		Doc. No: Date: 2024/8 Rev.:

Chassis Service Manual

Model: PA602



Authorize by		Review by		Originator by	

Form No :

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90DC00J0-B0030C

PA602 WOOD LEFT SIDE DOOR/CSC | Wood left side glass

Fully-assembled. (Consists of Upper bracket*1, Lower bracket*1, Left side glass*1, sticker set*1, Warning sticker*1, Upper foam pad*6, Lower foam pad*1, External vent cover*1, Vent mesh*1, Internal vent cover*1)



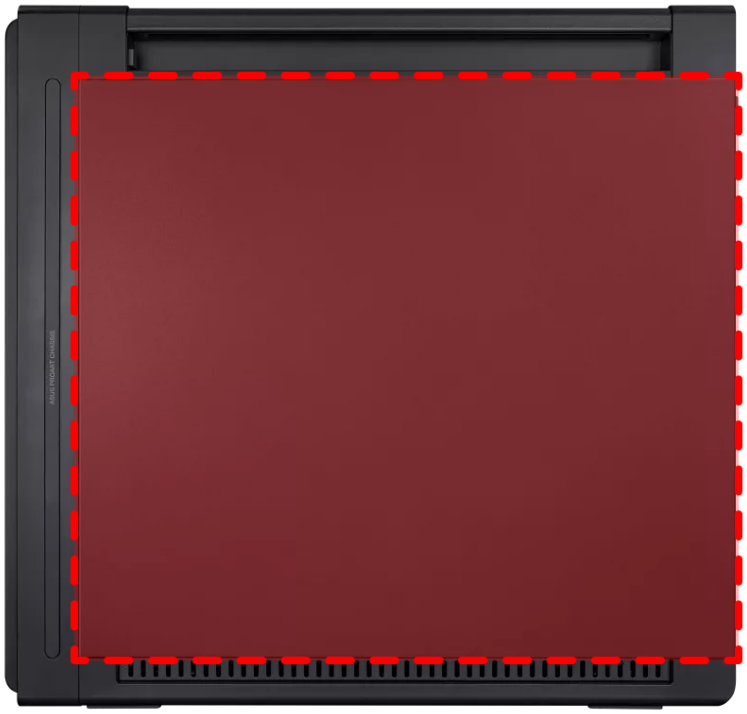
90DC00J0-B0020C

PA602 LEFT METAL DOOR/CSC | Left side metal door



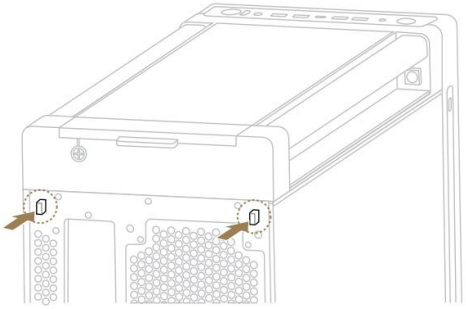
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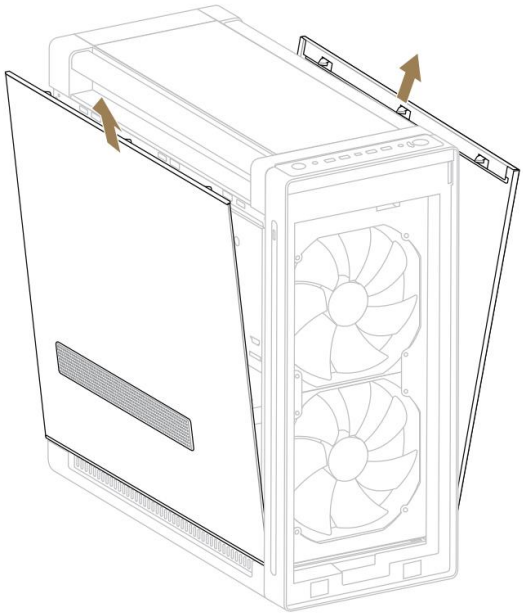
PA602 RIGHT SIDE DOOR/CSC | Right side metal door



Disassembly method: Press the side latch, and both side panels will pop out, then lift them upwards.

***Please handle with care when disassembling and assembling the glass side panel to avoid collision/drop/heavy pressure.**





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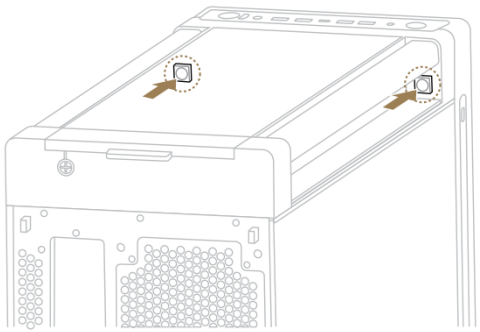
PA602 WOOD FRONT DOOR/CSC | Wood front door frame

Fully-assembled. (Consists of Front door frame*1, Decorative wood strips*9, Decorative wood panel*1, Reinforcement plate*1, Logo*1)

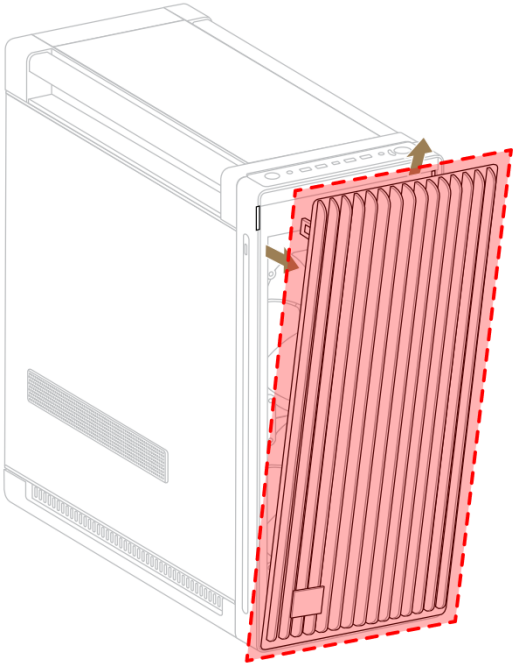


Disassembly method: Press the latches on both sides of the front panel, and the front door frame will pop out, then lift it upwards. Lift the front filter upwards, the remaining part is the front door frame.

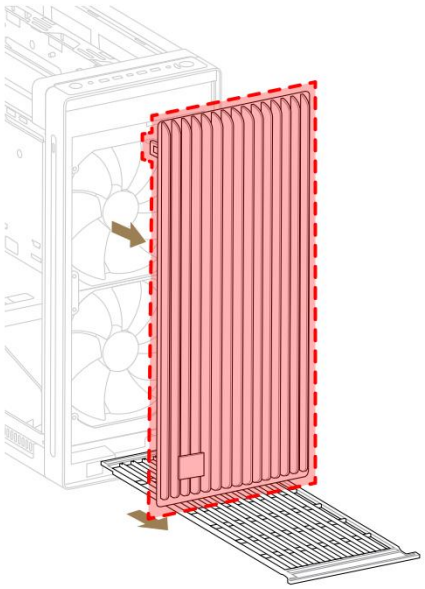
1.



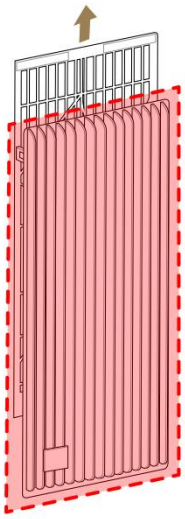
2.



3.



4.



90DC00J0-B0035C

PA602 WOOD FRONT PANEL/CSC | Wood front panel

Fully-assembled. (Consists of Front panel*1, M3 inner tooth copper nuts*4, Front door frame latches*2, latch mounting brackets*2, Latch springs*2, IR button board*1, IR indicator light*1, IR button*1, Right side decorative strip*1, Left side decorative strip*1, M3 chassis screws*4, Silicone pad*1)





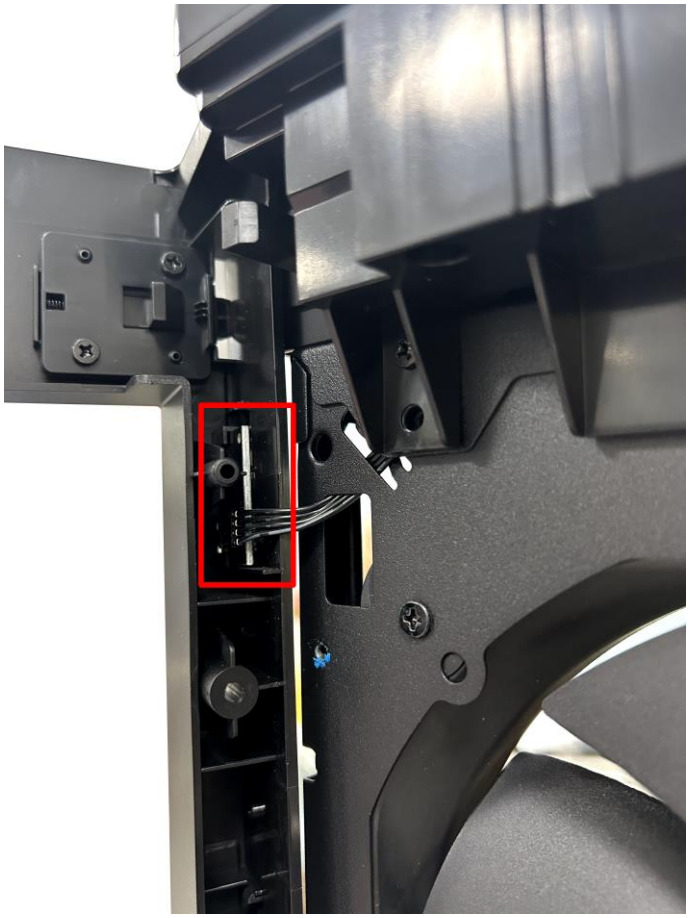
Disassembly method: Remove front door frame, then unscrew the eight screws on front panel.



Gently pull the front panel outward and remove the screws from the back of the IR sensor on the front panel.



Lift the front panel from the right side and remove the IR module.

