

SFF TIME P-ATX V2.1 MANUAL



Dear customer,

Thank you for purchasing SFF time P-ATX V2 case. Please read full compatibility list before assembling your PC. You can find it on sfftime.com.

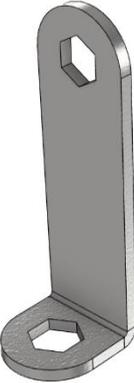
If you have any doubts about choosing your components, or steps in this manual, please contact us via email on info@sfftime.com, and we will be glad to assist you.

Important notes:

- always use the correct screwdriver tip for corresponding bolts (PH1 or PH2)
- always use the correct bolt type
- do not overtight the bolts
- do not force the components in, each component should be installed without using excessive force



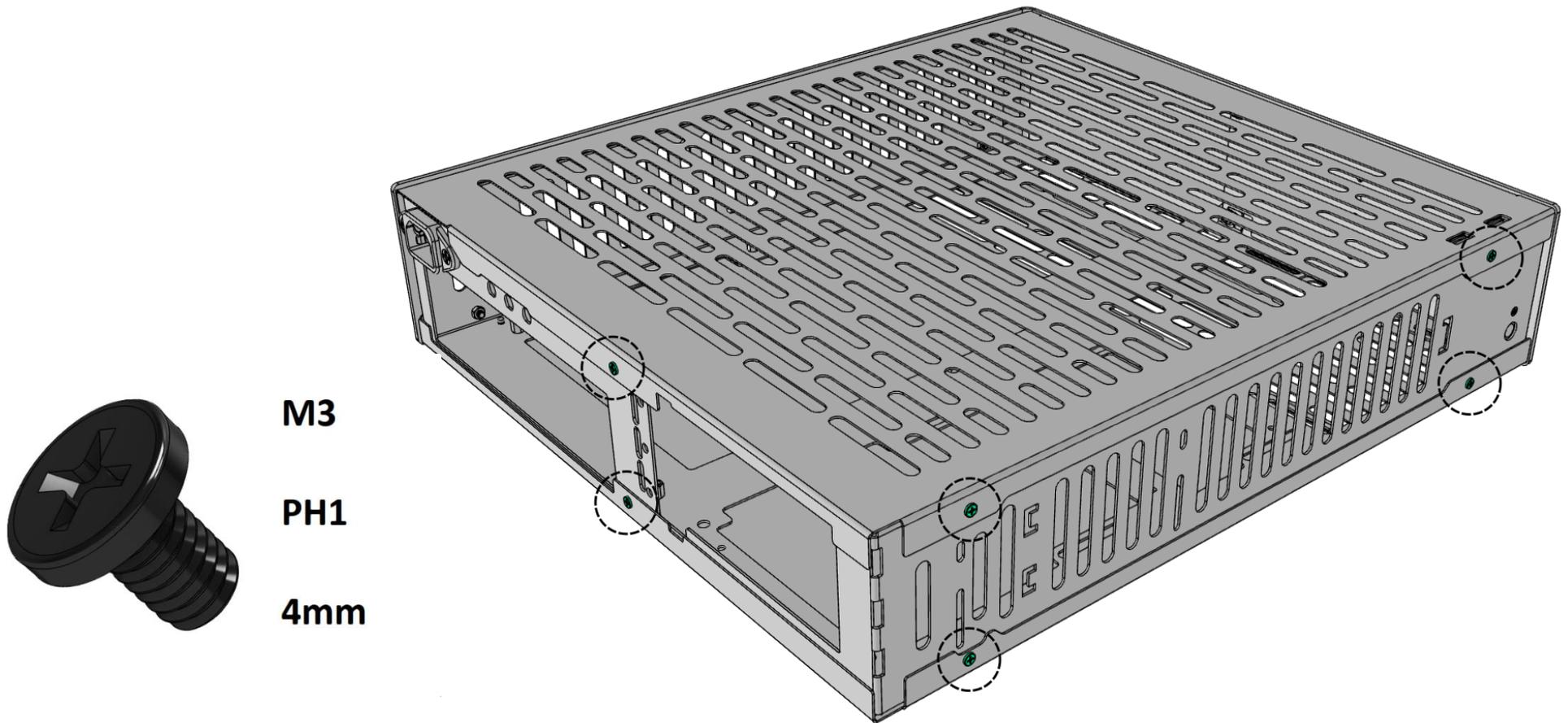
Included with case:

PSU bracket	GPU bracket	92 mm fan adapter
		
AC bracket and grommet	Hex tool	Mounting hardware
		



1. Preparing the case – removing side panels (part 1)

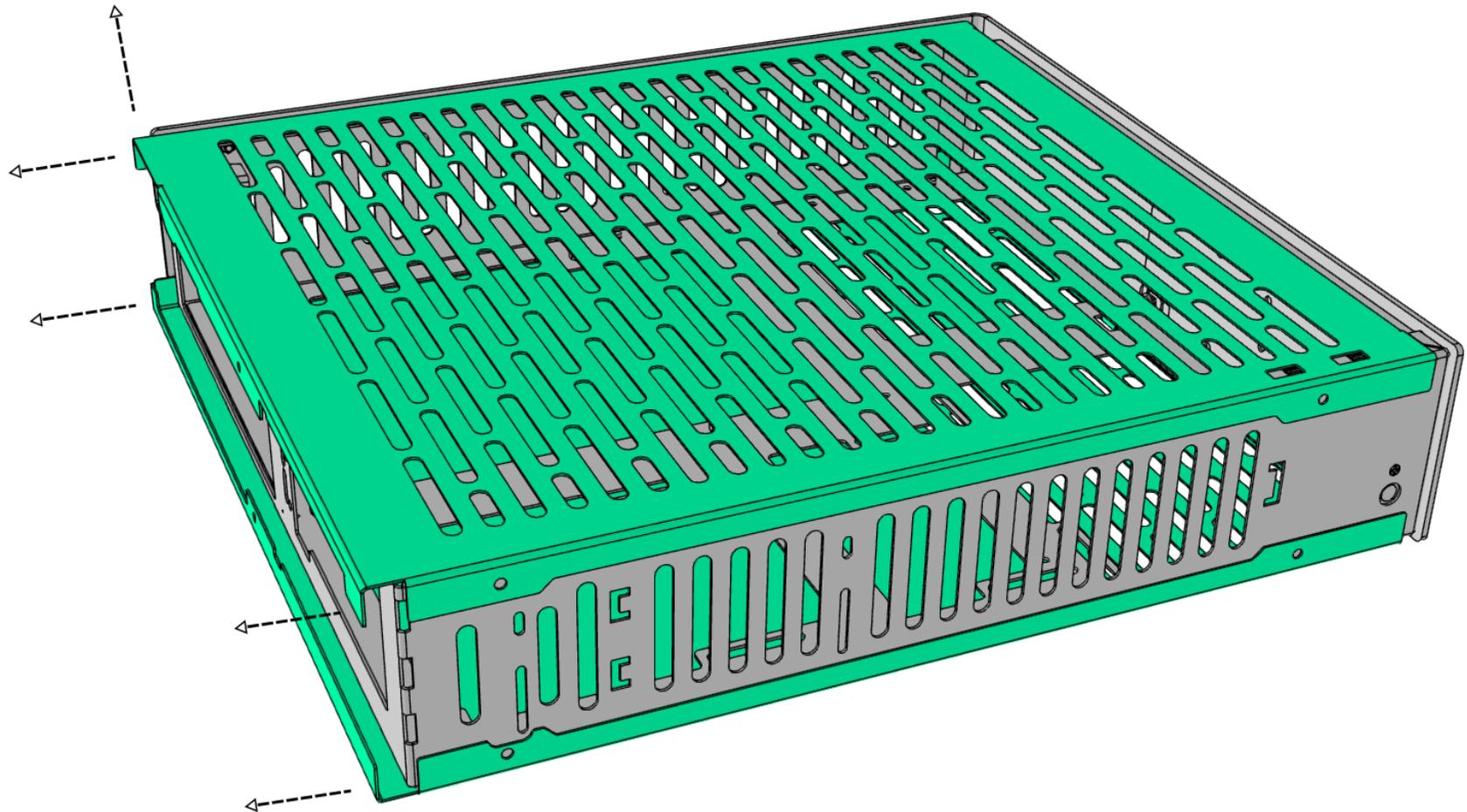
- your case will come with side panels and HDD bracket attached
- you need to remove them before putting other components into the case
- unscrew six bolts that hold the side panels, marked on the picture





