



Installation Guide

Included Accessories

Steel Cable - 4 pcs



Feet - 4 pcs



M3x6mm Screw -20 pcs

*9 pcs for MB installation + 2pcs for VGA Vertical Kit + extra 9pcs.



M3x10mm Screw -10 pcs

*Extra screws for backup.



M3x6mm Flat Head Screw -10 pcs

*Extra screws for backup.



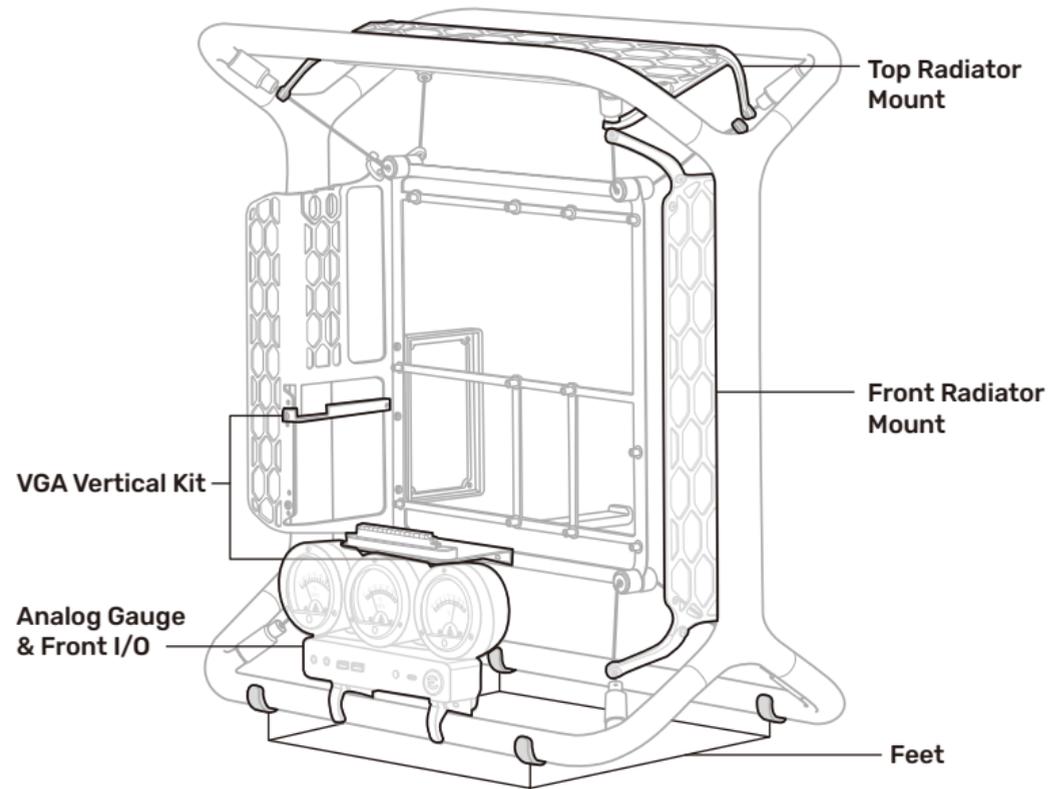
Hex Key - 2 pcs



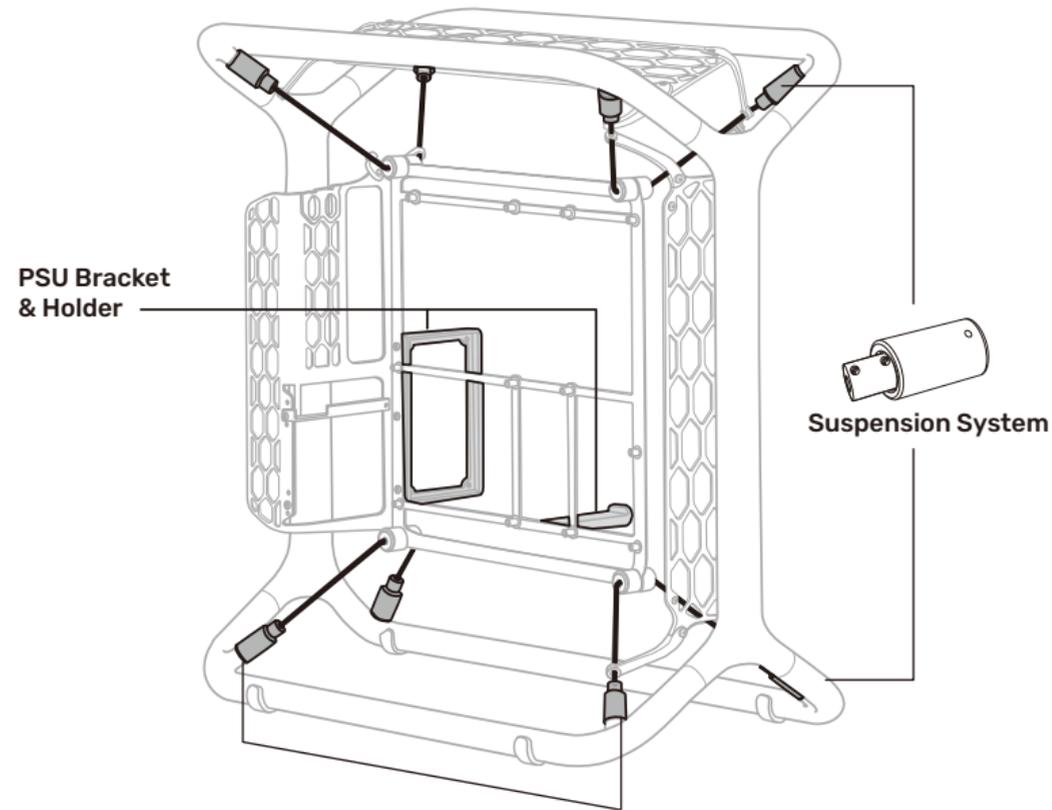
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E1 Carbon Fiber Frame Overview

