ↻
THUMBSCREW 2x

Loosen the 2 thumb screws and slide to remove the tempered glass side panel.

Remove the glass panel, set it aside in a safe location to prevent damage.
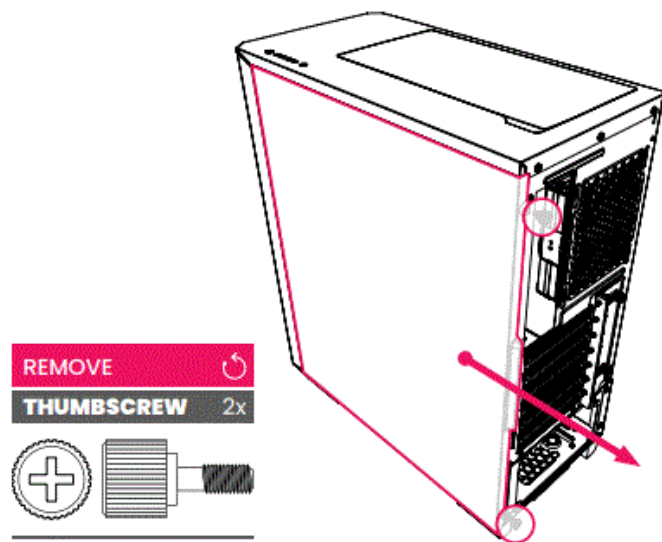
CAUTION

- Make sure to hold the side panel while sliding it outwards to prevent any damage when removing
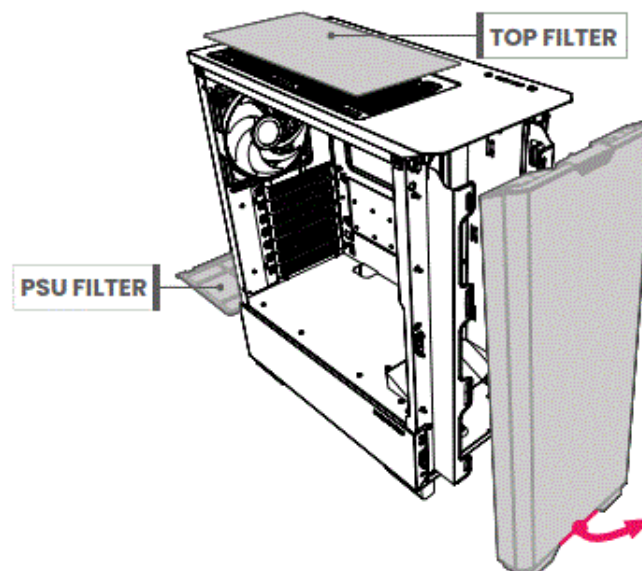
REINSTALL SIDE PANEL

When returning the left side panel, align the bottom right with the slit in the chassis. Slide the panel forward and secure with 2 thumb screws at the back.

RIGHT SIDE PANEL

REMOVE ↺
THUMBSCREW 2x

Loosen the 2 captive thumb screws and slide to remove the right side panel.

FRONT PANEL & DUST FILTERS

TOP FILTER

PSU FILTER

Remove front panel by pulling the panel from below.