2. Preparing the case – removing side panels (part 2)

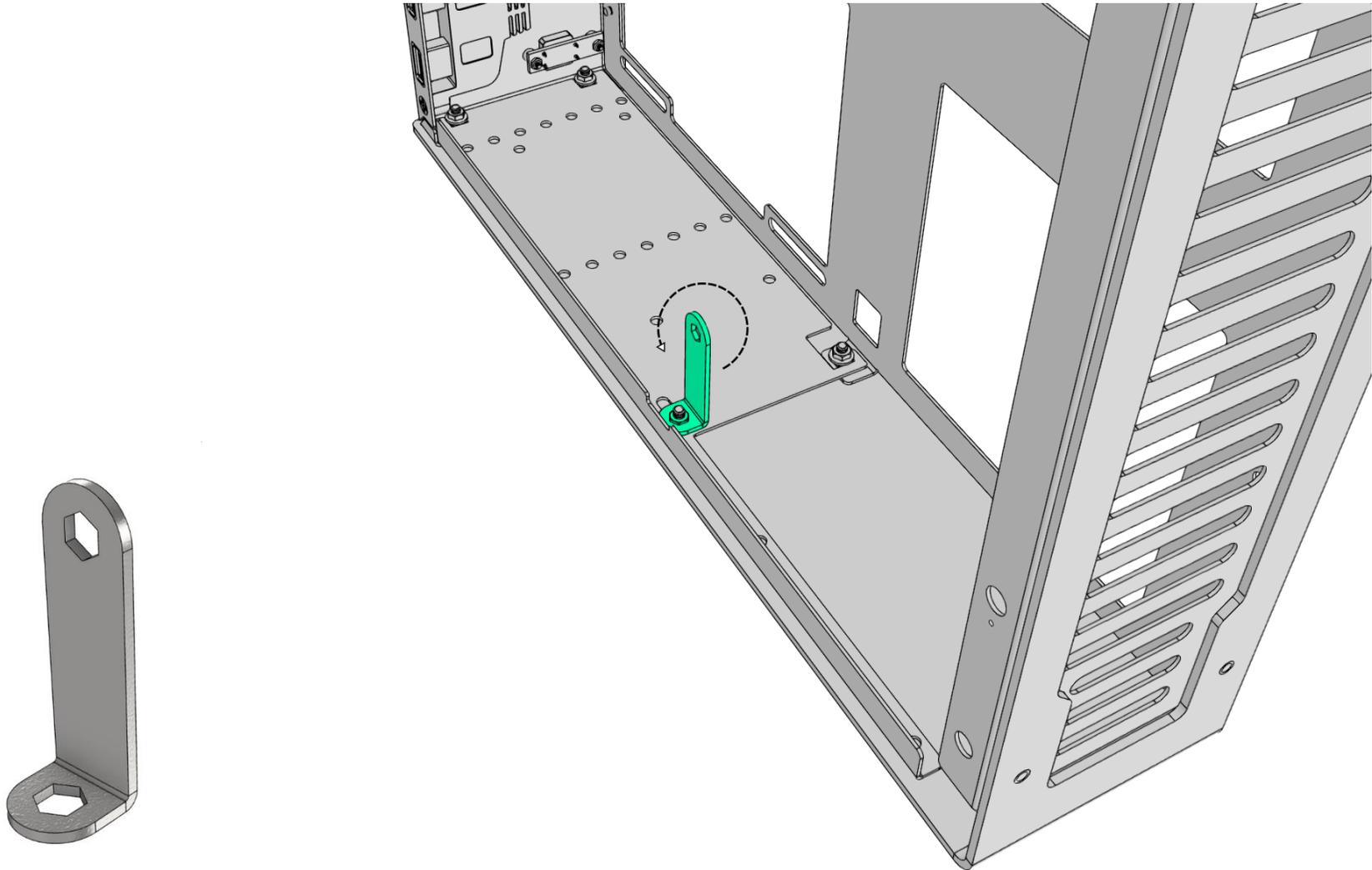
- push side panels towards the back side of the case approximately 1 cm
- lift panels upwards, away from the case