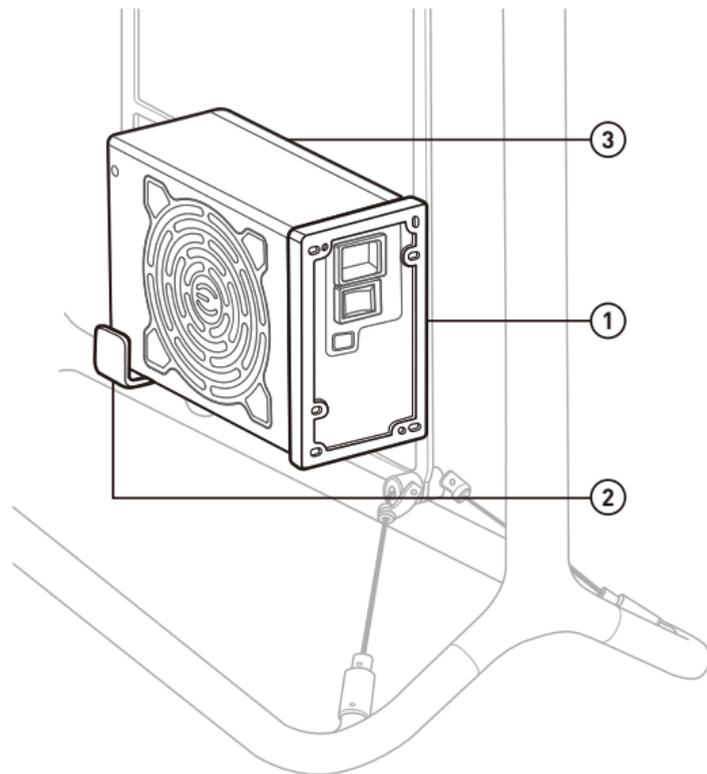


01

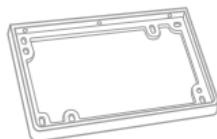


02

PSU Bracket & PSU Installation



A PSU Bracket x1



B M3x6mm Screw x3



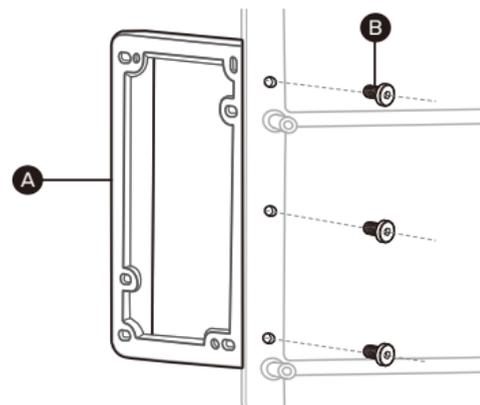
C M3x10mm Screw x2



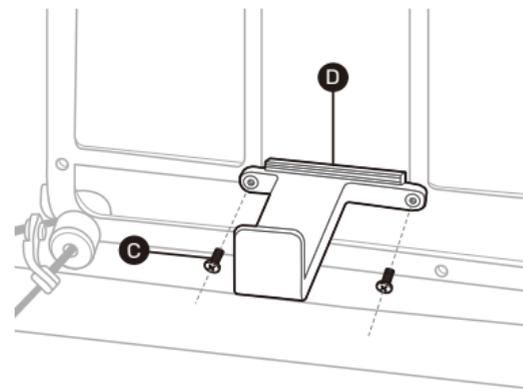
D PSU Holder x1



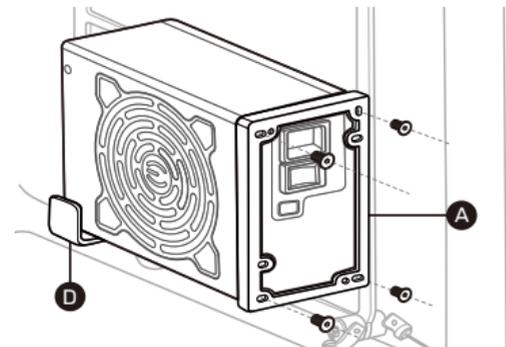
- ① Use 3x M3x6mm screws(B) to fasten the PSU Bracket(A).



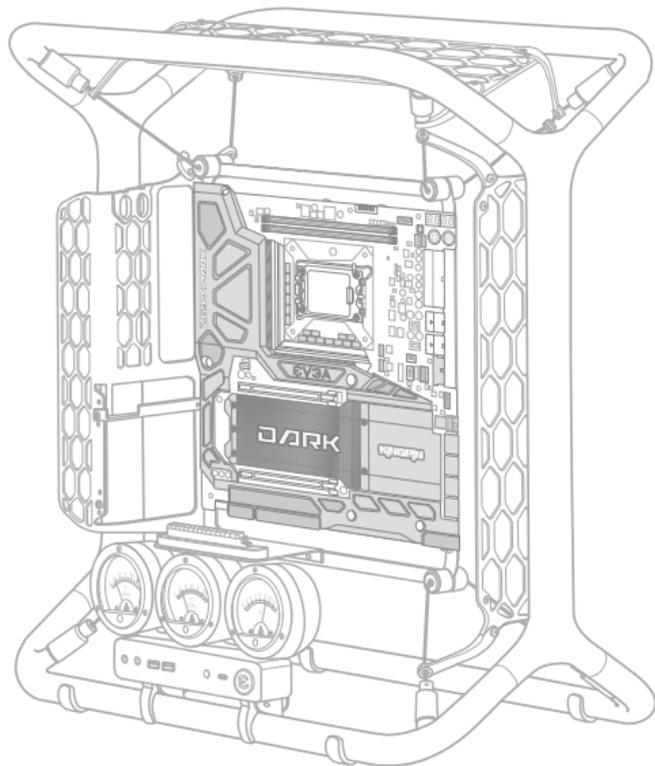
- ② Use 2x M3x10mm screws(C) to fasten the PSU Holder(D).