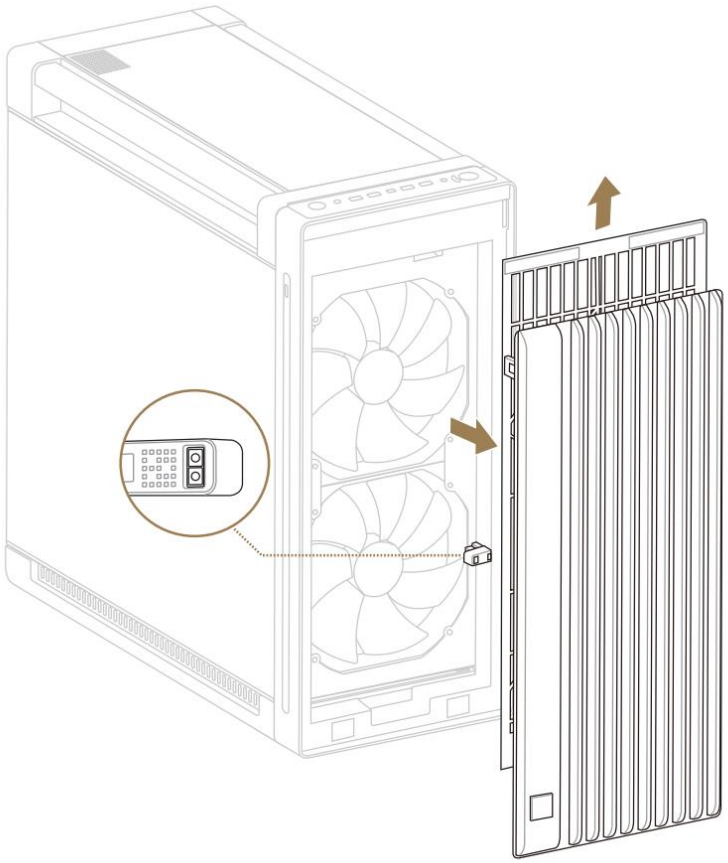


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PA602 FRONT IR/CSC | IR module

Fully-assembled. (Consists of IR cover*1, IR base*1, IR detector*1)

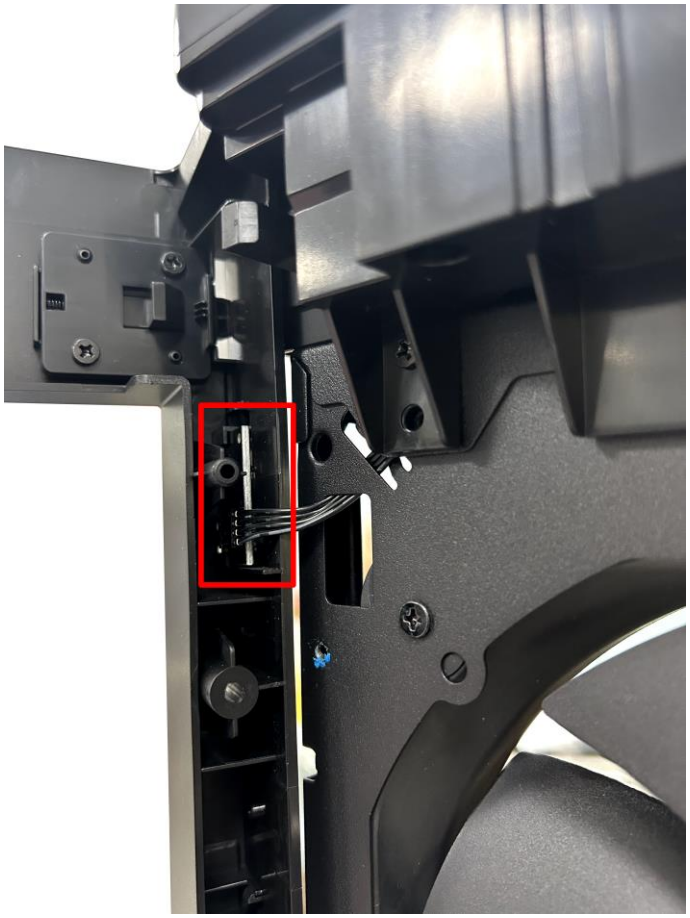




Disassembly method: Remove front door frame and front panel, gently pull the front panel outward and remove the screws from the back of the IR sensor on the front panel.



Lift the front panel from the right side and remove the IR module.



90DC00J0-B0014C

PA602 WOOD FIO MODULE/CSC | Wood FIO module

Fully-assembled. (Consists of IO decorative wood plate*1, FIO top cover*1, Power button*1, Power lock latch*1, Power lock cover*1, M2.5*6 flat head self-tapping screws*4, Power button spring*1, Reset button*1, Fan control button*1, FIO module*1, FIO box*1, M3 inner tooth copper nuts*2, T3 round head self-tapping screws*4)

FAQ: FIO buttons and ports not working



Disassembly method: Remove front door frame, front panel and IR module, then unscrew the three screws to remove the front I/O module.



90DC00J0-B000EC

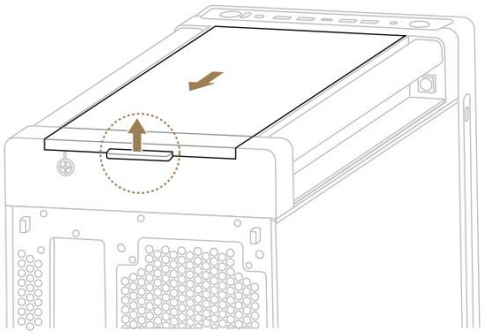
PA602 TOP FILTER/CSC | Top filter

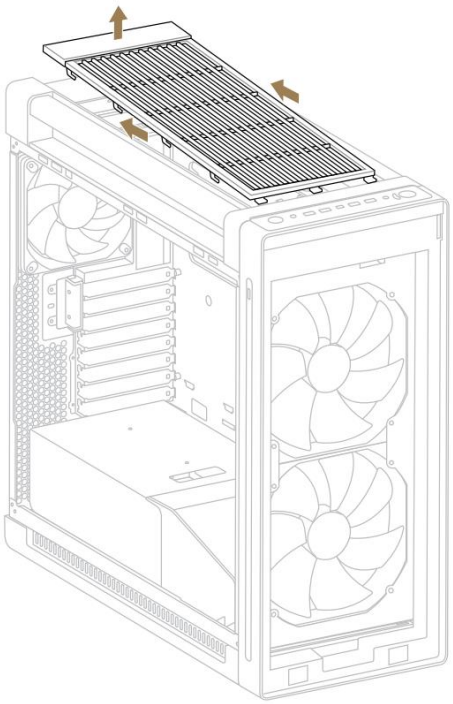
Fully-assembled. (Consists of Top cover mesh*1, Top cover nylon mesh*1, Top cover filter sheet*1, Clip*1)





Disassembly method: Hold the latch on the back side of the upper filter, lift it backward and upward to remove it.





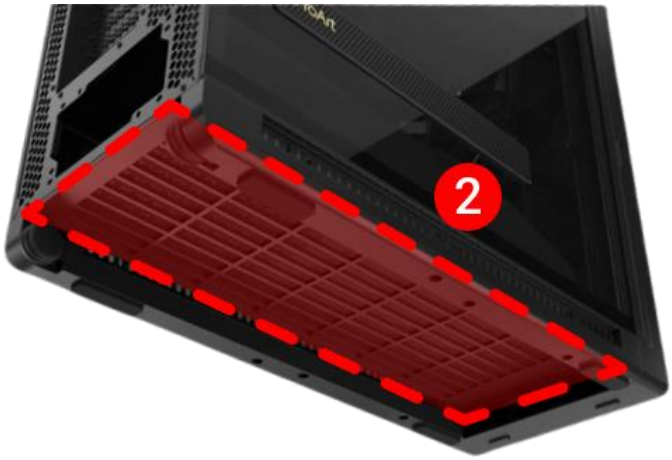
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PA602 WOOD FRONT LOW FILTER/CSC | Wood front & bottom filters

Contents: ①Front filter ②Bottom filter





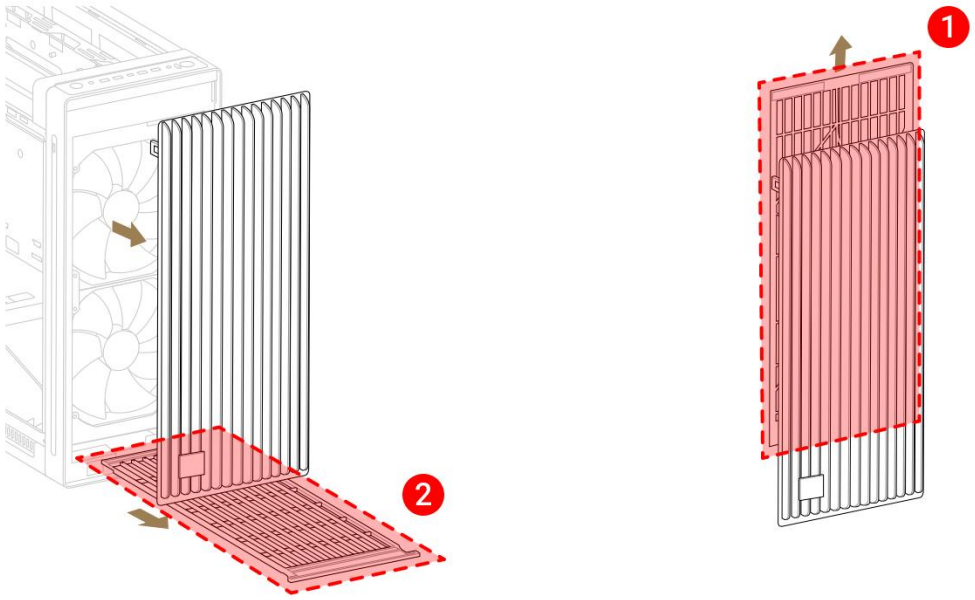




Disassembly method: Remove front door frame.

①Front filter: Lift the front filter upwards from the front door frame. It has a specific orientation, so make sure not to install it upside down.

②Bottom filter: Pull it forward from the bottom. It has a specific orientation, so make sure not to install it upside down.



90DC00J0-B0010C

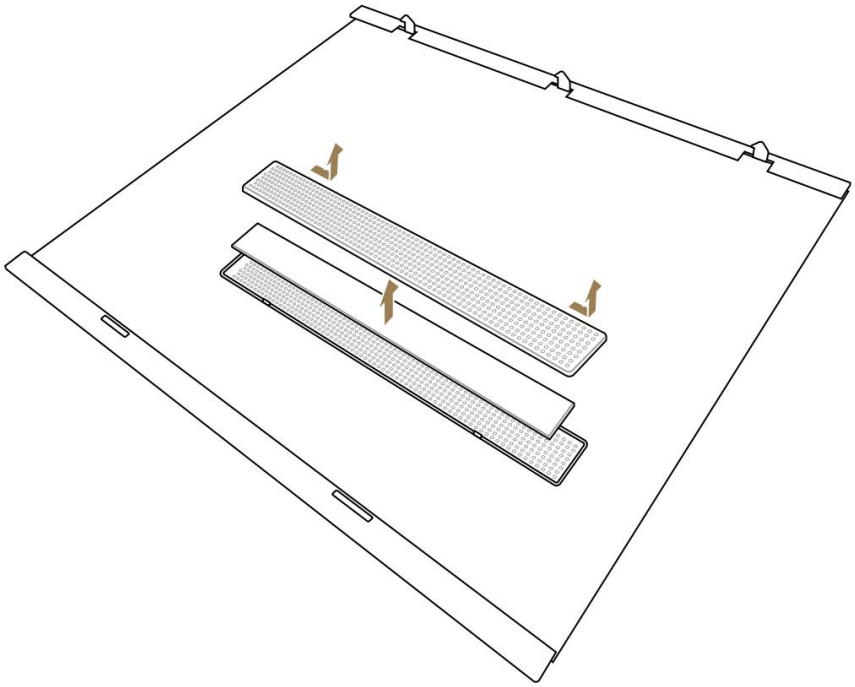
PA602 LEFT SIDE COVER/CSC | Vent cover

Fully-assembled. (Consists of External vent cover*1, Vent mesh*1, Internal vent cover*1)



Disassembly method: After removing the left side glass, with the inner side facing up, slide the vent cover to the right to remove it.