3. Preparing the case – removing HDD bracket (part 1)

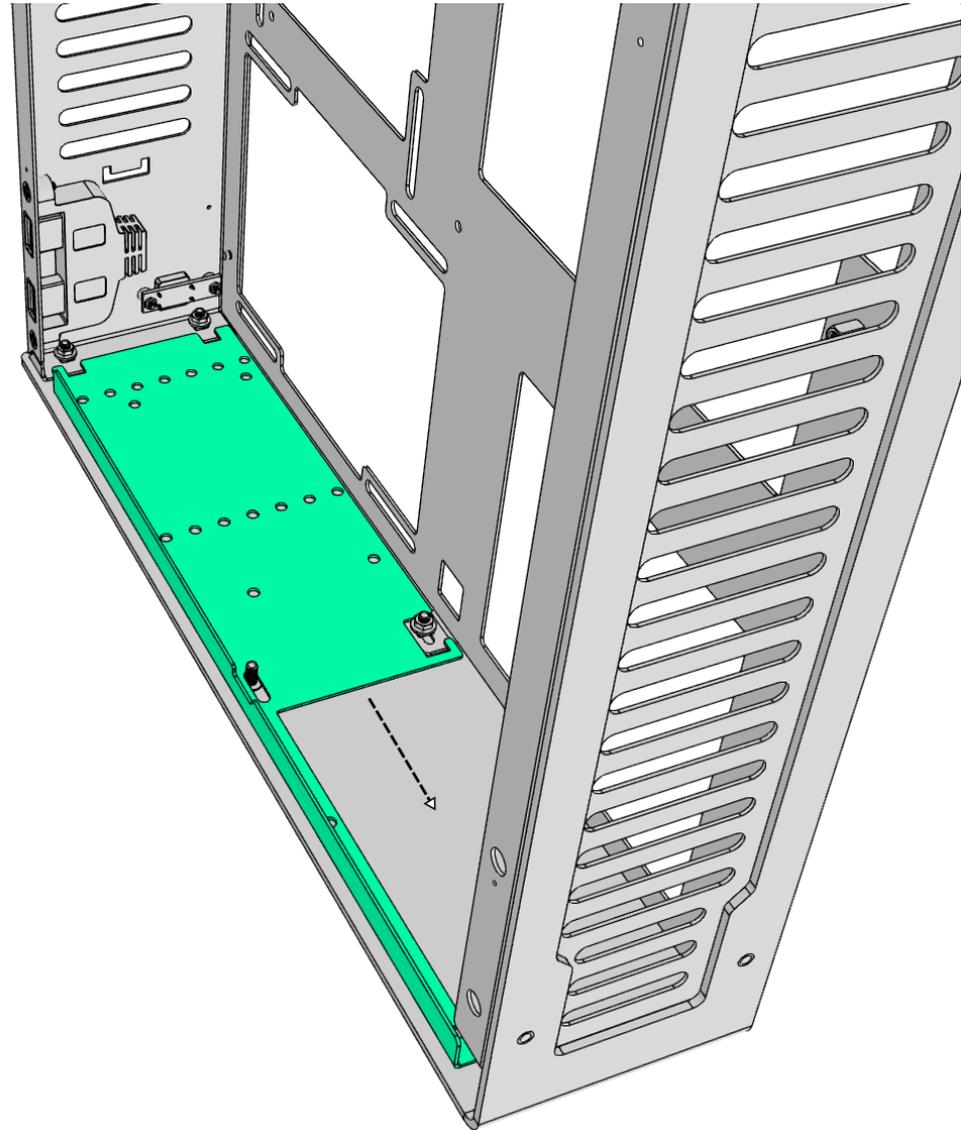
- unscrew the nut that holds HDD bracket using provided tool or with 5.5 mm socket or wrench and save it for later use





4. Preparing the case – removing HDD bracket (part 2)

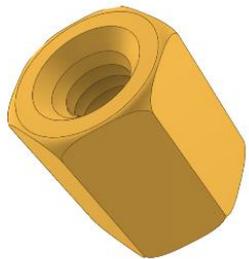
- slide the HDD bracket towards the top of the case, and lift it up
- remove the washer that sits under the bracket and save it for later use





5. Installing the motherboard – preparing standoffs (part 1)

- case comes with standoffs installed for ITX or DTX motherboard. If you are going to install larger motherboard, please install additional standoffs (see next page)
- to install standoffs, you need a standoff and bolt that holds it
- screw the standoff to the bolt with your hands
- to tighten the standoff, use screwdriver and provided tool like shown on the picture



M3

5mm socket

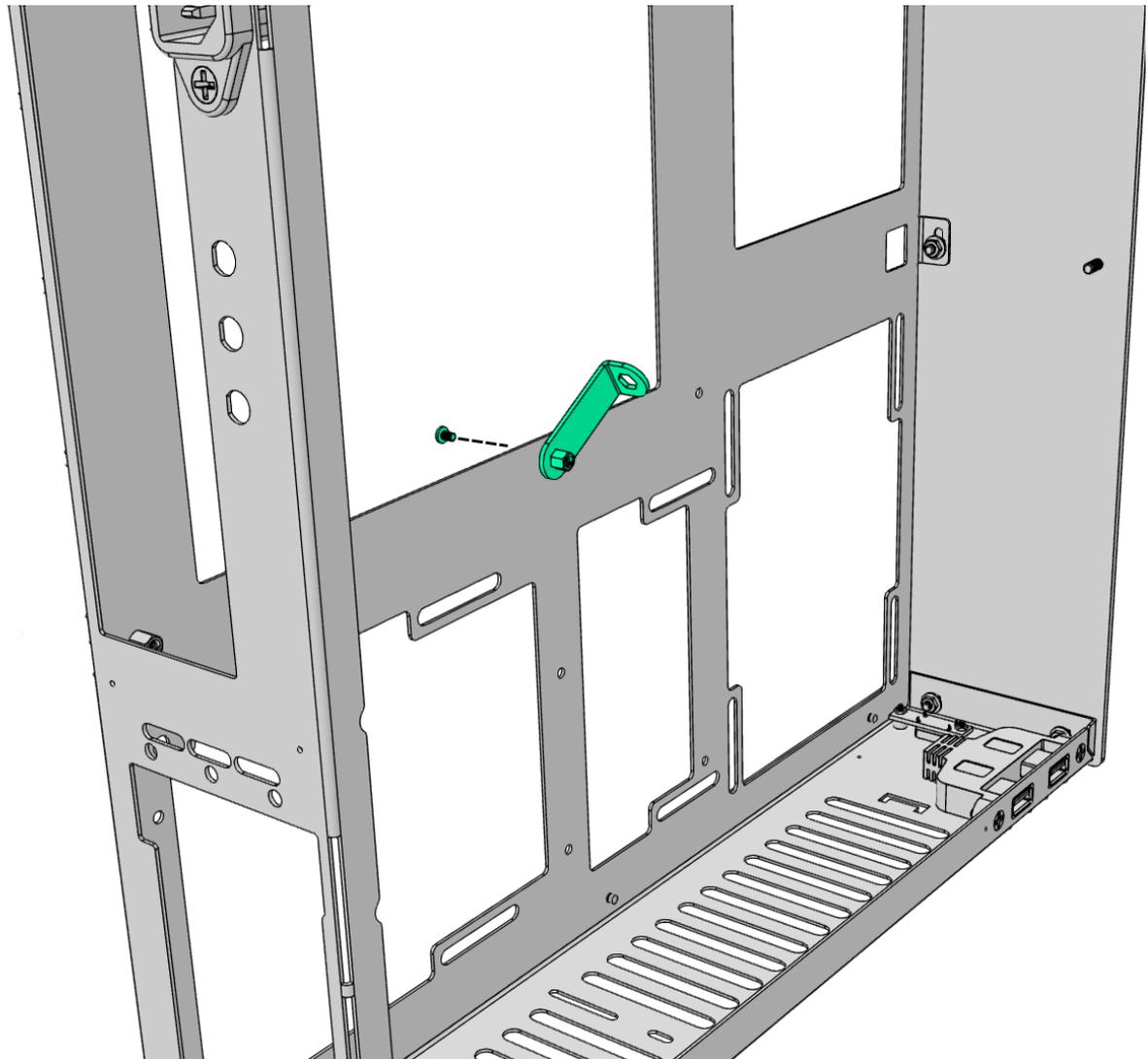
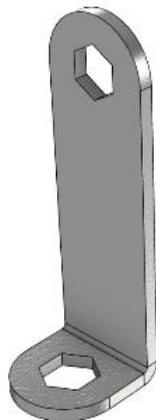
6mm