- ③ Place your PSU on the PSU holder(D) and slide it into the PSU Bracket(A). Use the mounting screws provided with your PSU to fasten your PSU to the bracket(A)



Motherboard Installation



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A Hex Key x1

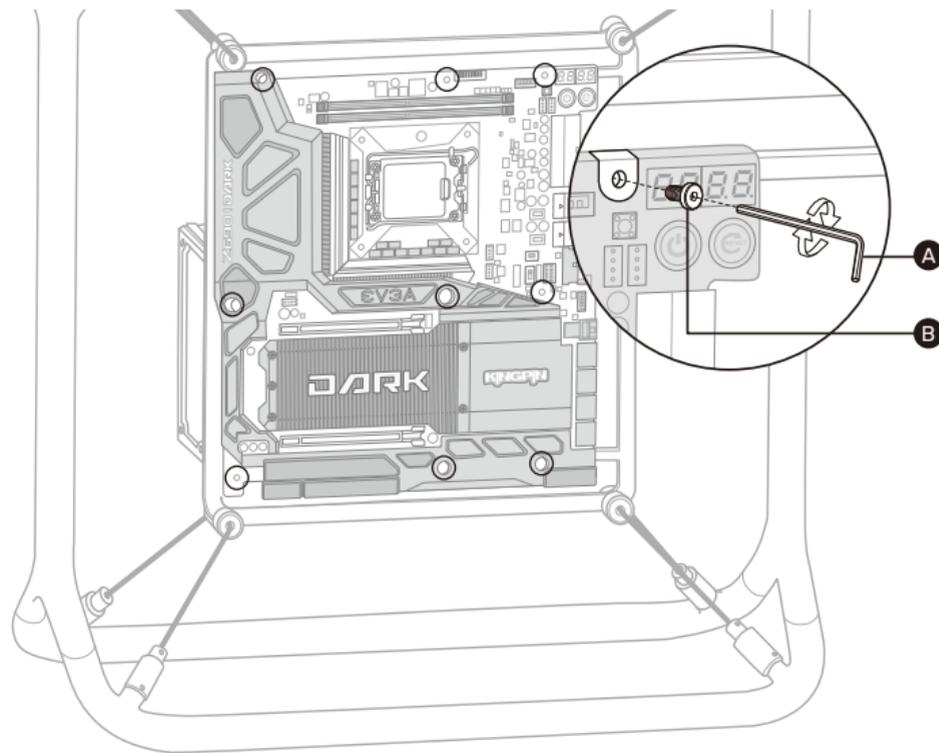


B M3x6mm Screw x9



① Use 9x M3x6mm screws(B) with included hex key(A) to install your motherboard.

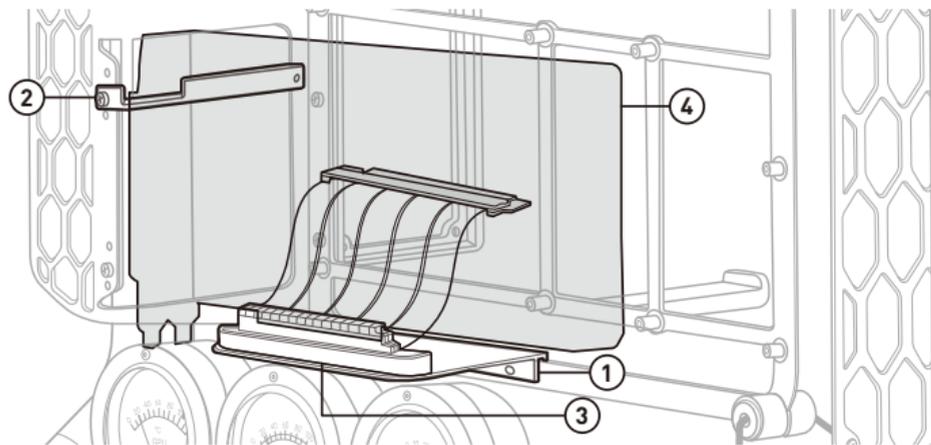
*Please note that these directions apply to the EVGA Z690 DARK motherboard.
Please consult your motherboard manual if using a different motherboard.



06

VGA Vertical Kit & Vertical VGA Installation

*Compatible only with 2 Slot PCI brackets or smaller.