***Please handle with care when disassembling and assembling the glass side panel to avoid collision/drop/heavy pressure.**



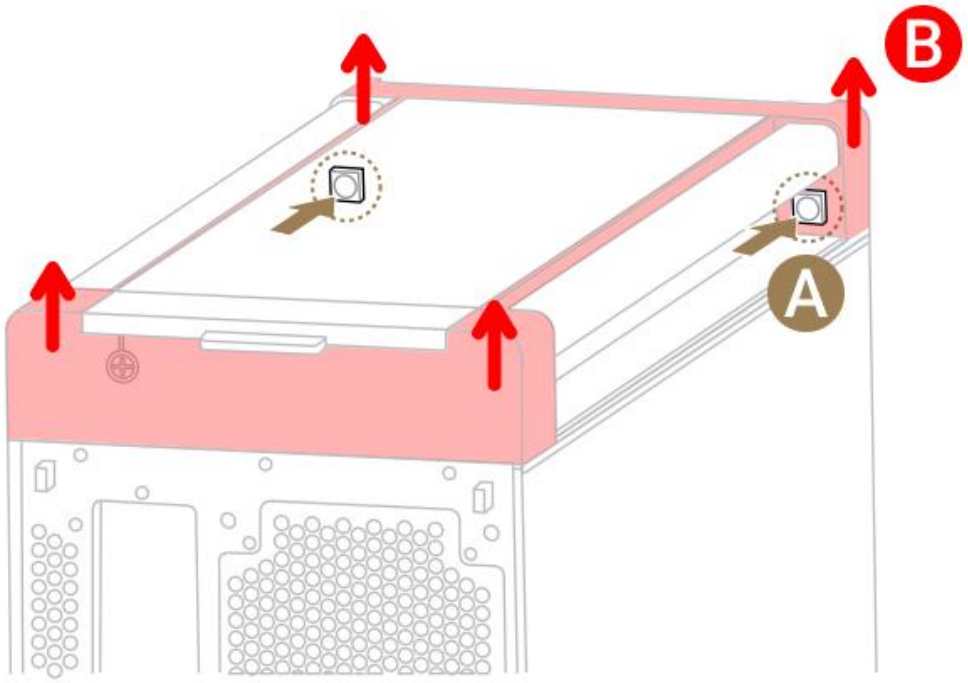
90DC00J0-B003LC

PA602 MISC TOP/CSC | Top repair kits

Fully-assembled. (Consists of Top cover*1, Decorative plate*2, Side panel button*2)



Disassembly method: Remove front door frame, front panel, IR module, FIO module and top filter. Push the back latches of the front panel until they're fully released, then lift the top frame simultaneously.



90DC00J0-B007LC

PA602 WOOD MISC LEFT HOLDER/CSC | Wood left holder

Fully-assembled. (Consists of Wood left holder*1, Left rear kit*1, Left front kit*1)



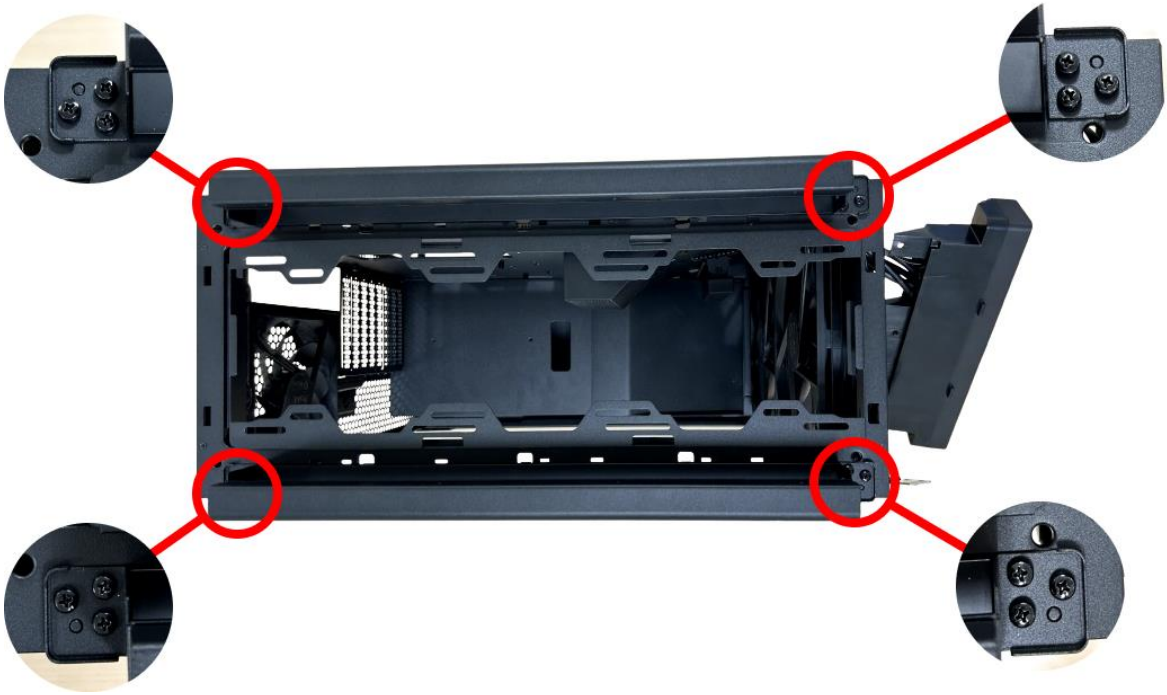
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PA602 WOOD MISC RIGHT HOLDER/CSC | Wood right holder

Fully-assembled. (Consists of Wood right holder*1, Right rear kit*1, Right front kit*1)



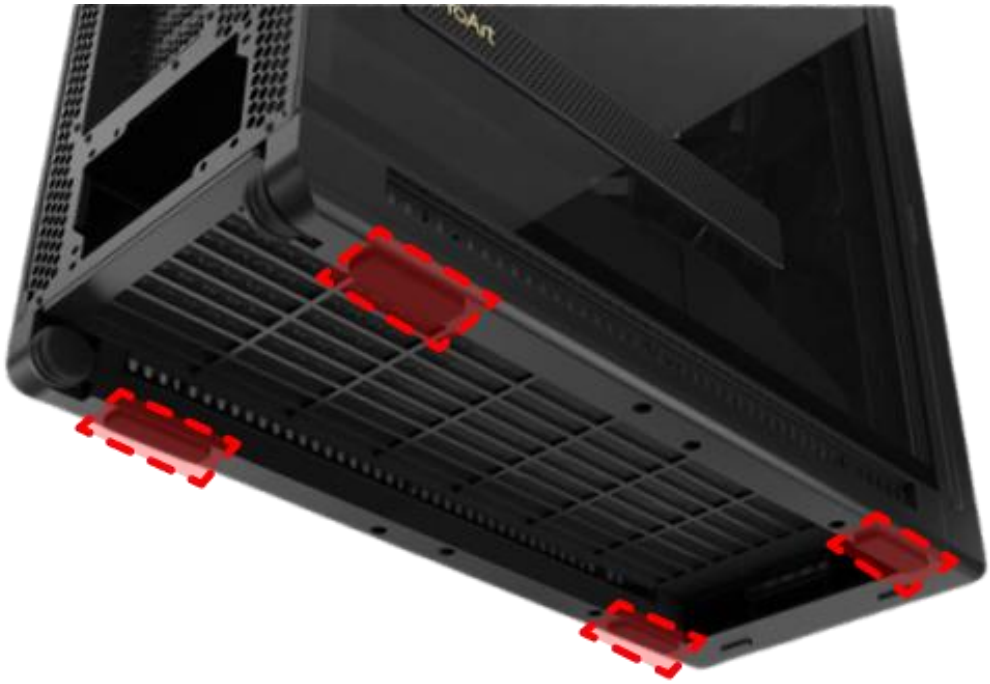
Disassembly method: Remove front door frame, front panel, IR module, FIO module, top filter and top frame. Each corner has three screws, totaling twelve. Unscrew them to remove the handles.



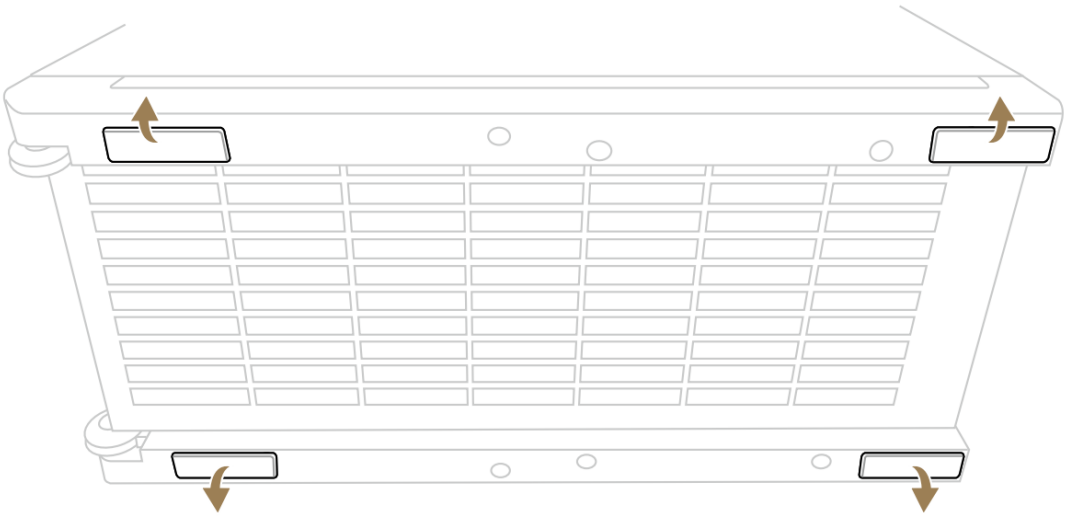
90DC00J0-B000MC

PA602 FEET/CSC | Rubber feet

Contents: Rubber feet*4



Disassembly method: Tear them off.



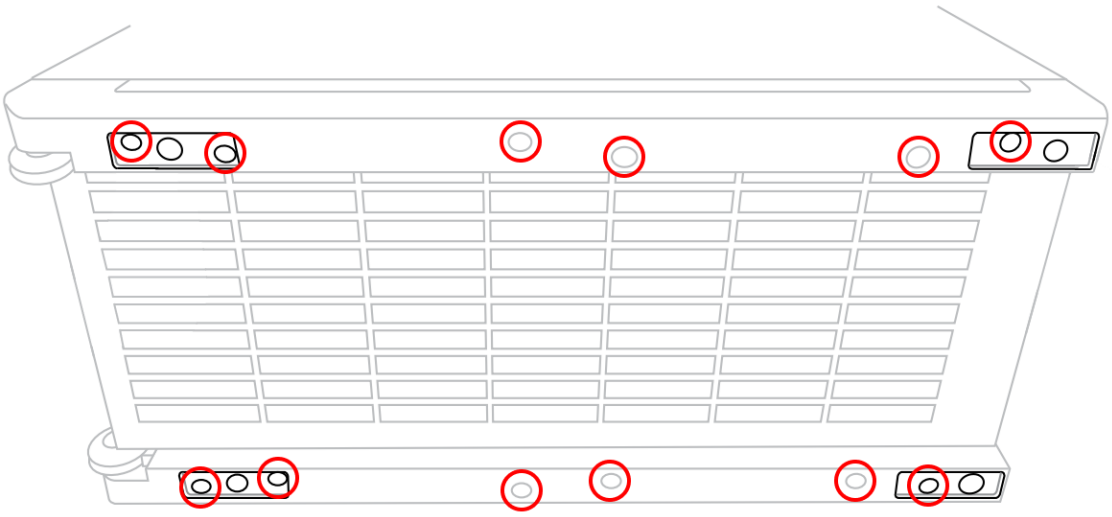
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PA602 MISC DOWN/CSC | Bottom repair kits

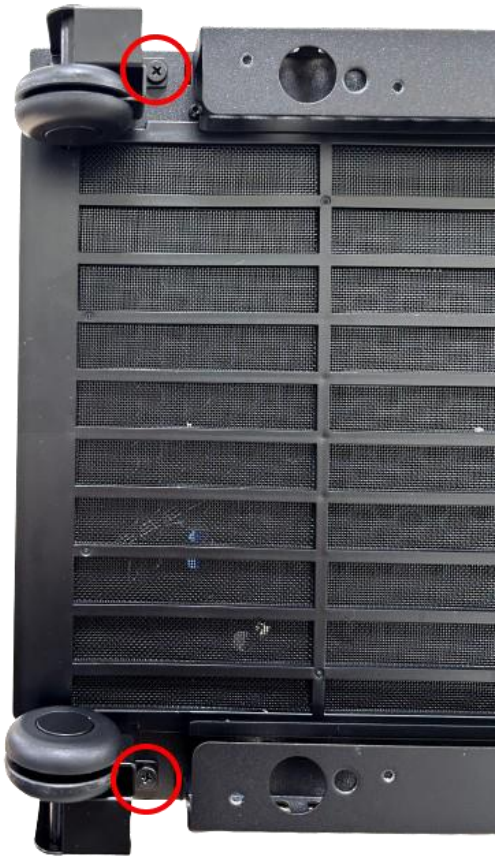
Fully-assembled. (Consists of Right foot stand*1, Left foot stand*1, Foot stand plate*2, Right wheel*1, Left wheel*1, Rubber feet*4)



Disassembly method: Tear rubber feet off and unscrew the 12 screws.