M3

PH1

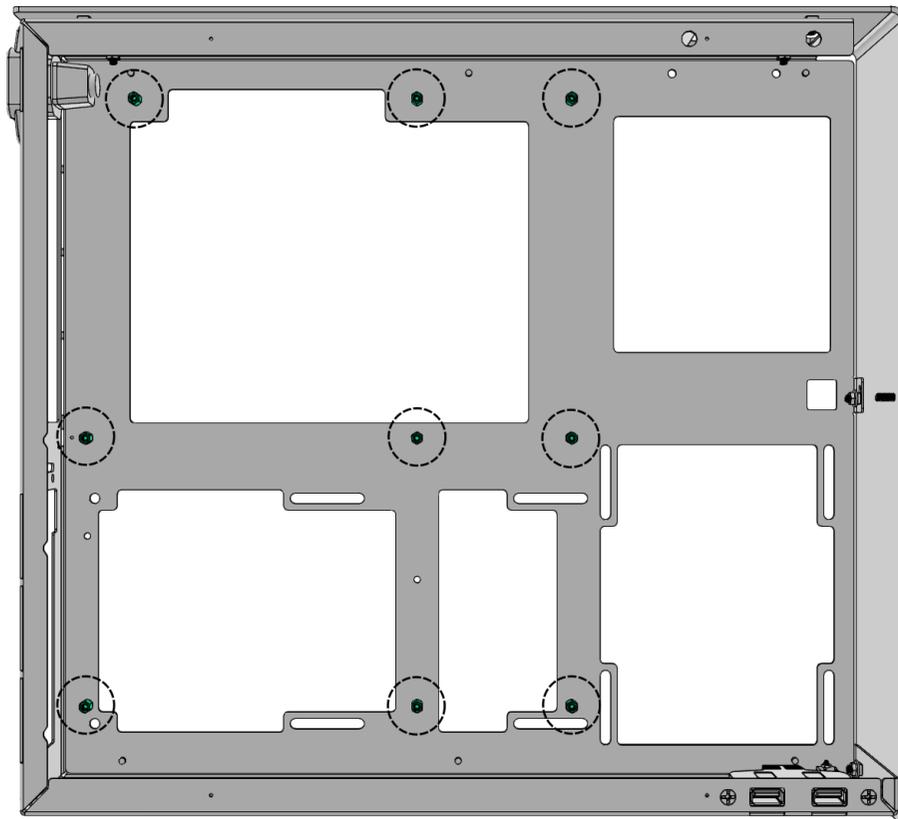
4mm



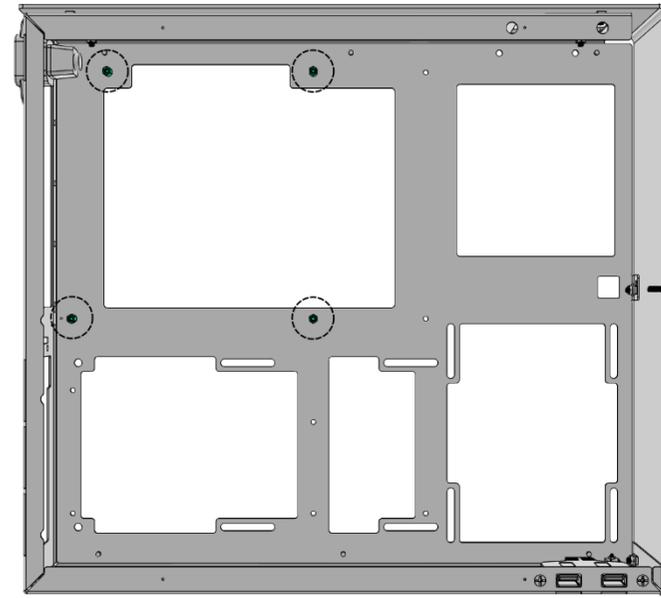


6. Installing the motherboard – preparing standoffs (part 2)

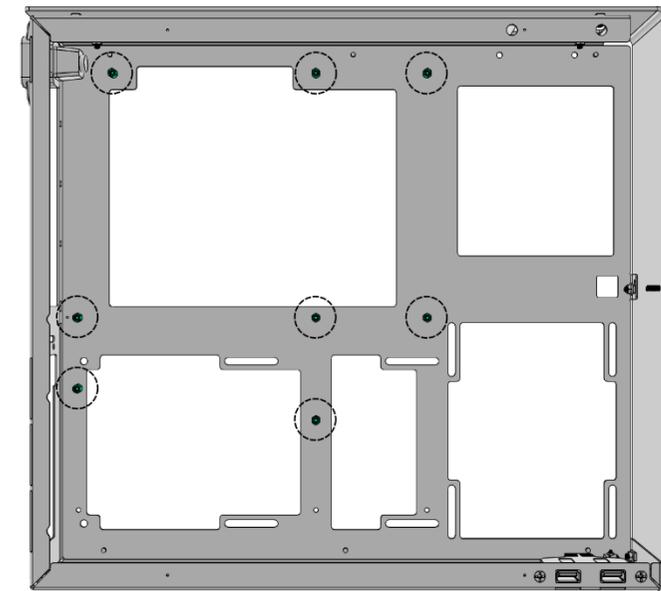
- following pictures show standoff configurations for different motherboard sizes
- always install correct standoffs, otherwise you could damage the motherboard