A Baseplate x1



B M3x10mm Screw x3



C Rear Bracket x1



D M3x6mm Flat head Screw x2



E Vertical Cushion x1



F Vertical Plate x1



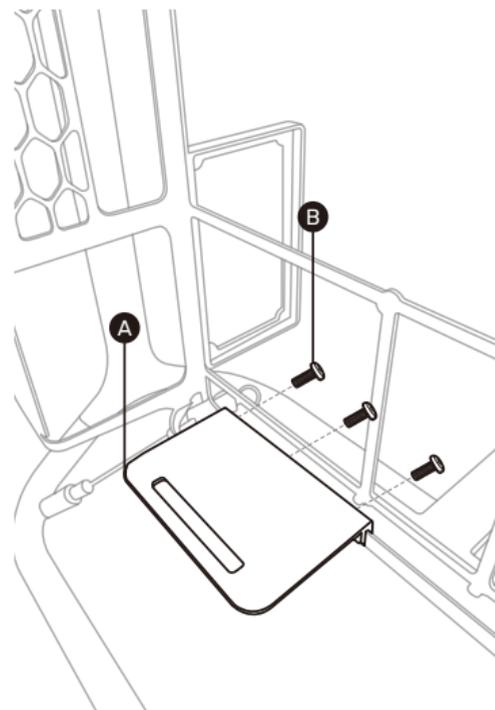
G M3x6mm Screw x3



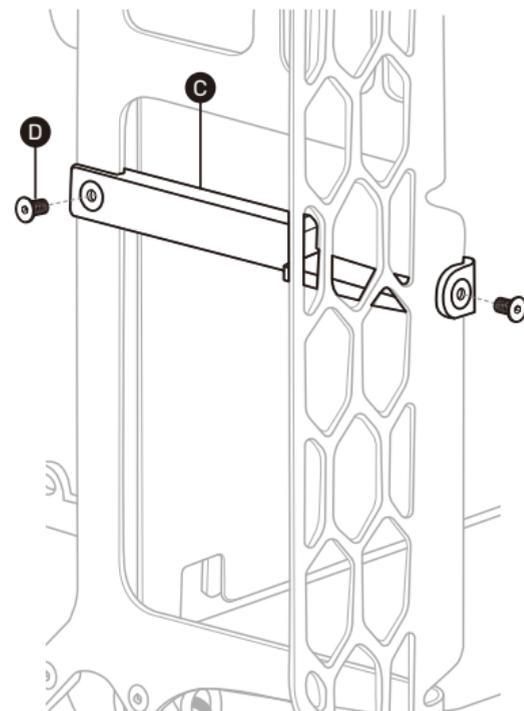
H PCIe 4.0 x16 Riser Cable x1



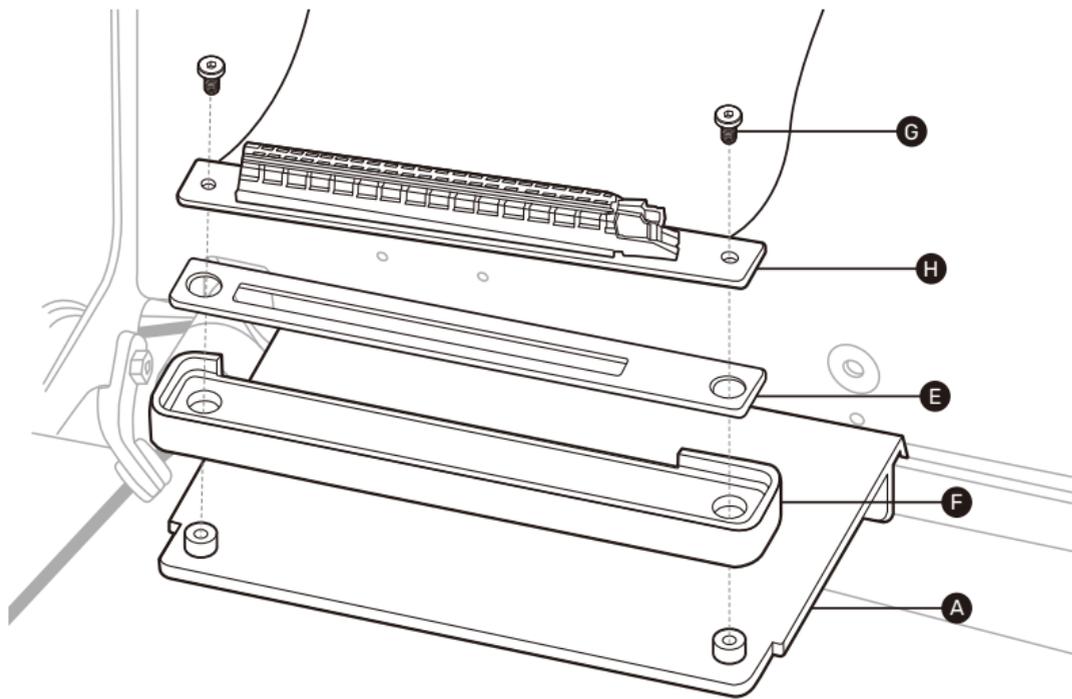
① Use 3x M3x10mm screws(B) to fasten the baseplate(A).