Unscrew the 2 screws to remove the built-in wheels.



90DC00J0-B0003C

PA602 20CM PWM FAN/CSC | 20cm PWM fan

FAQ: Fan not spinning, Fan noise





Disassembly method: Unscrew the four corner screws to remove it.



90DC00J0-B0013C

PA602 14CM PWM FAN/CSC | 14cm PWM fan

FAQ: Fan not spinning, Fan noise





Disassembly method: Unscrew the four corner screws to remove it.



90DC00J0-B0006C

PA602 FAN HUB/CSC | Fan hub

Fully-assembled. (Consists of Hub cover*1, Hub module*1)

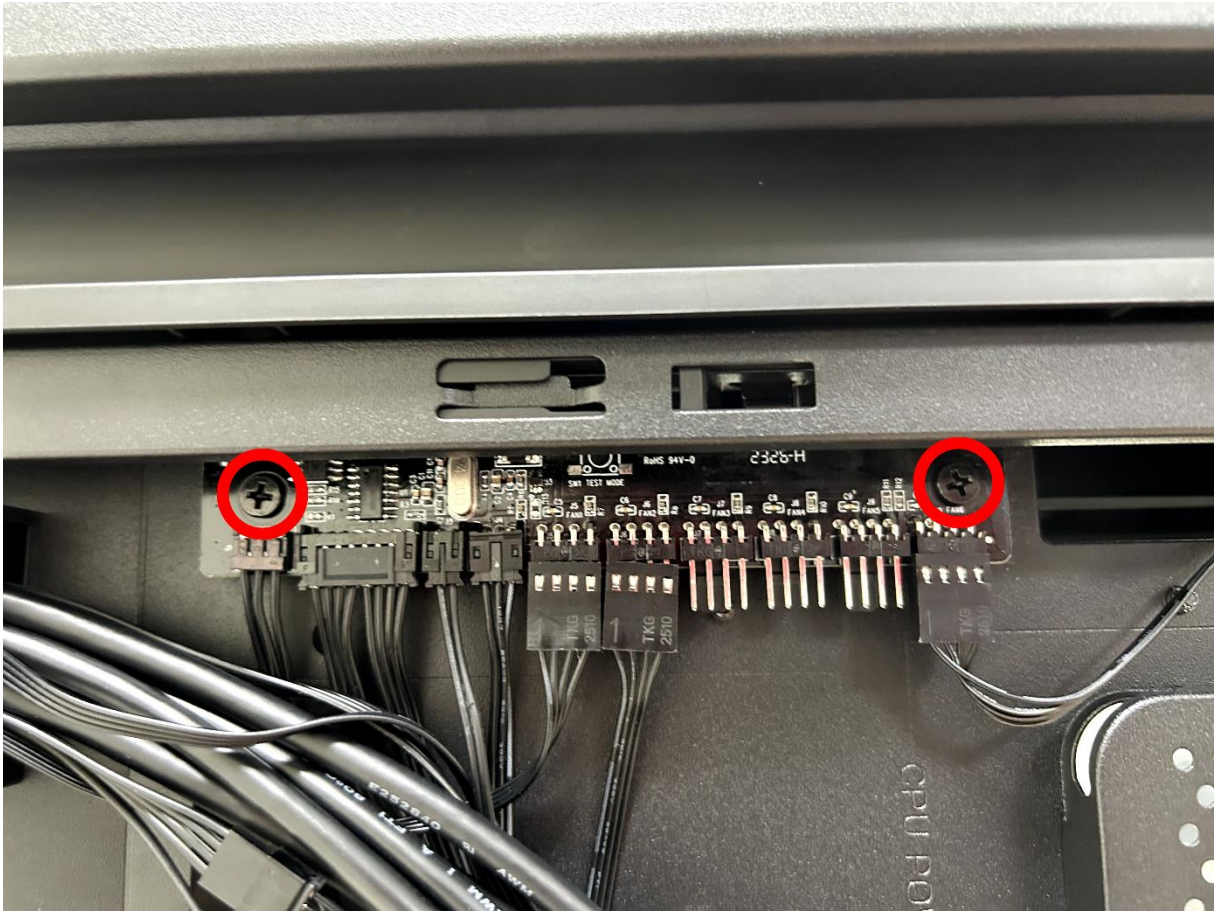
FAQ: Fan not spinning



Disassembly method: Remove the right side panel, then remove fan hub cover.



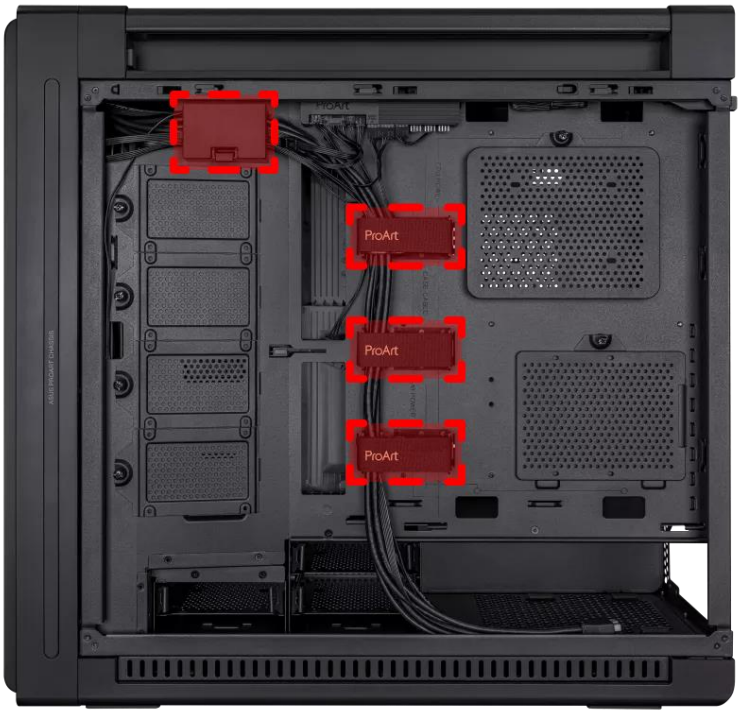
Unscrew the two screws to remove the fan hub.



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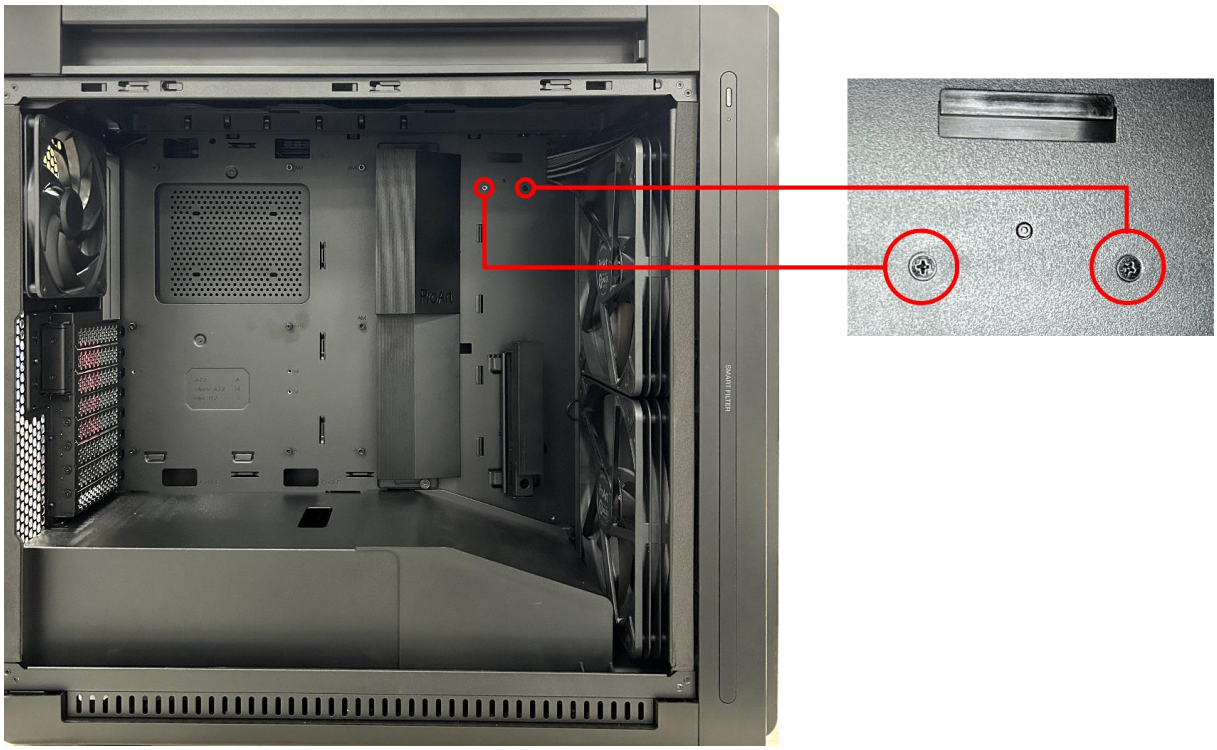
PA602 CABLE MANAGEMENT/CSC | Cable management

Contents: Cable clip*3, Hook-and-loop fastener*3, Cable clip cover*1

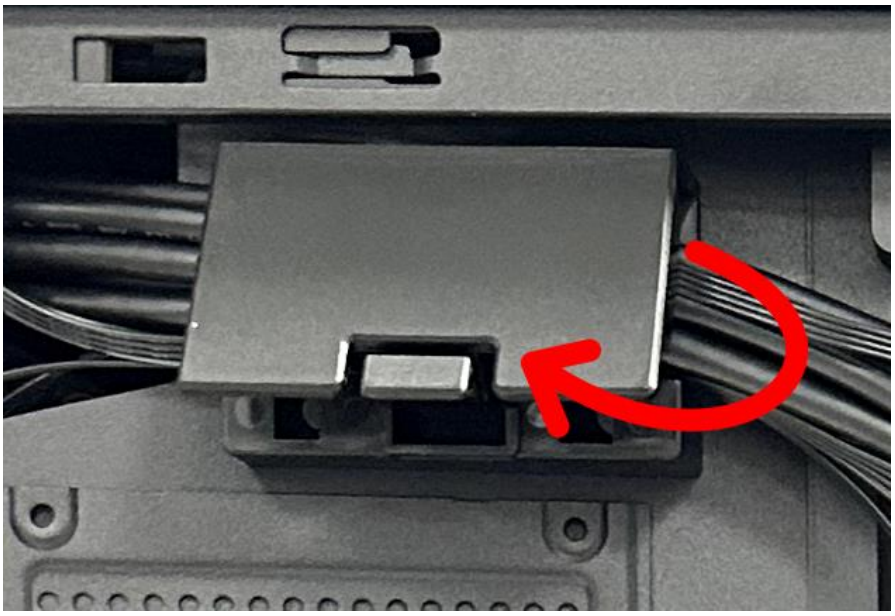


Disassembly method: Remove the both side panel.