ATX



ITX



m-ATX



7. Installing the motherboard – bolts and cables

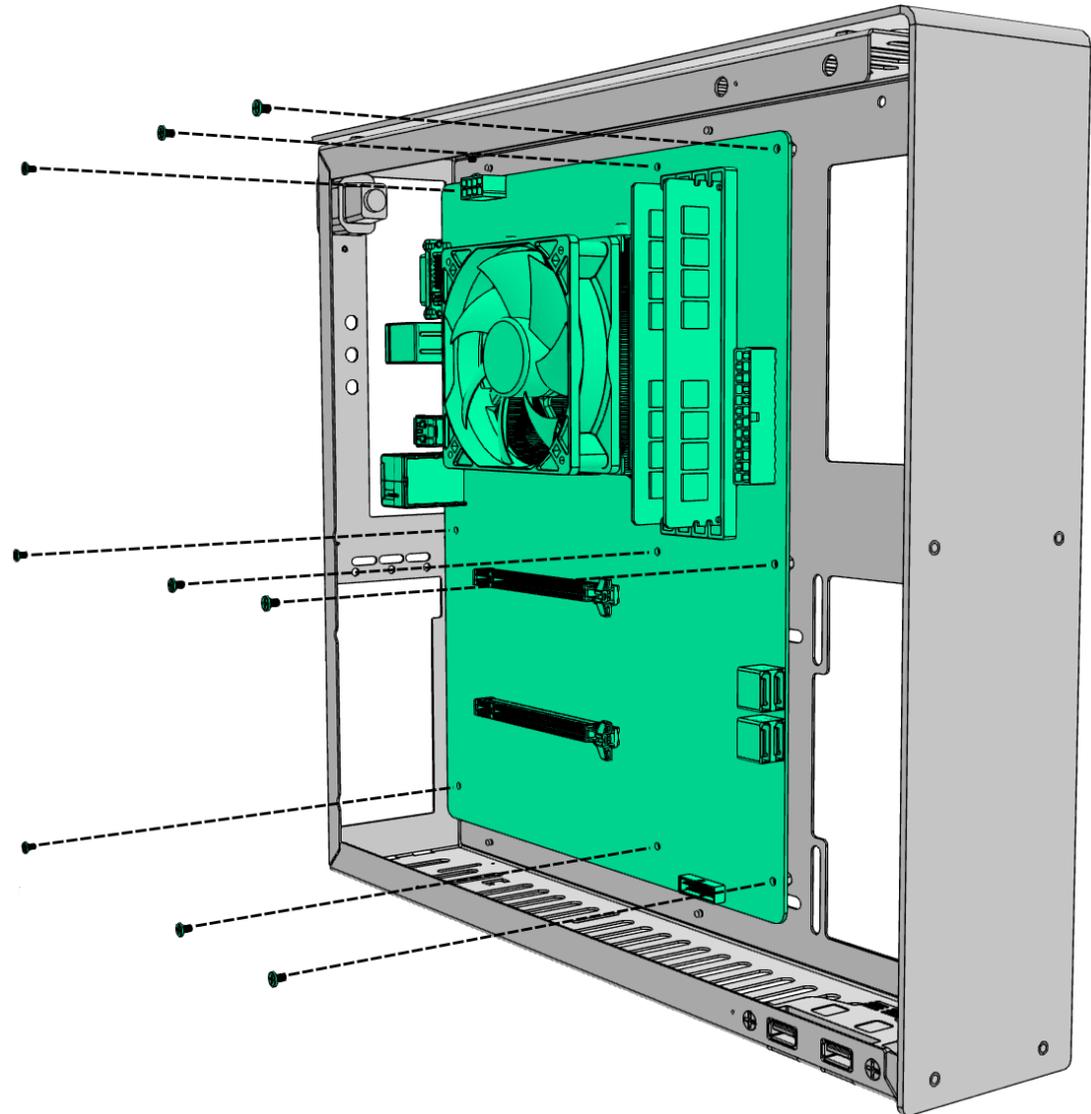
- prepare the motherboard by installing CPU, RAM, M.2 drives, and CPU air cooler if using one
- **install the IO shield**
- align the motherboard on the standoffs
- screw the motherboard down using provided bolts
- after installing the motherboard, connect internal USB 3.0 cable and power switch connector
- if you are not sure about motherboard connector positions, please consult its manual



M3

PH1

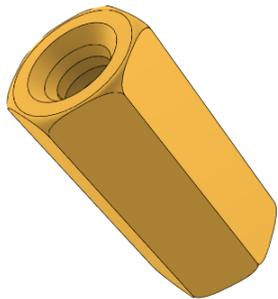
4mm





8. Installing GPU riser cable – preparing standoffs (part 1)

- install the standoffs the same way as motherboard standoffs, using screwdriver and provided tool
- position the standoffs according to your GPU thickness; if using 2-slot GPU, place the standoffs closer to the left side of the case, and if using 3-slot GPU closer to the right side of the case. You can also adjust the GPU position after installation



M3

5mm socket

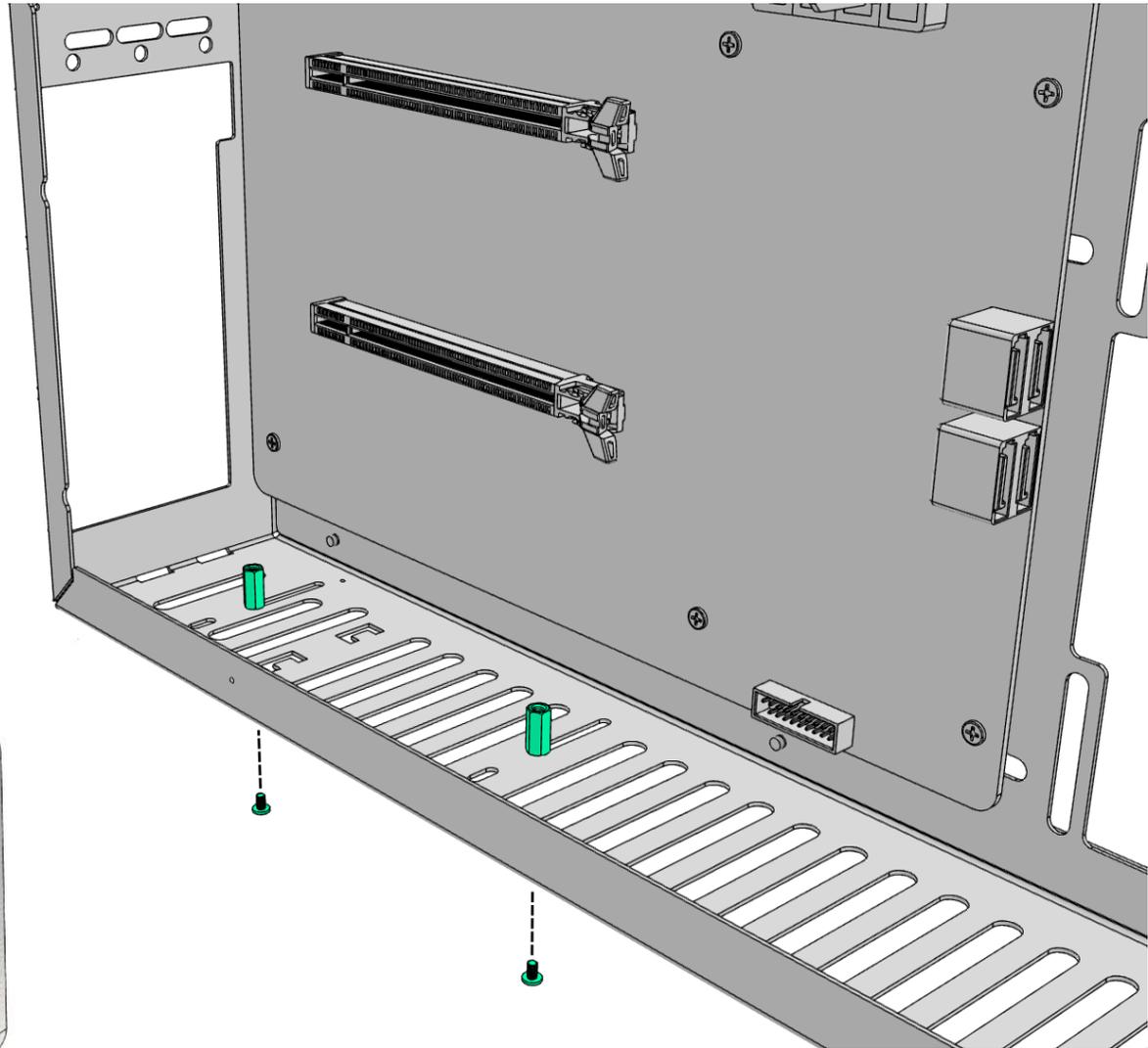
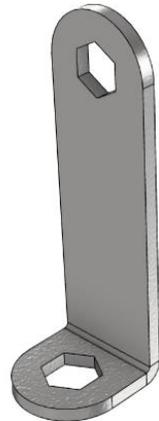
11mm