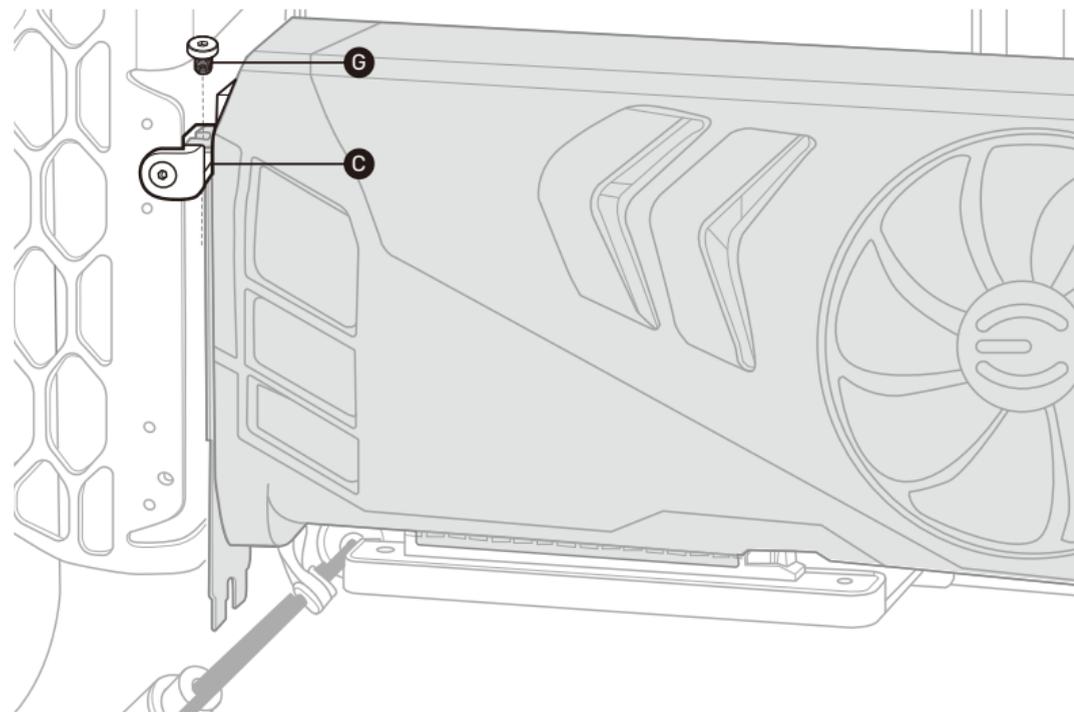
② Use the 2x M3x6mm flat head screws(D) to fasten the rear bracket(C).



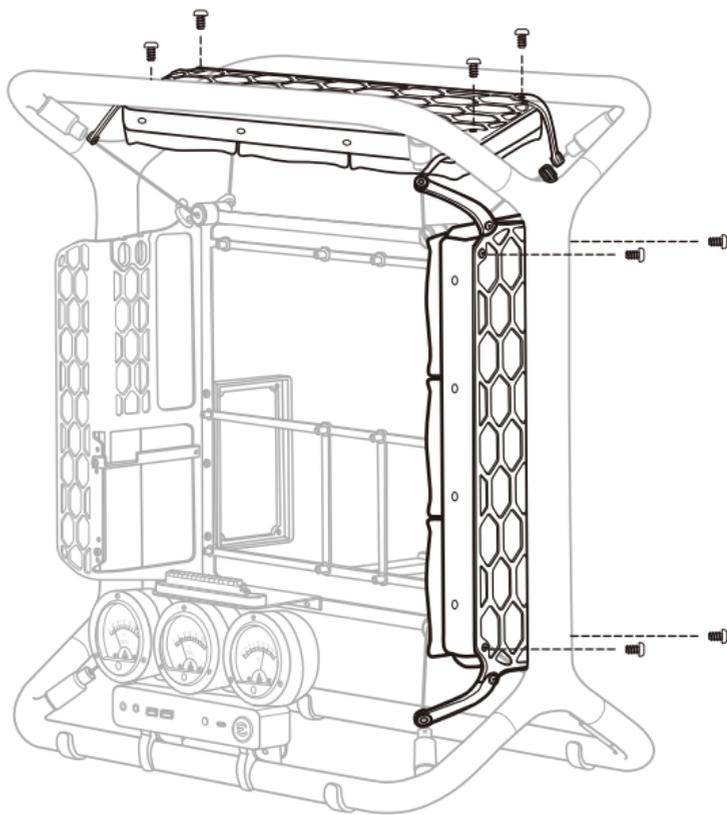
- ③ Align the baseplate(A), Vertical plate(F), Vertical Cushion(E) and PCIe 4.0 x16 Riser Cable(H), then fasten with 2x M3x6mm Screws(G).



- ④ Install your graphics card and fasten 1x M3x6mm screw(G) to the rear bracket(C).