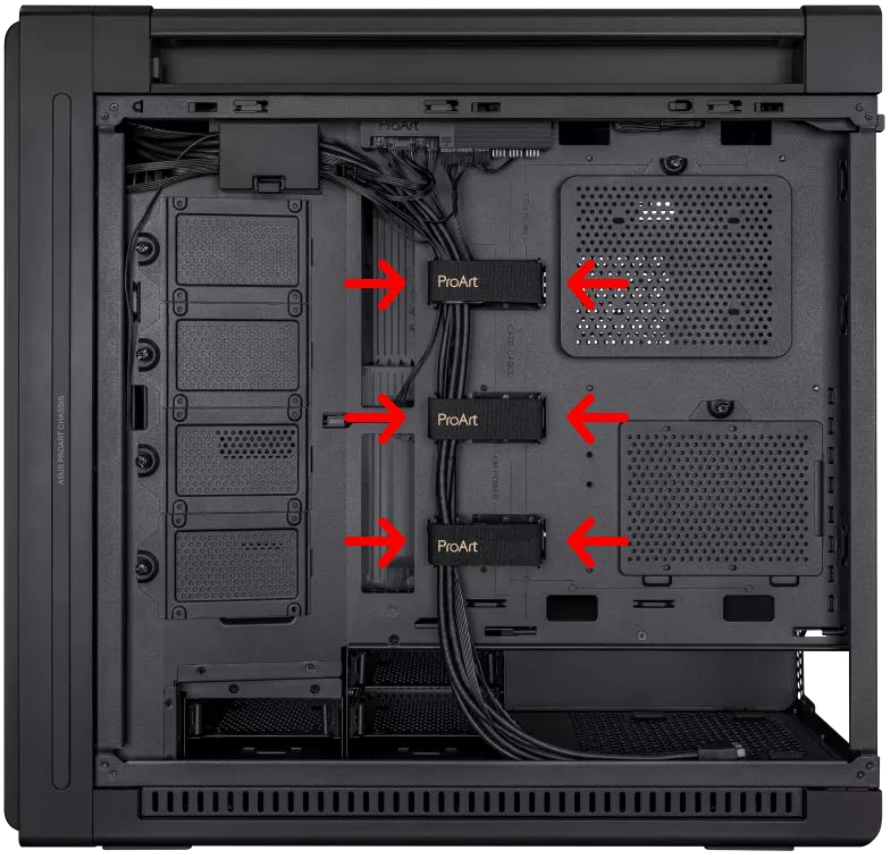
①Cable box: Unscrew the two screws next to the cable cover.



Open the cable box on the right side of chassis and remove the cables inside.



②Velcro straps & mounts: Squeeze inward with two fingers to remove mounts from the latches.



90DC00J0-B0009C

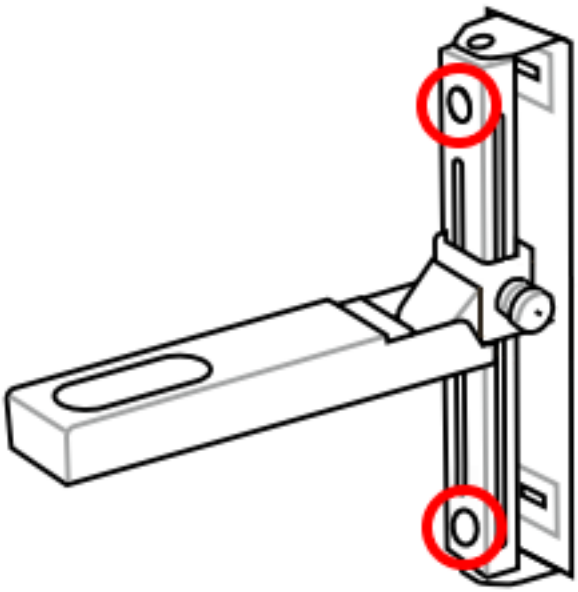
PA602 VGA HOLDER/CSC | VGA holder

Fully-assembled. (Consists of VGA holder base*1, Silicone plug*4, VGA holder pivot*1, Pivot washer*2, Umbrella head pin*2, VGA holder slider*1, 6#-32 VGA holder screw*1, 6#32 inner 7L hand-tighten screw*1, VGA holder pad*1, Magnet*1, Upper bracket*1, T3 self-tapping screws*2, Reinforcement plate*1, Lower bracket*1, Pivot pad*1, Pin bolt*1)





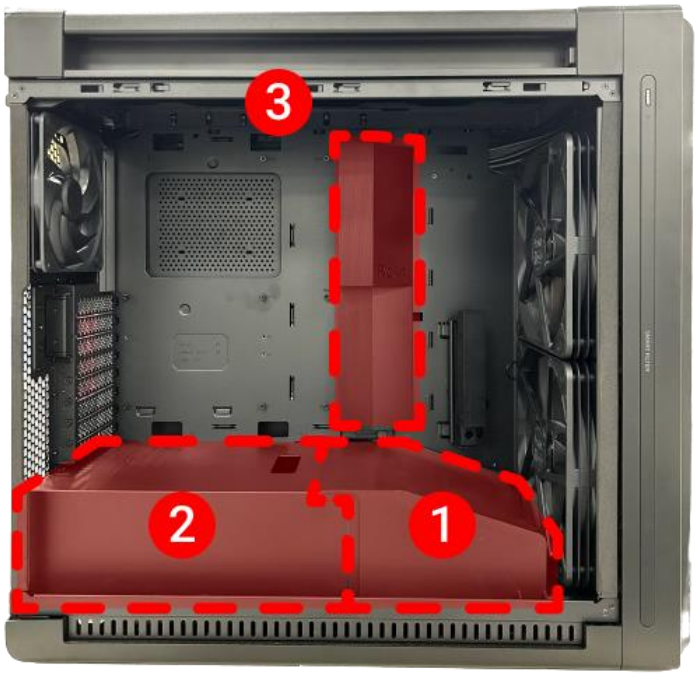
Disassembly method: Unscrew the two screws from the upper and lower circular holes on the pivot. Then, lift upward to remove it.



90DC00J0-B001JC

PA602 PSU COVER/CSC | PSU cover & air deflector & cable cover

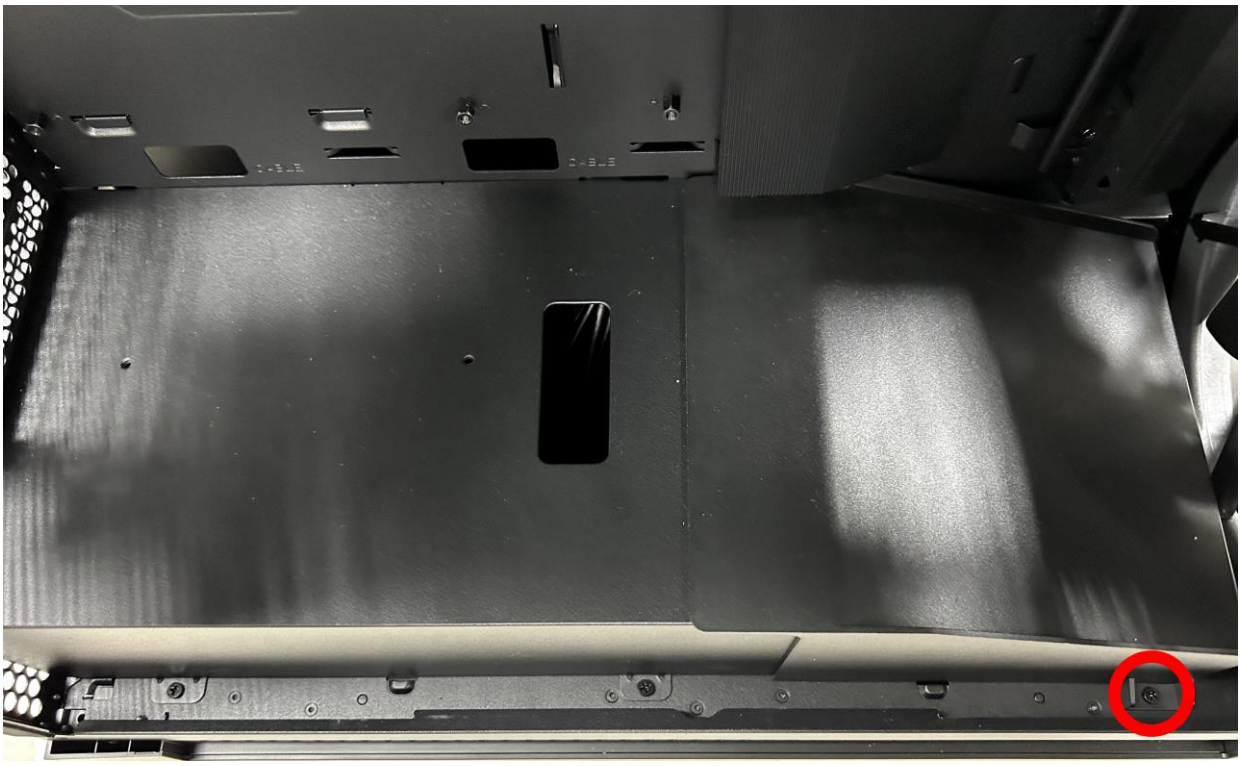
Contents: ①Air deflector*1 ②PSU cover*1 ③Cable cover*1



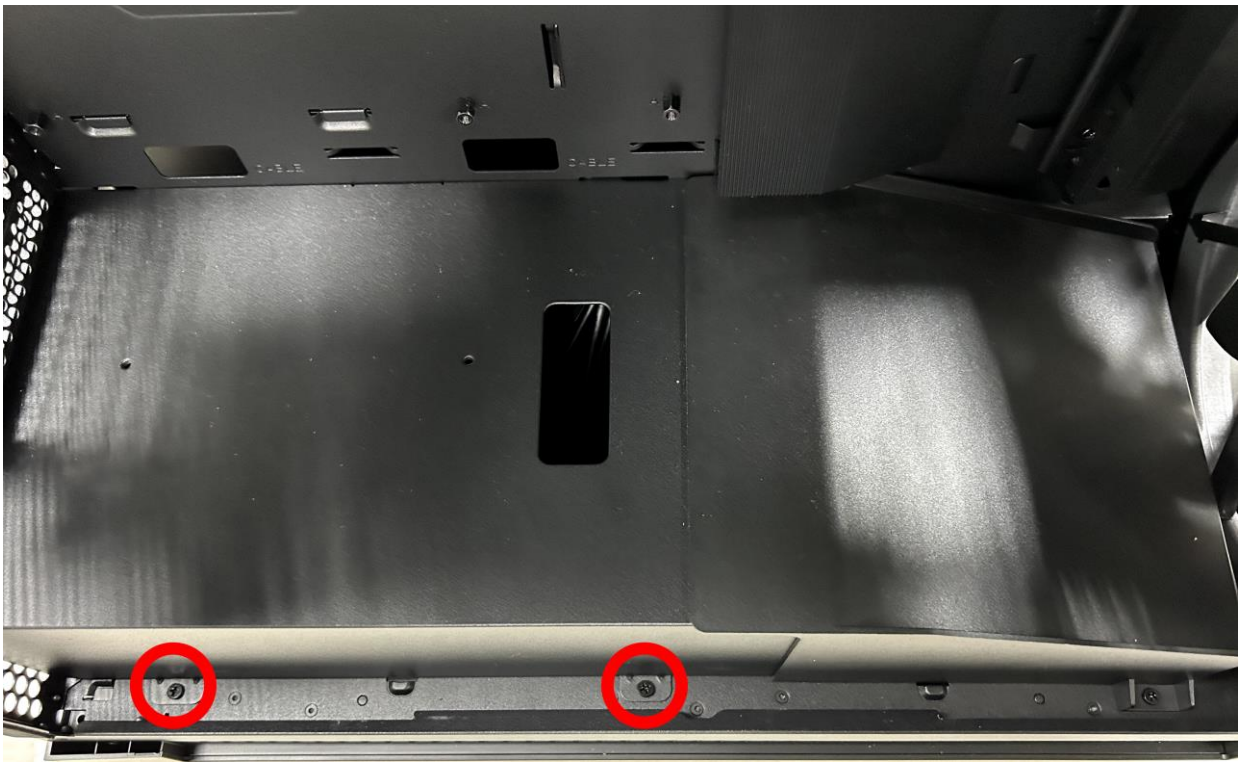


Disassembly method:

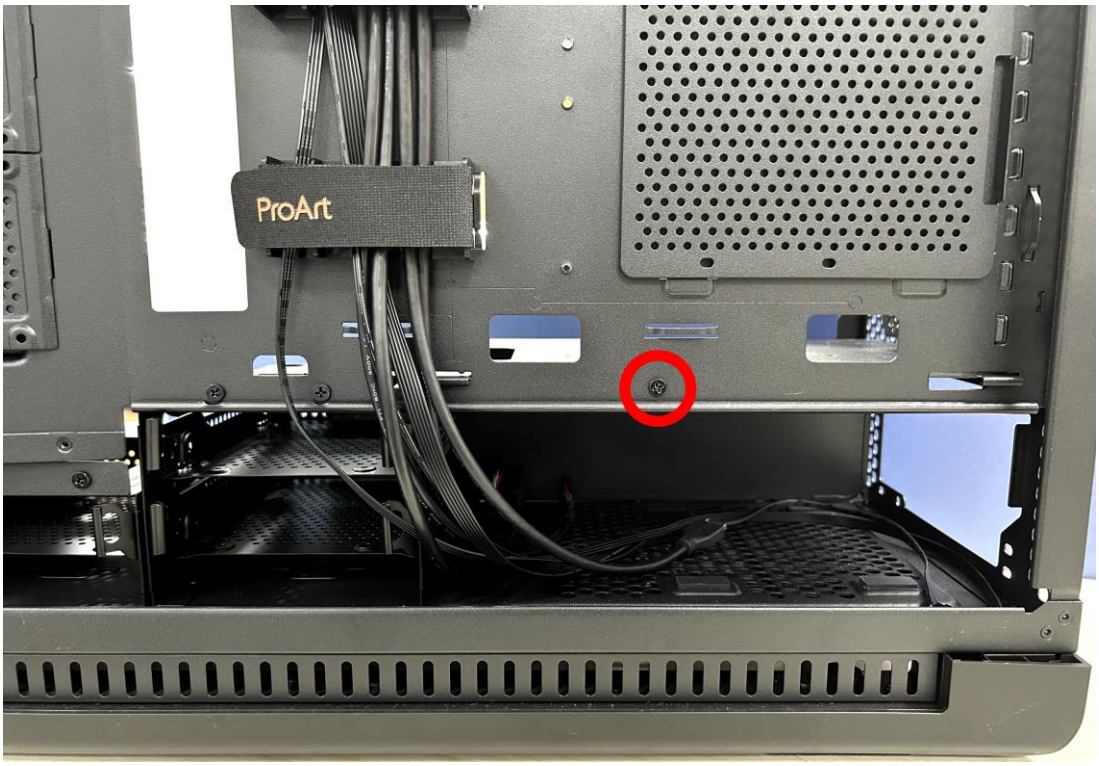
①Air deflector: Unscrew the single screw at the bottom left side of the chassis.



②PSU cover: Unscrew the two screws at the bottom left side of the chassis.



Unscrew the screw on the right side of the chassis.



③Cable cover: Unscrew the two screws on the upper and lower sides.

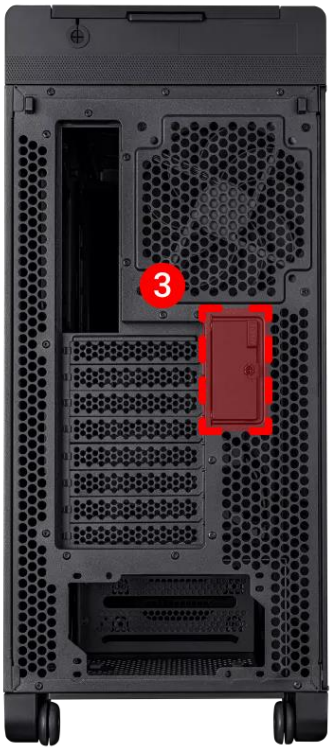


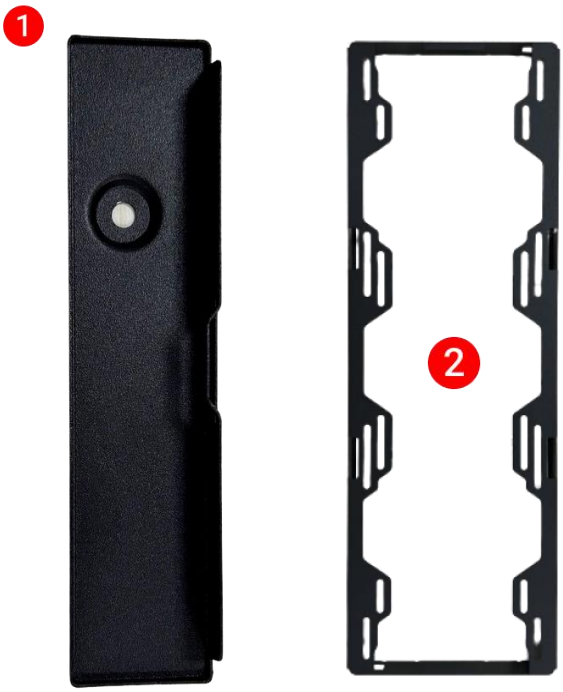
90DC00J0-B000LC

PA602 MISC VGA WIFI RADIATOR/CSC | Wi-Fi antenna compartment & fan bracket & Tool-free PCIe mounting

Contents: ①Wi-Fi antenna compartment*1 ②Fan bracket*1 ③Tool-free PCIe mounting*1





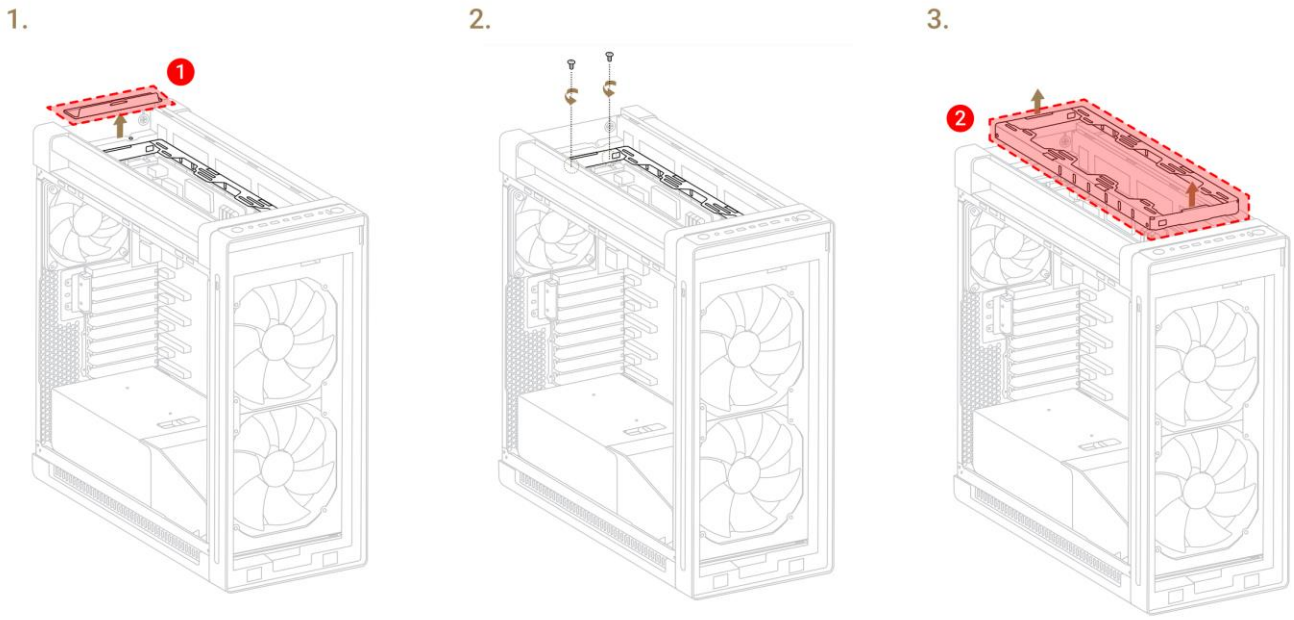




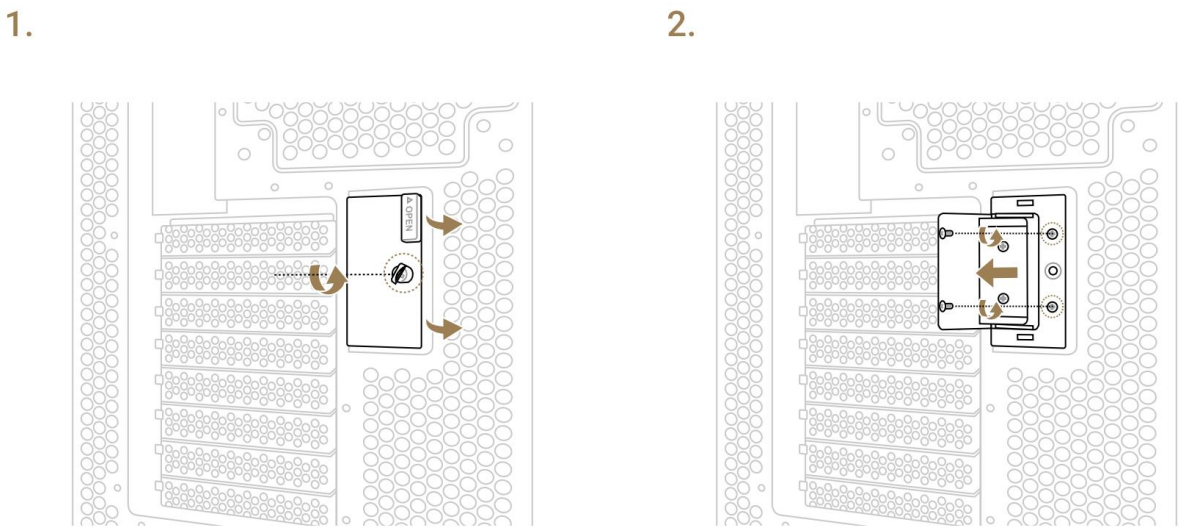
Disassembly method: First, remove the top filter.

①Wi-Fi antenna compartment: Lift it upwards.

②Fan bracket: Unscrew the top two screws and lift it upwards.



③Tool-free PCIe mounting: Loosen the hand-tighten screw and open it, then unscrew the top two screws.