HARDWARE INSTALLATION

MOTHERBOARD

INSTALL ↺
MOTHERBOARD SCREWS 9x
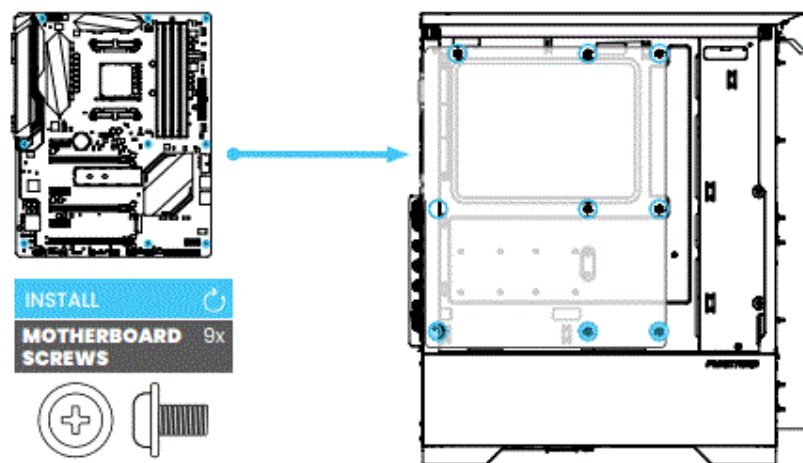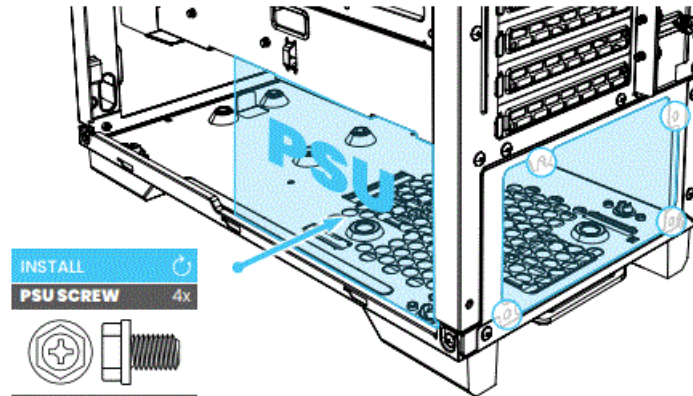
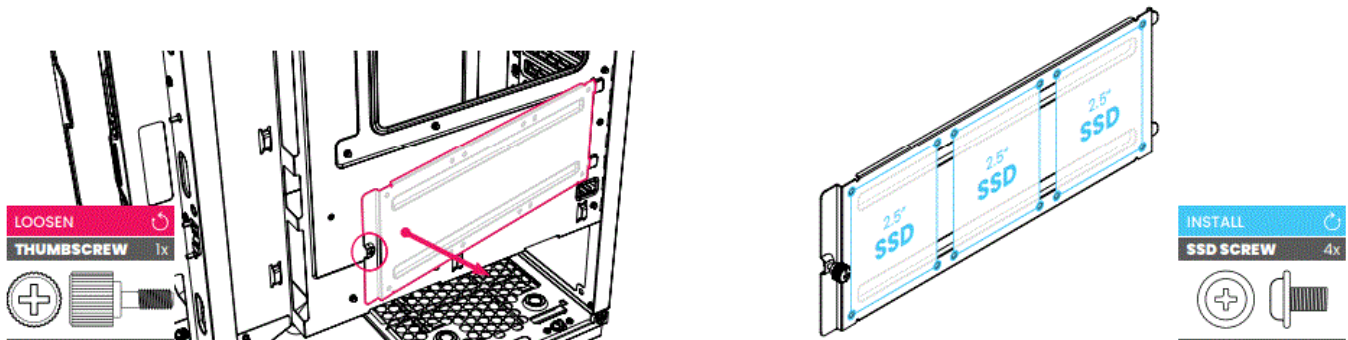Install the ATX motherboard using 9x motherboard screws.
For M-ATX Motherboards follow the motherboard instructions to move the stand-offs to the correct position.

POWERSUPPLY

Slide in the power supply from the side and secure it with the 4x PSU screws. It is recommended to connect all needed cables beforehand

STORAGE | 2.5" SSD

- Loosen the thumb screw on the SSD backplate to remove it, for easy installation of the 2.5" SSD's.
- The backplate can hold up to 3x 2.5" SSD's. Use 4x SSD screws per SSD to secure it in location.