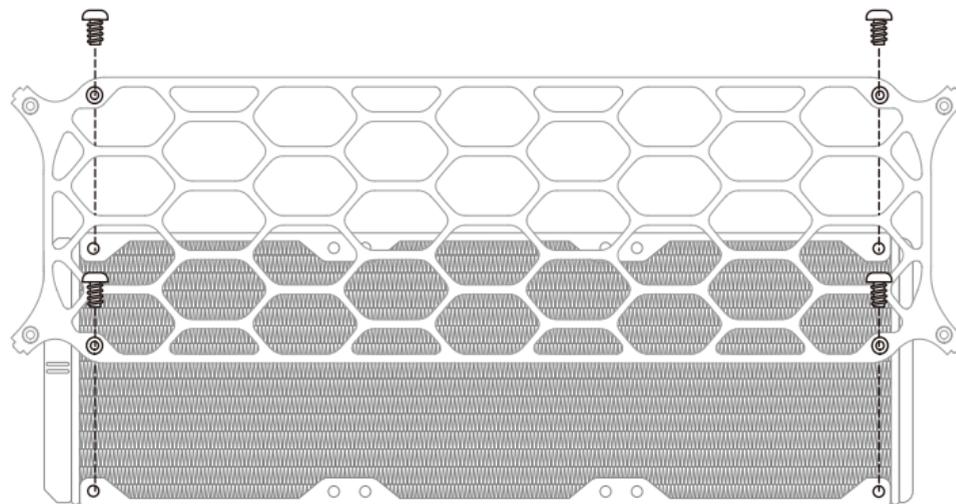


Top & Front Radiator Installation

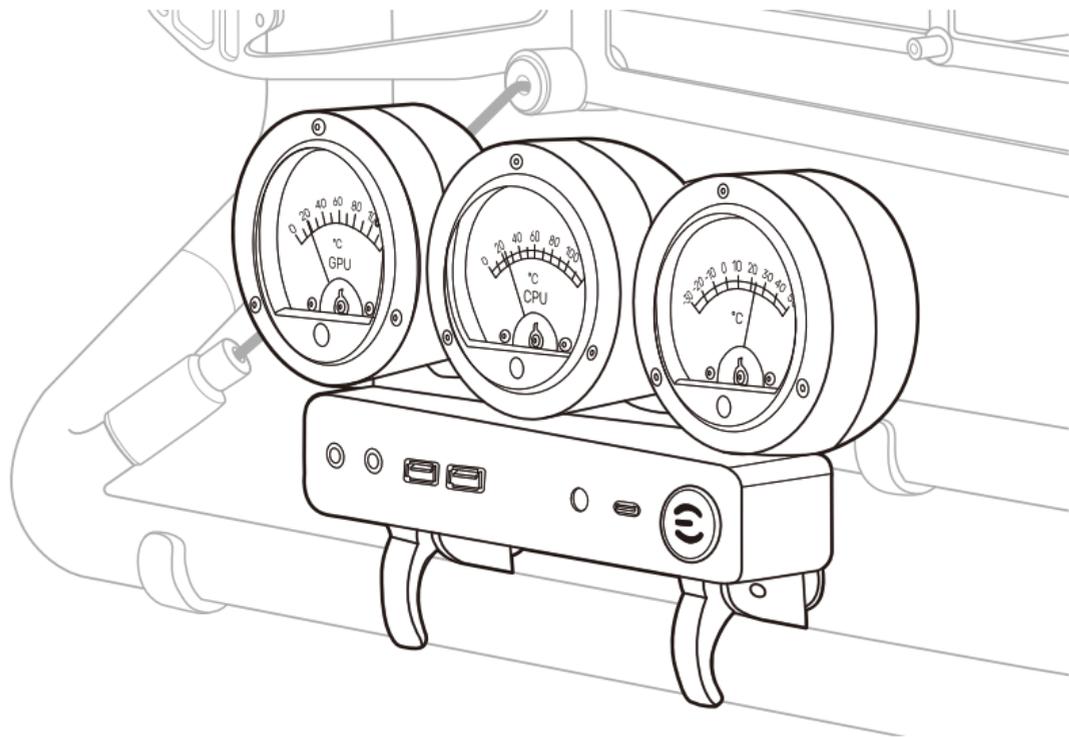


Fasten your radiator to an available mount location using the screws provided by your radiator or AIO device.

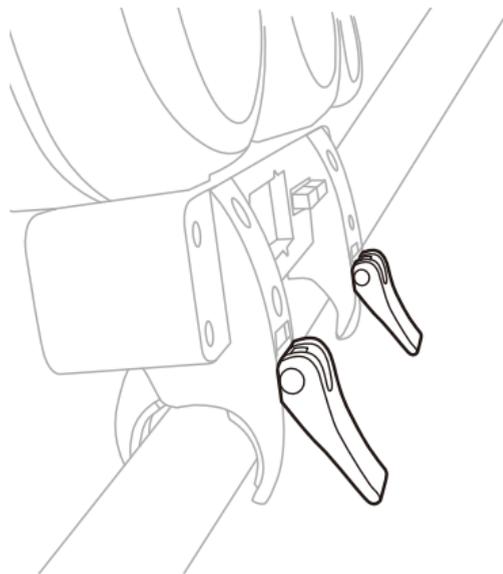
*The EVGA E1 top and front radiator mounts provide the best compatibility with a 360mm radiator. 240mm and 120mm radiators can also be mounted, but will only be supported by two screws. EVGA does not recommend to use a 240mm or 120mm radiator.