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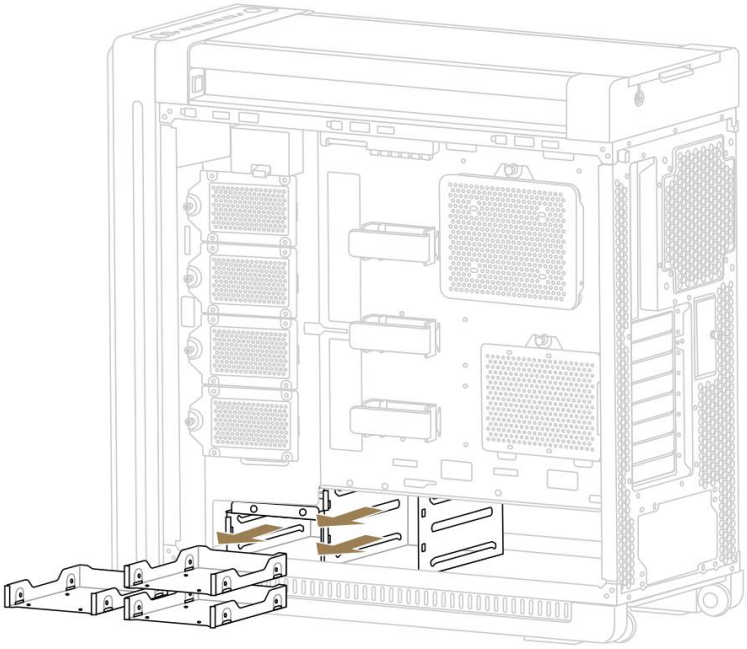
PA602 MISC 3.5 HDD/CSC | HDD tray

Contents: ①Tray*3 ②Single-layer tray bracket*1 ③Double-layer tray bracket*1

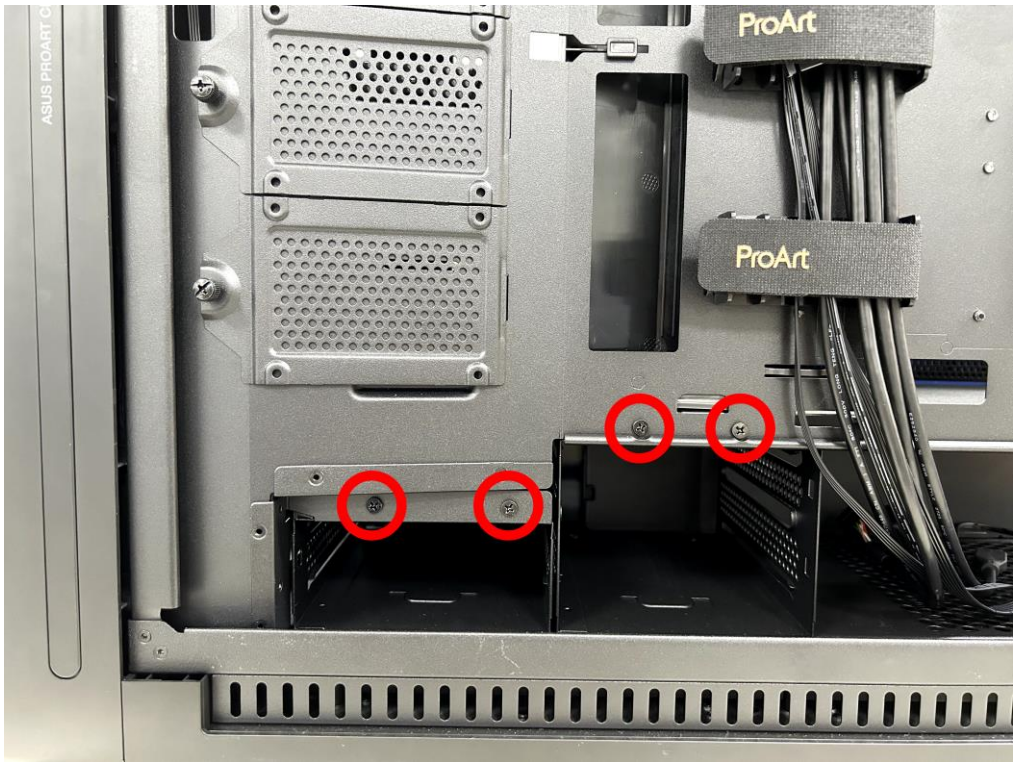




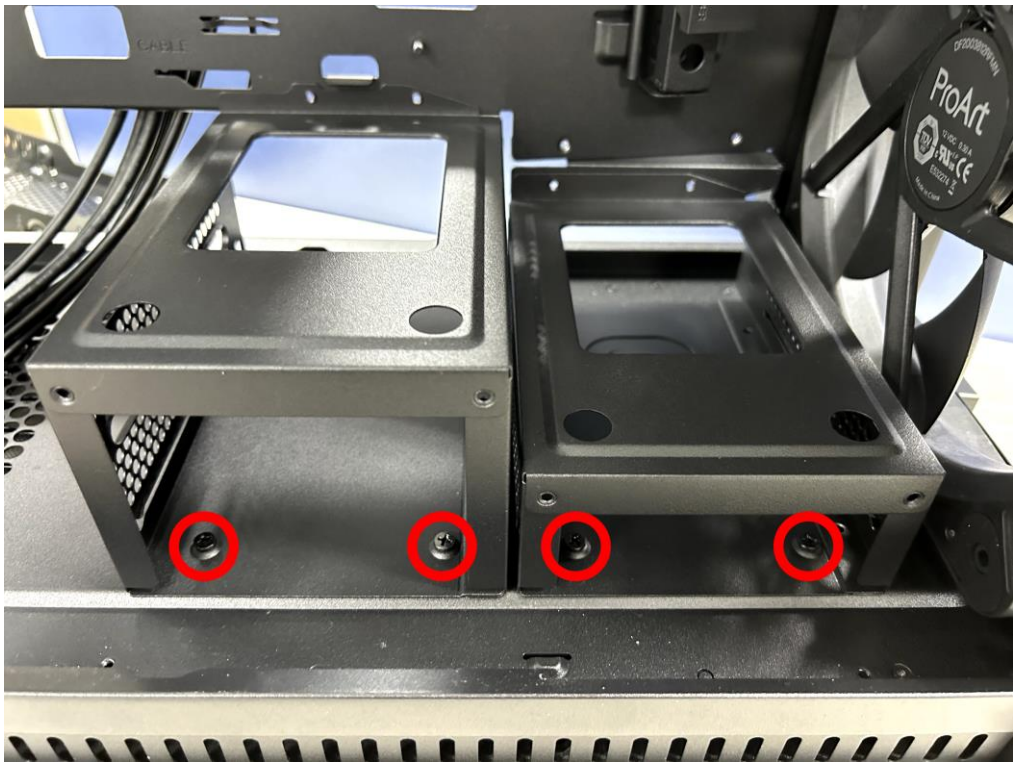
Disassembly method: Remove air deflector and PSU cover, then pull out the three trays from the right side of the chassis.



Unscrew the top two screws on each side, totaling four screws.



Pass through the two circular holes on each of the two tray brackets on the left side of the chassis, then unscrew a total of four screws to remove the tray brackets.

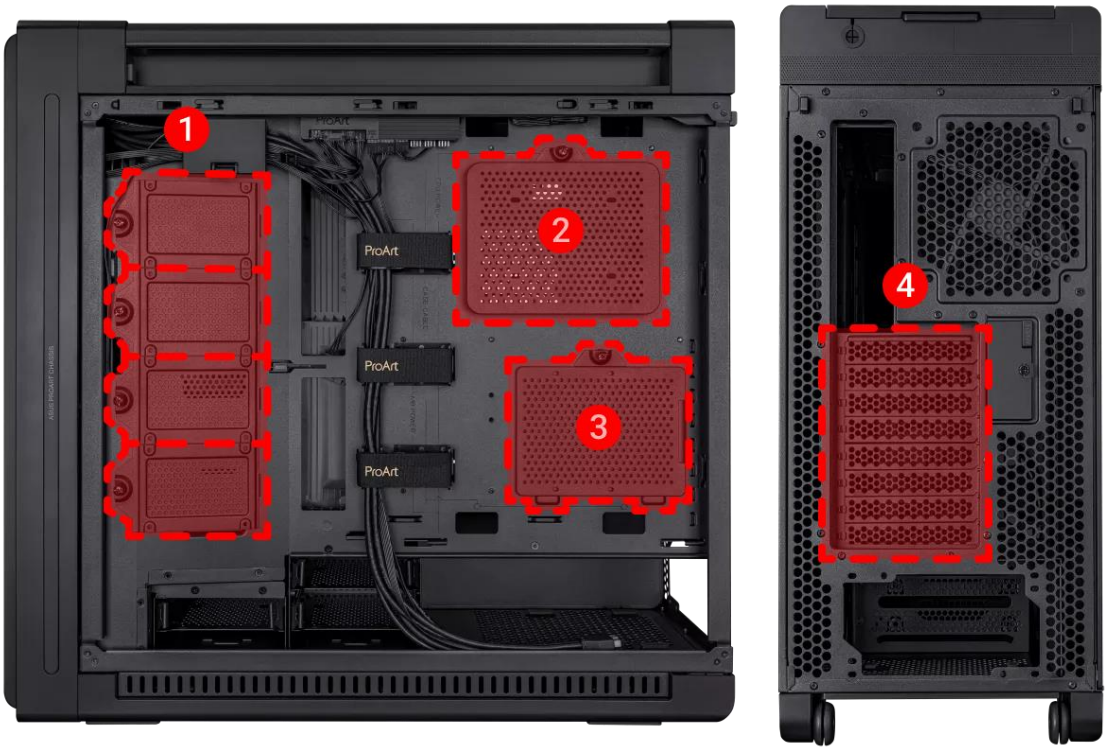


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PA602 MISC HDD TRAY PCIE/CSC | SSD/HDD brackets & PCIE slot cover

Contents: ①SSD bracket*1 ②AIO bracket*1 ③3.5HDD bracket*1 ④PCIE slot cover*8

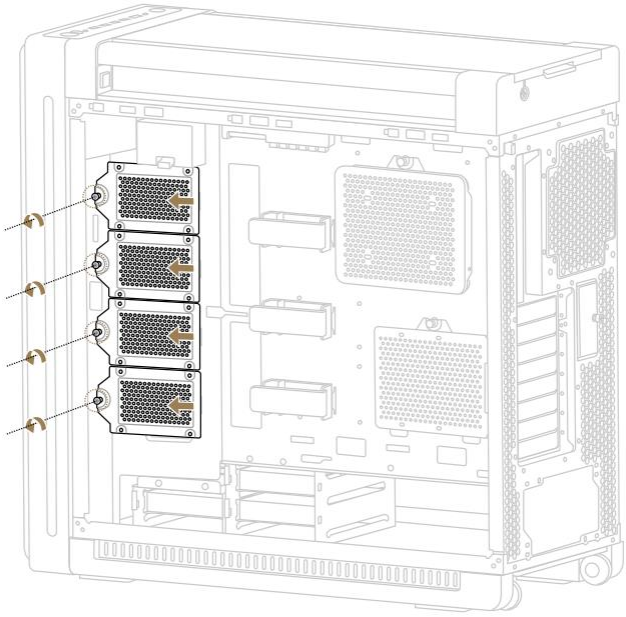
Hand-tighten screws*6



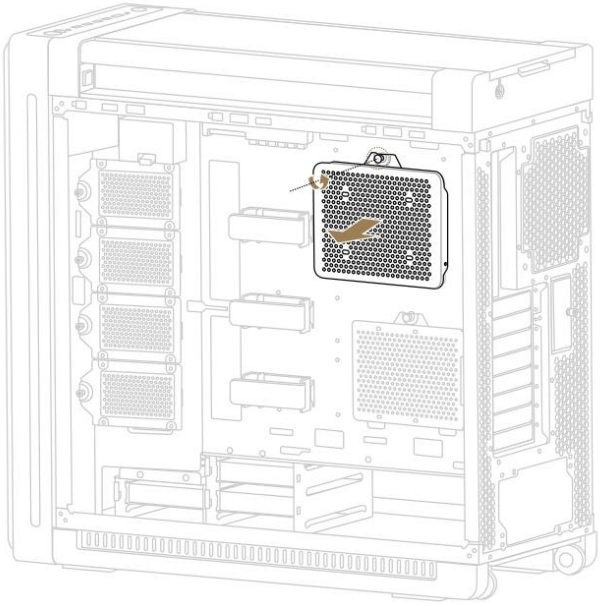


Disassembly method:

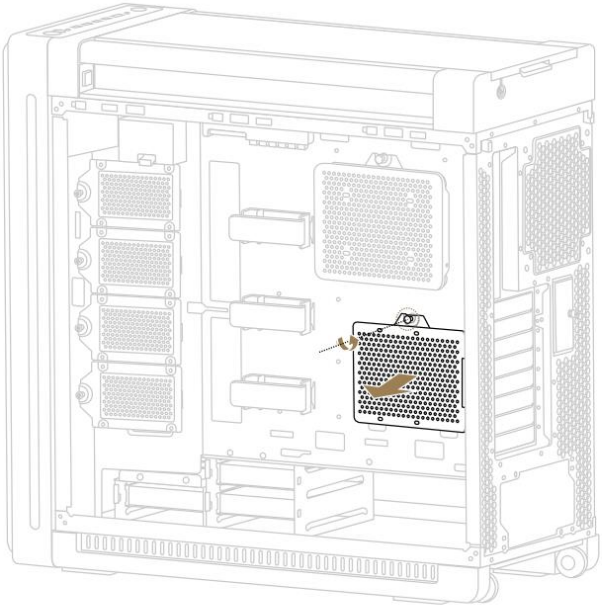
①SSD bracket: Unscrew the top screw and shift it to the left to remove it.



②AIO bracket: Unscrew the top screw.

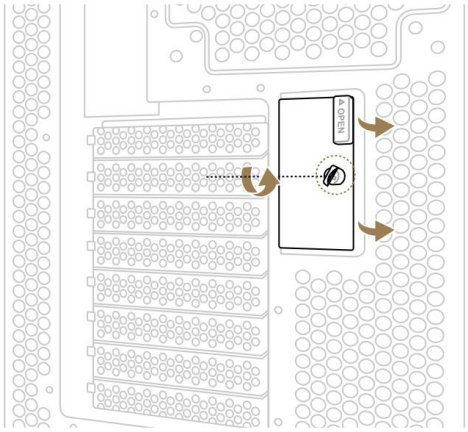


③3.5HDD bracket: Unscrew the top screw.

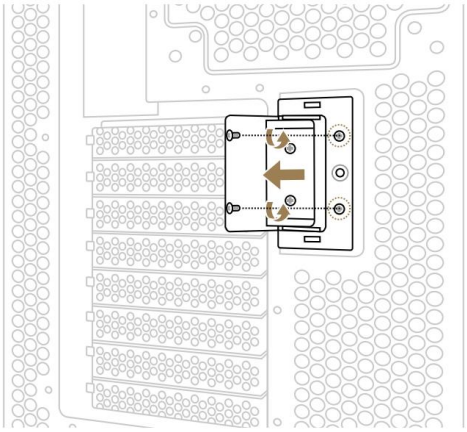


④PCIE slot cover: Loosen the hand-tighten screw and open it, then unscrew the top two screws to remove tool-free PCIe mounting.

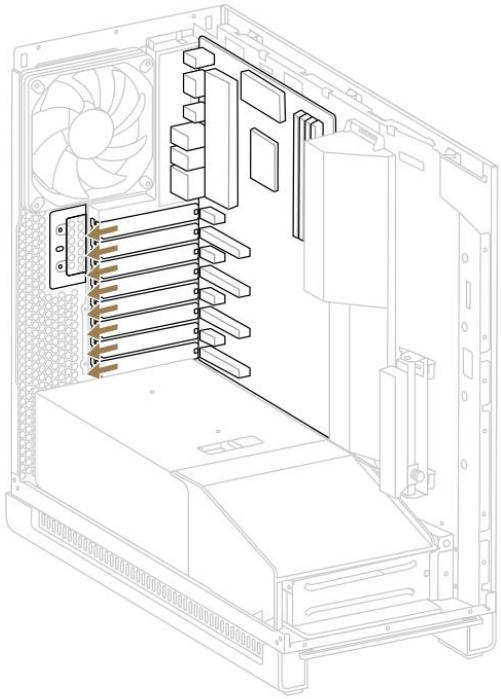
1.



2.



Then unscrew the screws on the PCIE slot cover to remove it.

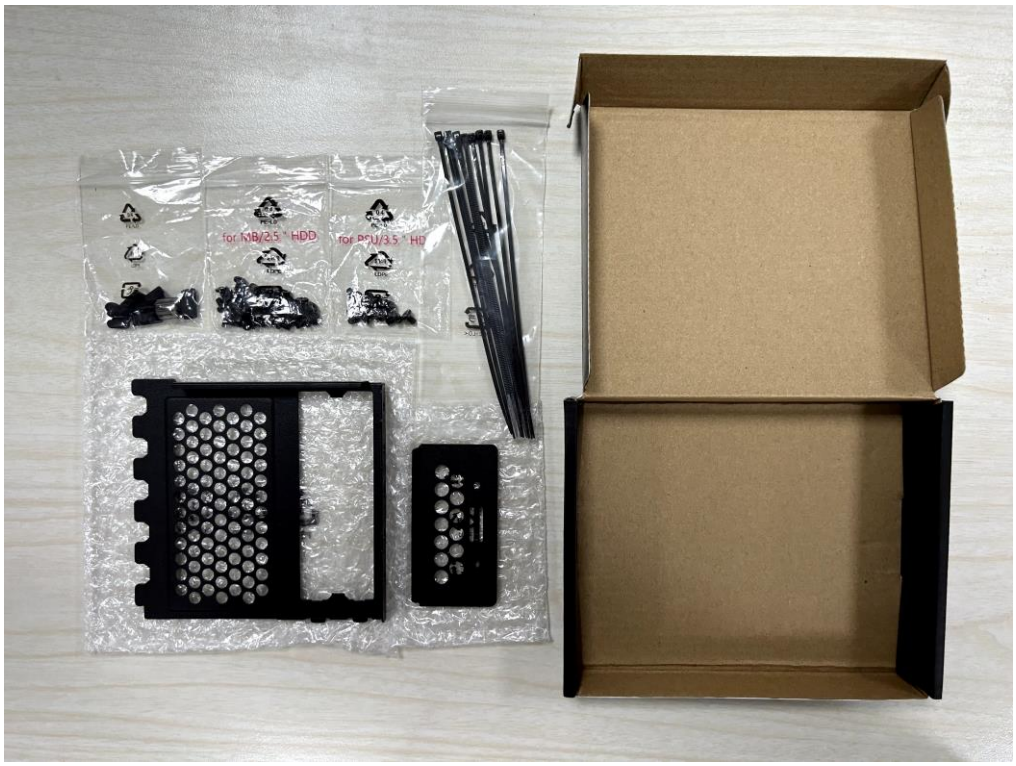


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PA602 MISC TOP/CSC | Accessory box

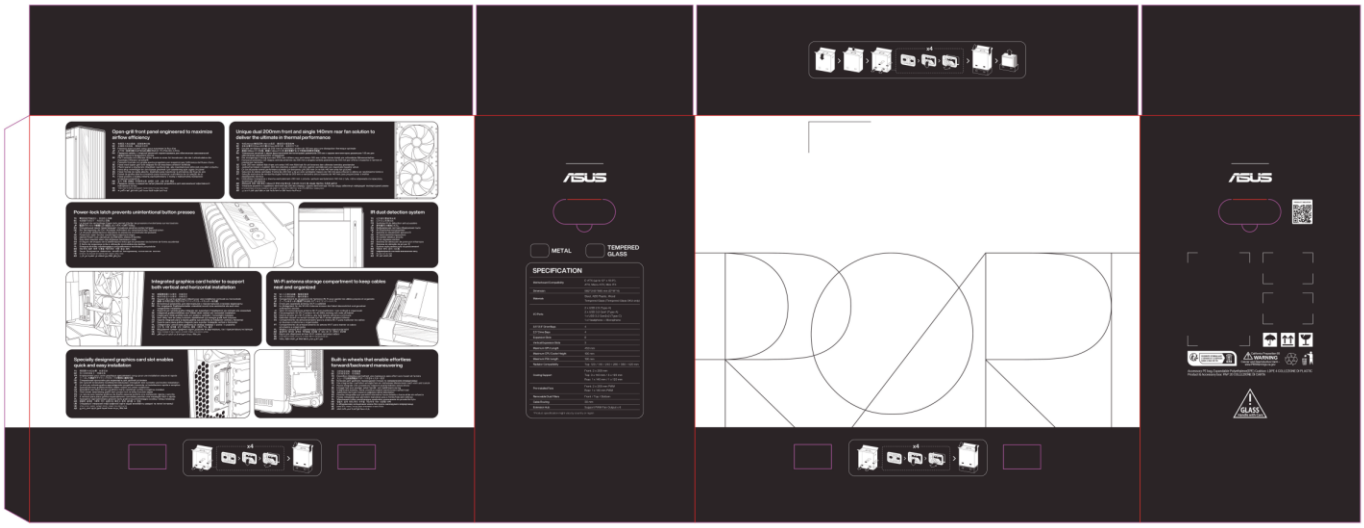
Contents: HDD screws*20, M3 chassis screws*40, Hex socket*1, USB Type-A dust covers*4, USB Type-C dust covers*1, Cable ties*10, Vertical graphics card mount*1, PCIE cover*1





90DC00J0-B0018C

PA602 WOOD CARTON/CSC | Wood color box



FAQ:

1. Fan not spinning - Related components: 20cm PWM fan, 14cm PWM fan, Fan hub
   ①Dust and debris can accumulate on the fan blades over time, causing it to stop spinning. Check for any physical obstructions that may be blocking the fan's movement and remove them. Please remove the fan from the fan hub and directly connect it to the fan header on the motherboard. If the fan still doesn't work, please replace the fan.
   ②Make sure that the fan is properly connected to the fan hub. The fan has a 4-pin connector, ensure that the cable is securely plugged into the motherboard or the fan hub.
   ③If it is confirmed that the fan can work, it means the fan hub is damaged, please replace it.

2. Fan noise - Related components: 20cm PWM fan, 14cm PWM fan
   ①Over time, dust can accumulate on the fan blades, causing them to become unbalanced and produce noise. Turn off your computer and carefully clean the fan blades using compressed air or a soft brush to remove any dust or debris.
   ②Adjust the fan speed settings in the computer's BIOS or through software provided by the motherboard manufacturer. Lowering the fan speed can help reduce the noise level. However, be cautious not to set the fan speed too low, as it could lead to overheating.

3. FIO buttons and ports not working - Related components: FIO module
   ①Ensure that the cables connecting the FIO buttons and ports to the motherboard are properly connected. Sometimes, these cables can come loose or get disconnected, leading to functionality issues.
   ②Reconnecting the cables can resolve poor connections. Gently disconnect all the cables, wait for a while, and then plug them back into the corresponding headers on the motherboard.
   ③If reconnecting the cables does not solve the issue, please replace the FIO module.