M3

PH1

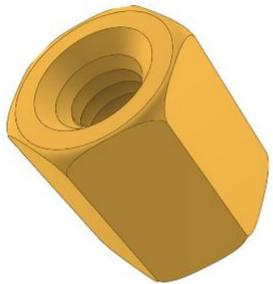
4mm





9. Installing GPU riser cable – preparing standoffs (part 2)

- if using 3-slot GPU that is taller than 130 mm, use shorter, 6mm long standoffs
- position the standoffs all the way to the right, like shown on the picture



M3

5mm socket

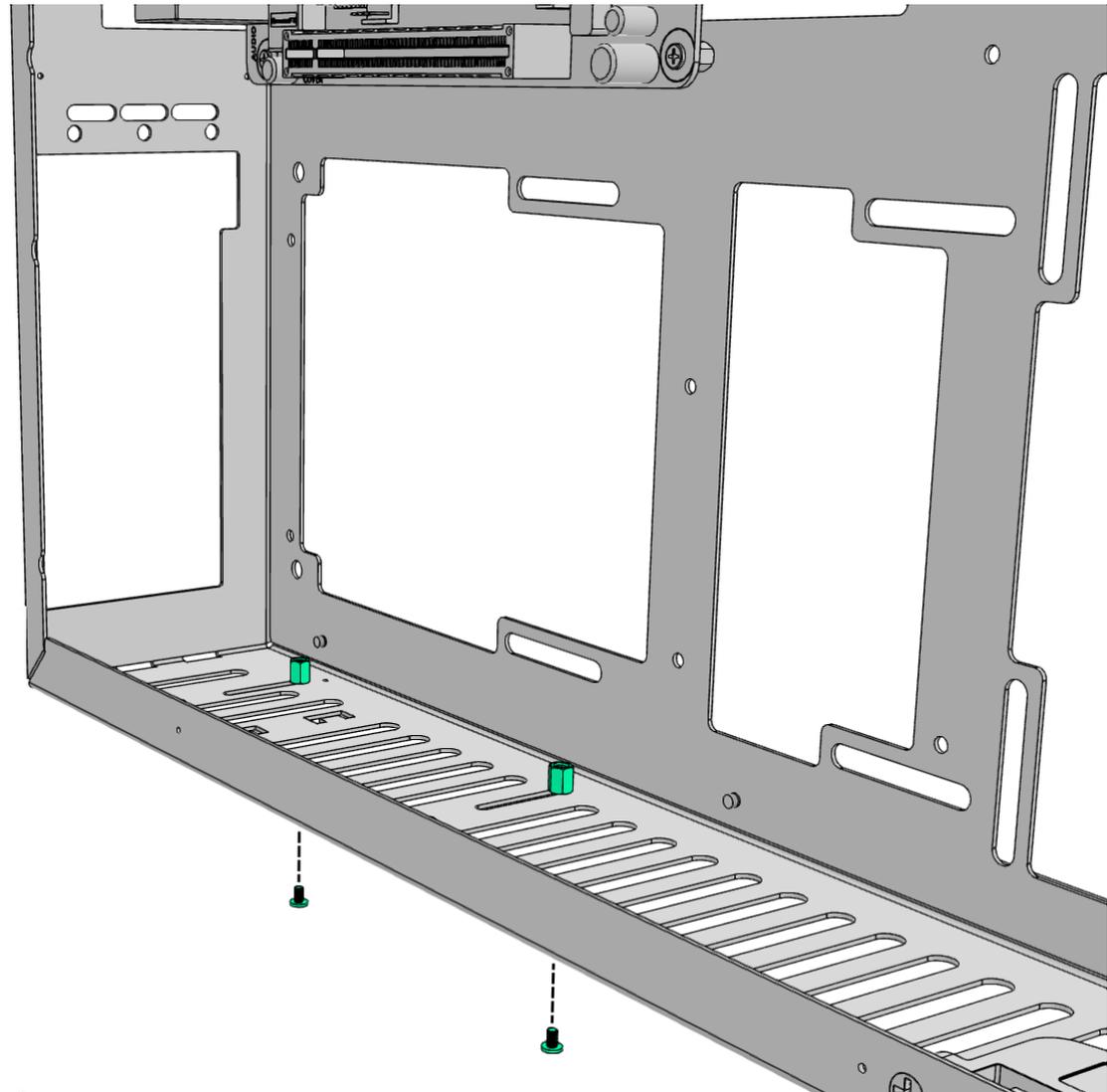
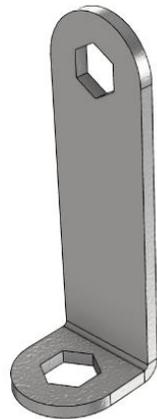
6mm