STORAGE | 3.5" HDD

PRO TIP
Put a piece of cloth underneath the chassis to prevent any damage.
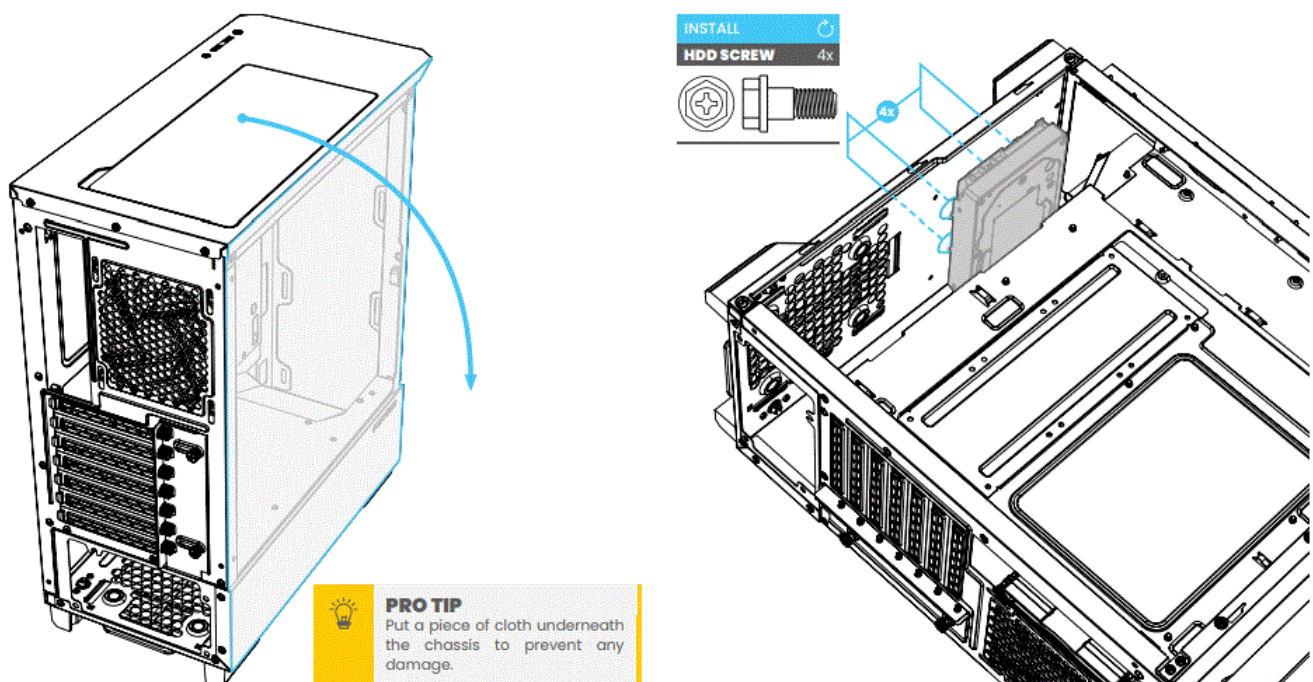
- Lay the chassis on it's side for easy access.
- Hold the 3.5" HDD into place and secure it with 4x HDD screws from the bottom.

FRONT I/O

Connect the front I/O cables to the allocated connectors on the motherboard to use all front I/O buttons and inputs.
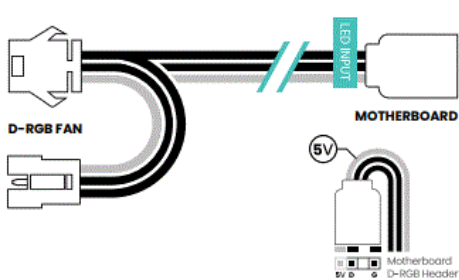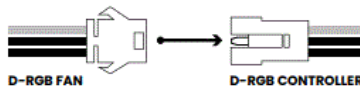
MOTHERBOARD FRONT I/O

PWR LED   POWER SWITCH

RESET SWITCH

POWER_SW

HD AUDIO

USB 3.0
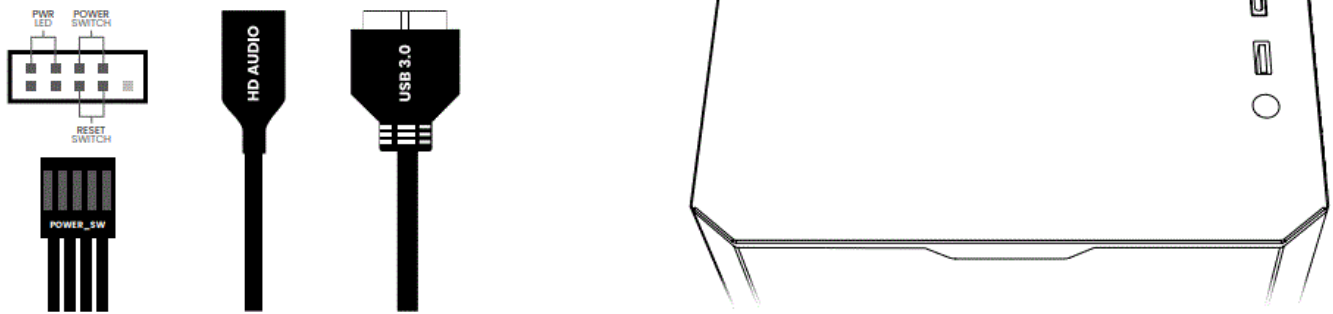
D-RGB CABLES

OPTION 1.
MOTHERBOARD CONTROL

LED INPUT

D-RGB FAN

MOTHERBOARD

5V

Motherboard D-RGB Header
5V D G

OPTION 2.
PHANTEKS D-RGB CONTROLLER

D-RGB FAN   D-RGB CONTROLLER

CONNECT TO THE D-RGB CONTROLLER WITH JST CONNECTOR.