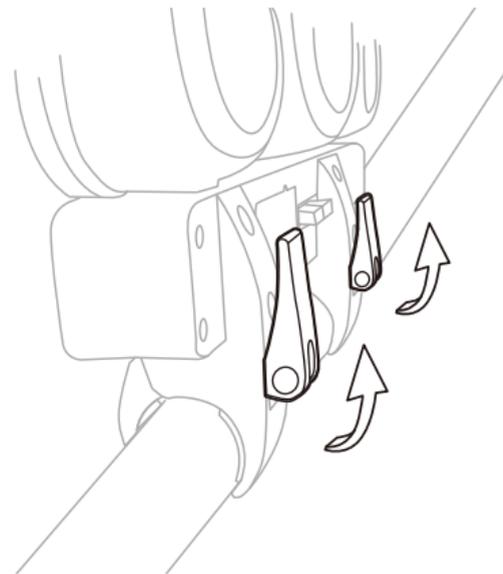
Analog Gauge & Front I/O Installation



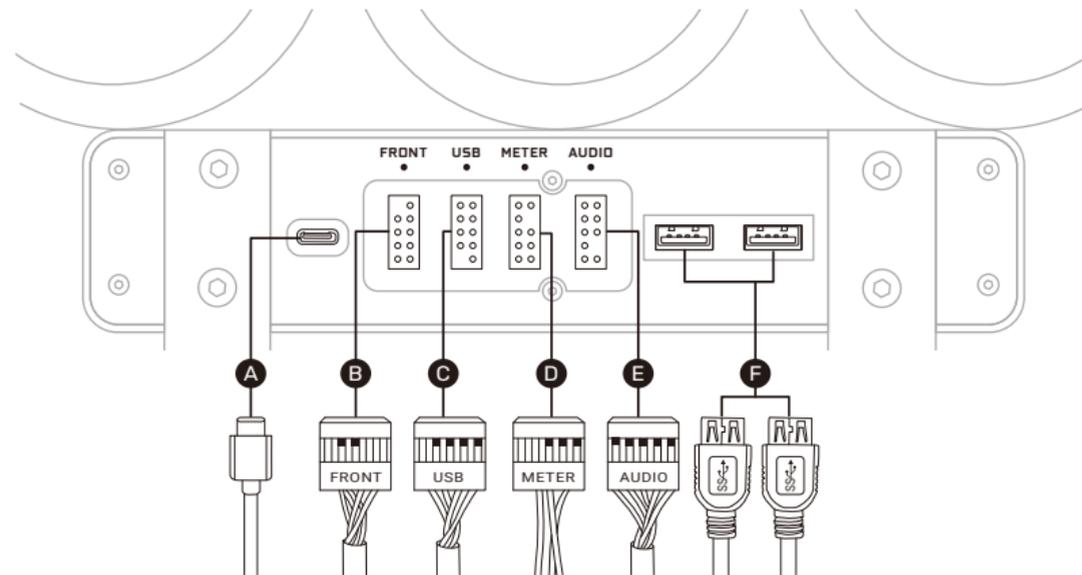
- 1 With the clasp open, attach the Analog Gauge and front I/O to the E1 Carbon Fiber frame.



- 2 Once the module is in position, lift up the clasps to lock the module in place.



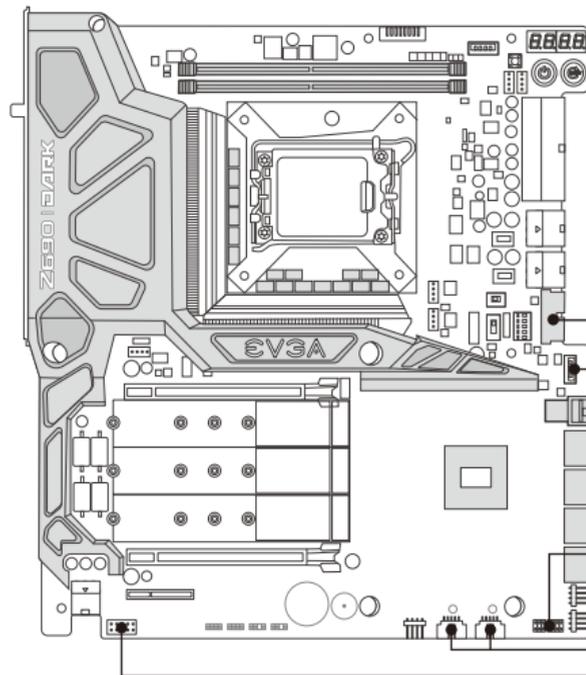
Front I/O Installation



- A** USB Type-C Extension
- B** Front Panel Connector
- C** USB Connector
- D** Meter Connector
- E** HD AUDIO Connector
- F** USB Extension x2

Plug (A)-(F) to the backside of the front I/O panel and connect the other end of the cables to your motherboard.

*Meter connector(D) originates from the Analog Gauges and only needs to be installed into the front I/O panel.



*This connector layout applies to the EVGA Z690 DARK motherboard. Please consult your motherboard manual if using a different motherboard.

- USB 3.2 Gen1 Header — **F**
- USB 3.2 Gen2 Header — **A**
- Front Panel Connectors — **B**
- USB 2.0 Headers — **C**
- Front Panel Audio Connector — **E**

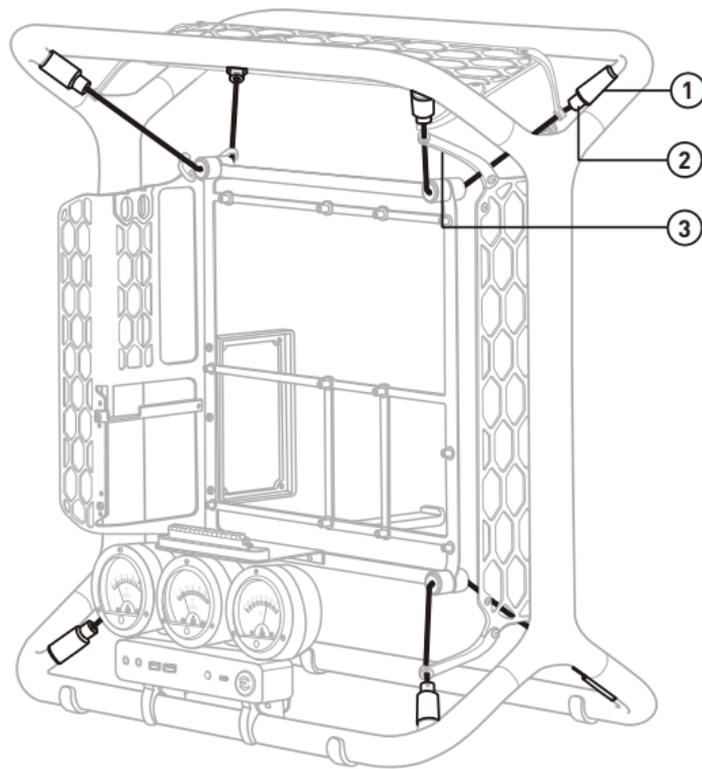
EVGA E1 Control Software

To activate the Analog Gauges, you must connect the USB 2.0 cable from the Front I/O to the USB 2.0 Header on your motherboard(C), and run the E1 Control Software. If the Analog Gauges are not active, please confirm that the E1 Control Software is running.