M3

PH1

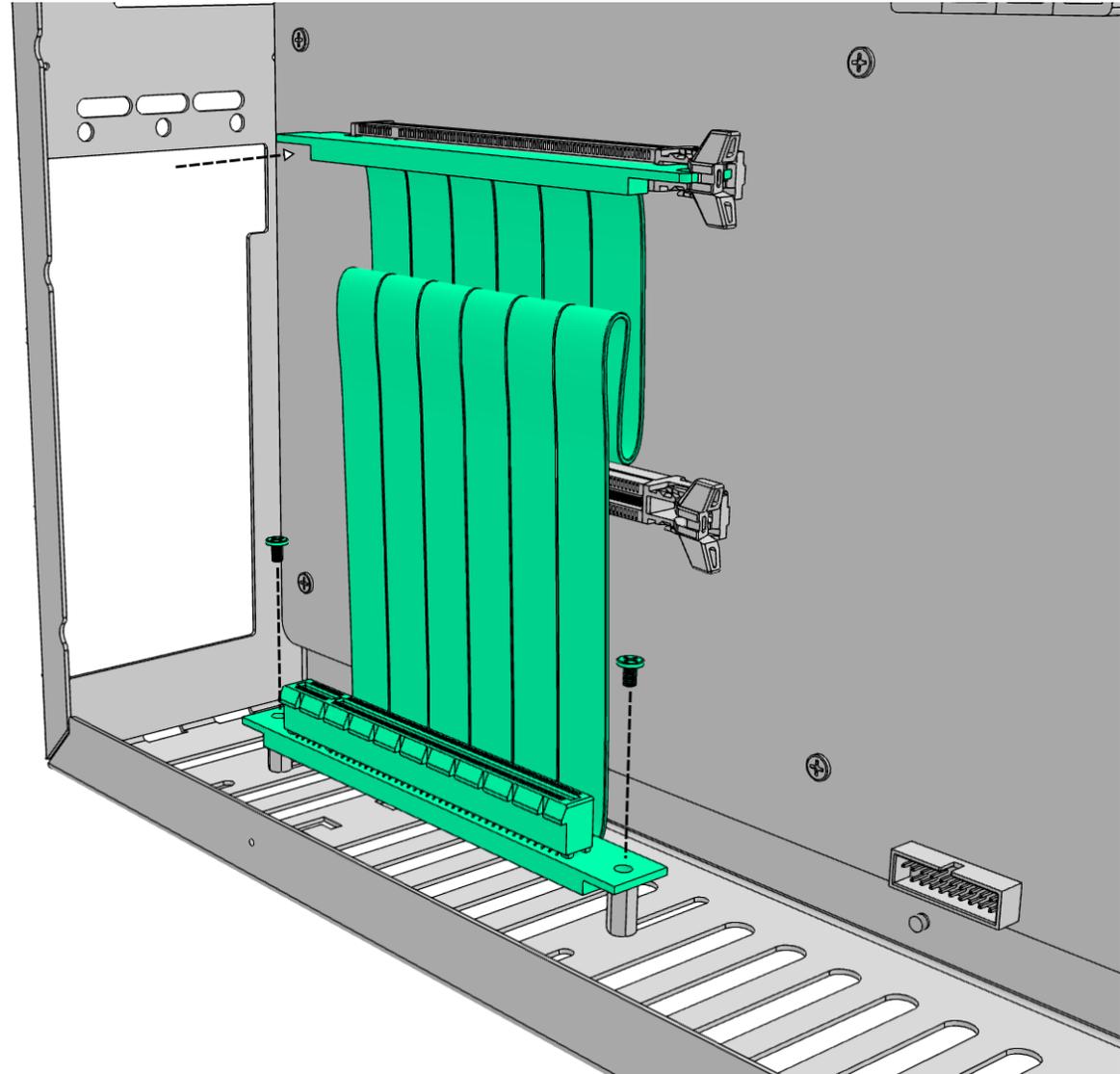
4mm





10. Installing GPU riser cable – riser and bolts

- install the male end of the riser into the motherboard
- screw down the female end of the riser onto previously installed standoffs
- depending on your configuration, you may need to bend the riser like shown on the picture



M3

PH1

4mm



11. Installing the GPU – GPU bracket

- before installing GPU, you need to attach GPU bracket to the GPU, like shown on the picture
- put a washer under the bolt that holds the GPU bracket
- screw down GPU to the GPU bracket