PHANTEKS DRGB CONTROLLER SOLD SEPARATELY (PH-CTHUB_DRGB_01)

EXPAND WITH MORE D-RGB PRODUCTS
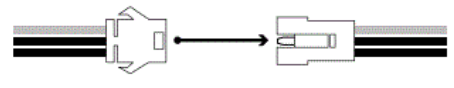
DAISY-CHAIN PHANTEKS D-RGB PRODUCTS TOGETHER WITH THE JST-CONNECTOR.

- **D-RGB CONTROL**

  The D-RGB fan needs a controller to function. Connect to an ARGB-equipped motherboard with the included D-RGB Motherboard adapter or use a Phanteks D-RGB Controller. The Phanteks D-RGB Controller is sold separately (PH-CTHUB_DRGB_01).

- **D-RGB EXPANSION**

  More Phanteks D-RGB lighting products can be daisy-chained easily with the JST-connector.

OPTIONAL UPGRAD
VERTICAL GPU BRACKET (PH-VGPUKT4.0_03R)
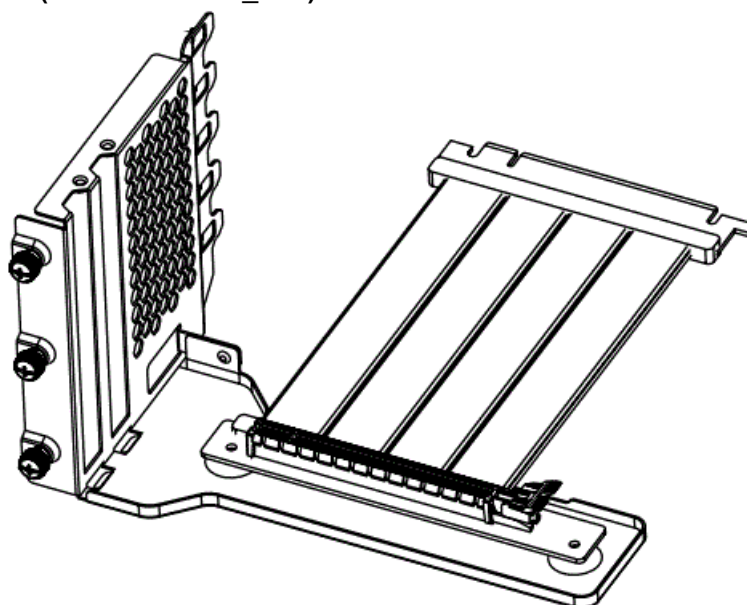
- The G300A chassis supports the Phanteks Vertical GPU Bracket.

- The Vertical GPU Bracket supports 3 and 4 slot GPU's with access to the GPU connectors on slot 1 and 2.
- It can be easily installed in the PCI slot area. Follow the instructions that are included with the Vertical GPU bracket

SUPPORT & WARRANTY

As a Phanteks customer, you are priority number one. We have a dedicated team across the globe to deliver the experience you deserve.

CUSTOMER CARE
RMA and Technical Support Americas
Hours: Monday-Friday 9:00-5:00 PST
Phone number: +1(909)598-2115
Email: support@phanteksusa.com
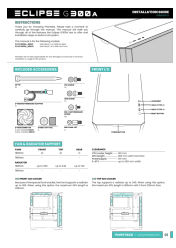**Facebook:** @Phanteks

RMA and Technical Support International
Email: support@phanteks.com
Facebook: @Phanteks
For spare parts and optional upgrades please visit:
www.axpertec.com (EU) | **www.phanteksusa.com** (US)

Documents / Resources

Phanteks Eclipse G300A Innovative Computer Hardware Design [pdf] Installation Guide Eclipse G300A Innovative Computer Hardware Design, Eclipse G300A, Innovative Computer Hardware Design, Hardware Design, Design

References

- ⊙ **Axpertec International B.V – Axpertec International B.V.**
- ⊡ **Phanteks Innovative Computer Hardware Design**
- ⊙ **Phanteks Online Store**