Scan to download E1 Control

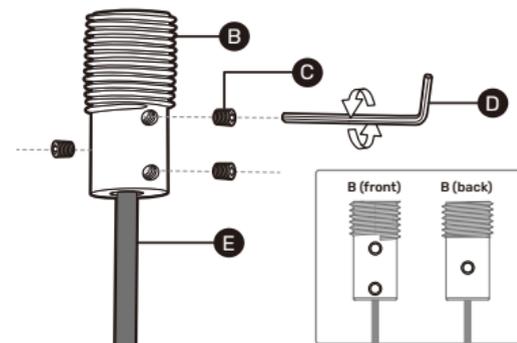
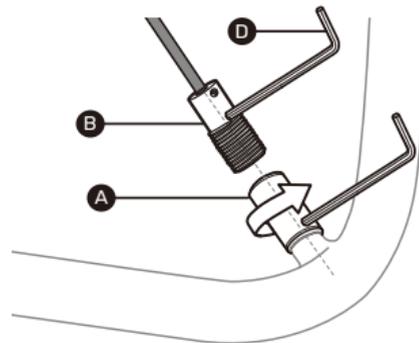
Suspension System Overview



- A** Metal Sleeve x8
- B** Sleeve Holder x8
- C** M4x5mm Full Threaded Screw x24
- D** Hex Key x2
- E** Steel Cable x4 (For Backup)
- F** Hook x8
- G** Rubber Grommets x8
- H** M3x6mm Screw x8

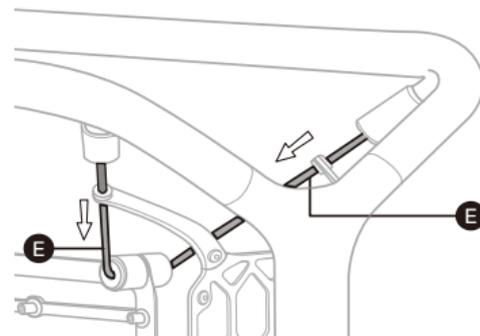
Suspension System Maintenance

- ① Use both hex keys(D) – use one to hold the sleeve holder(B) and use the other hex key as leverage to spin the metal sleeve(A) clock-wise until loose.
- ② Use hex key(D) to loosen all 3x M4x5mm full threaded screws(C) on the sleeve holder(B) and loosen the steel cable(E).



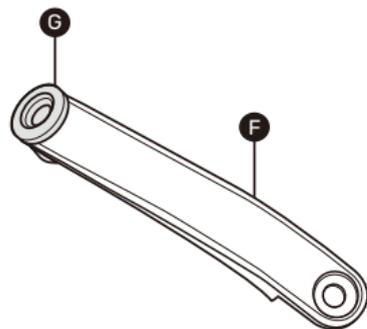
- ③ Pull out the steel cable(E) and install or remove the front/top radiator mount.

WARNING*: EVGA highly recommends to avoid loosening the suspension system unless you need to install or remove the top and/or front radiator mounts, or other components. Each time you reconfigure the suspension system, it is recommended to install a new steel cable(E) to ensure maximum tension.

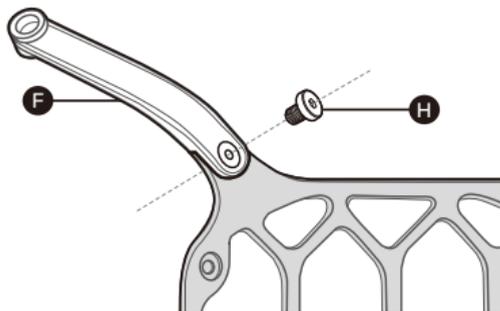


Radiator Mount Installation

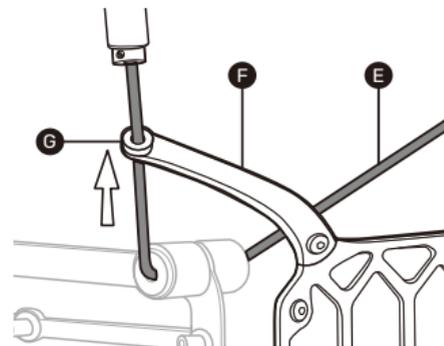
- ① Put rubber grommet(G) into the hook(F).



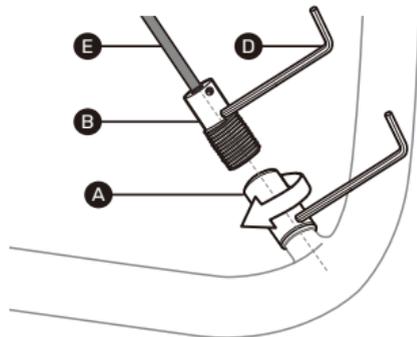
- ② Fasten M3x6mm screw(H) to fix the hook(F) and radiator mount.



- ③ Slide the steel cable(E) through the hook(F) and rubber grommet(G).



- ④ Thread the steel cable(E) into the sleeve holder(B), tighten the full threaded screws(C), and use the 2x hex keys(D) to fasten the sleeve holder(B) to the metal sleeve(A) in a counter-clockwise direction. (Please refer to p.18.)



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