M3

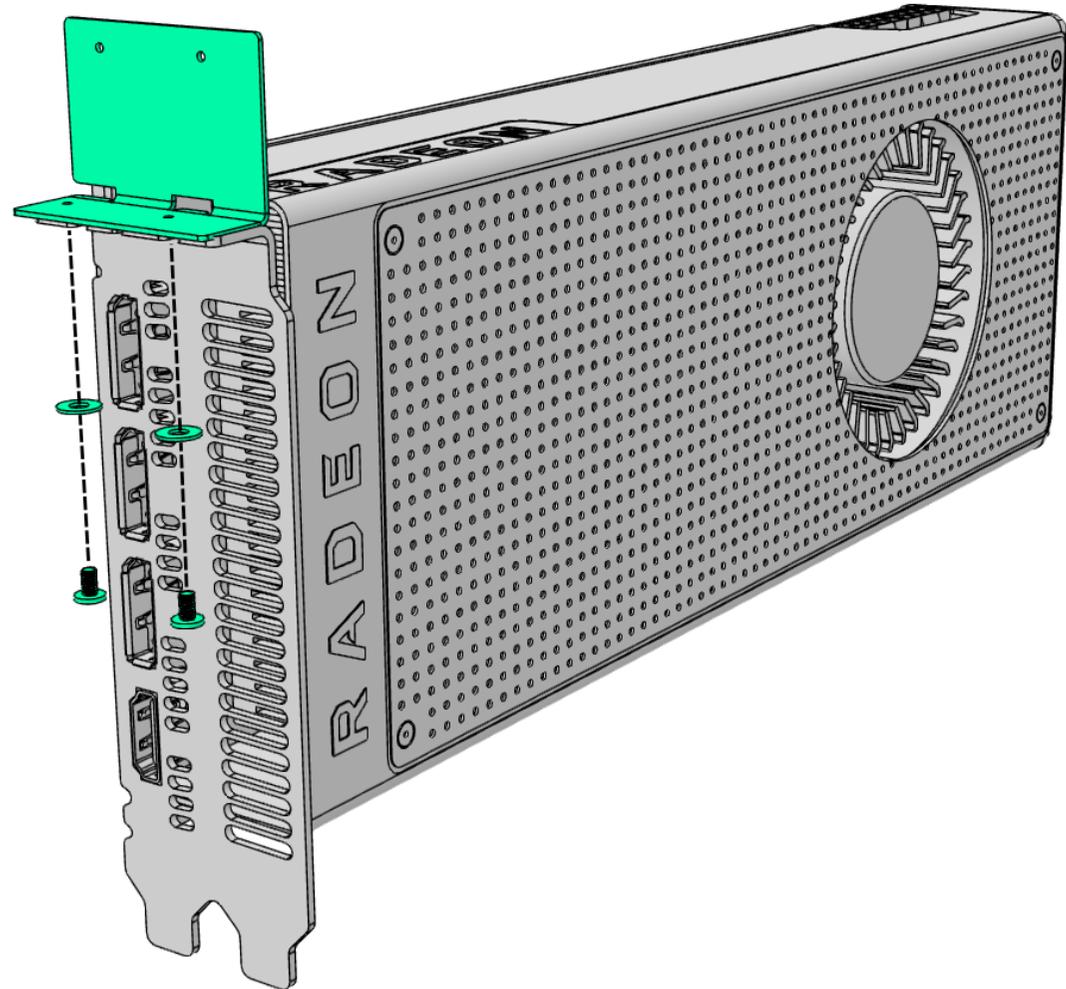
PH1

4mm



M3

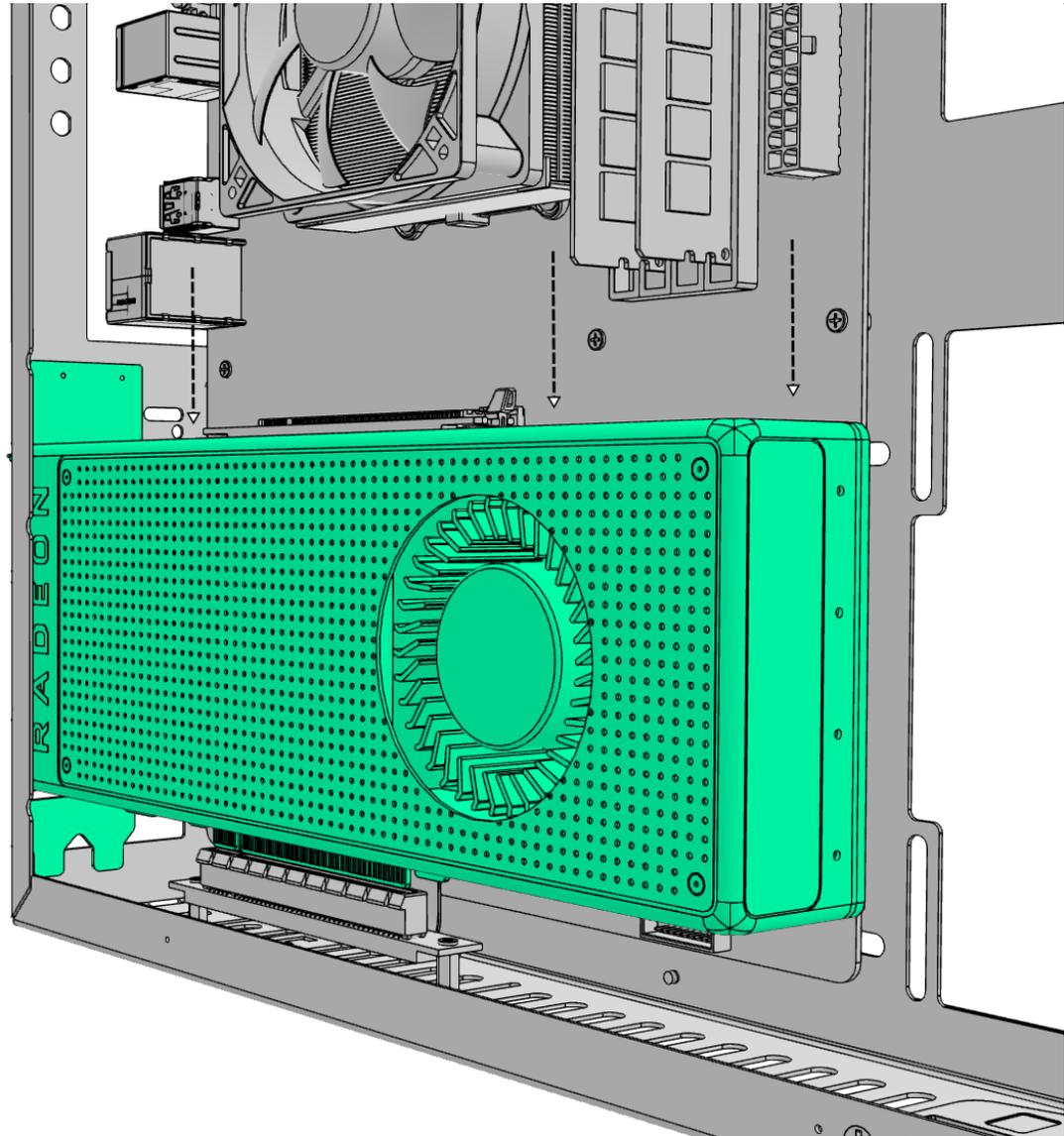
0.5mm





12. Installing the GPU – GPU

- install the GPU into the riser
- be sure that it is fully seated





13. Installing the GPU – bolts

- put a washer under the bolt that holds the GPU bracket
- screw down GPU bracket to the case with two screws



M3

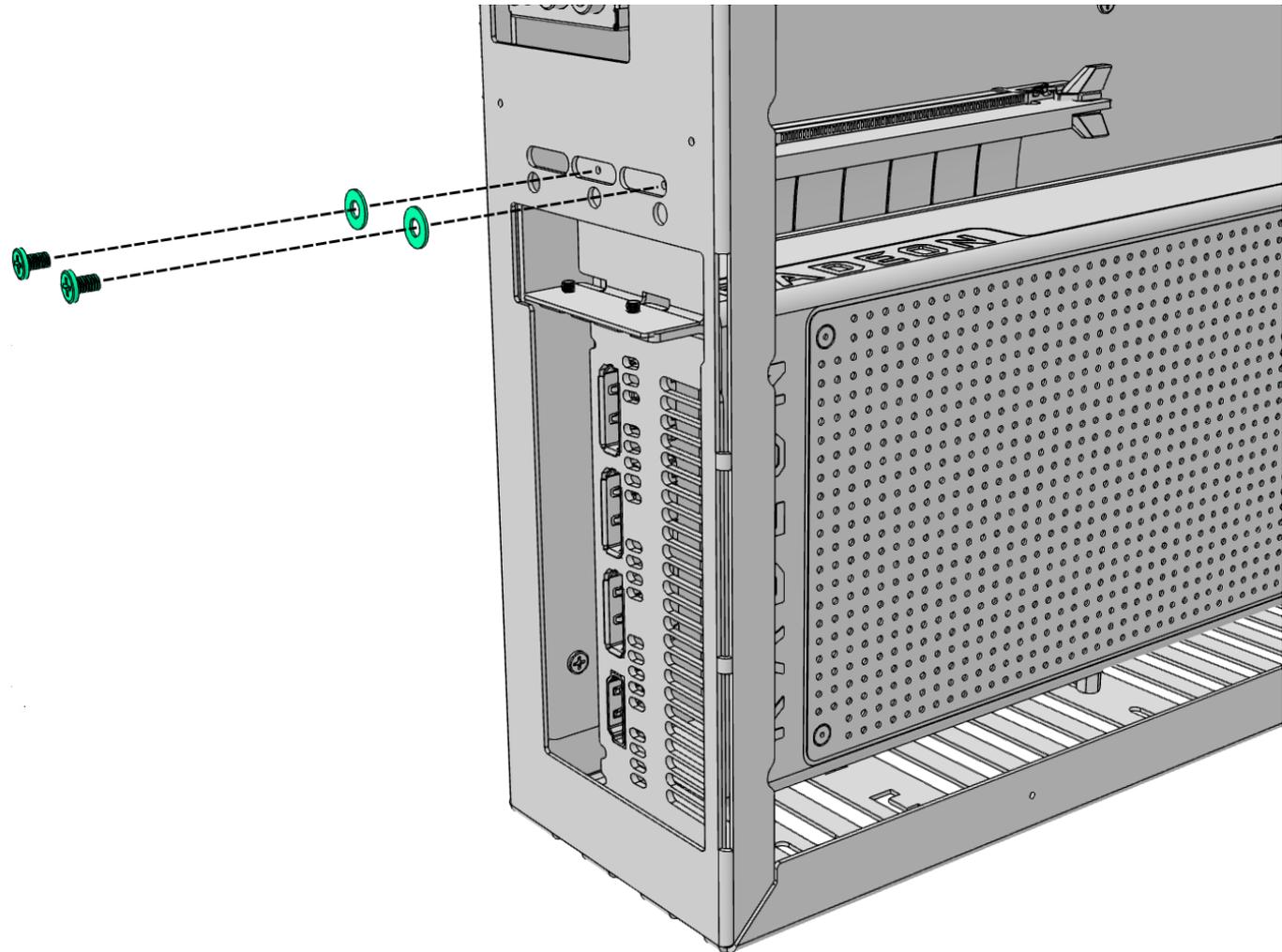
PH1

4mm



M3

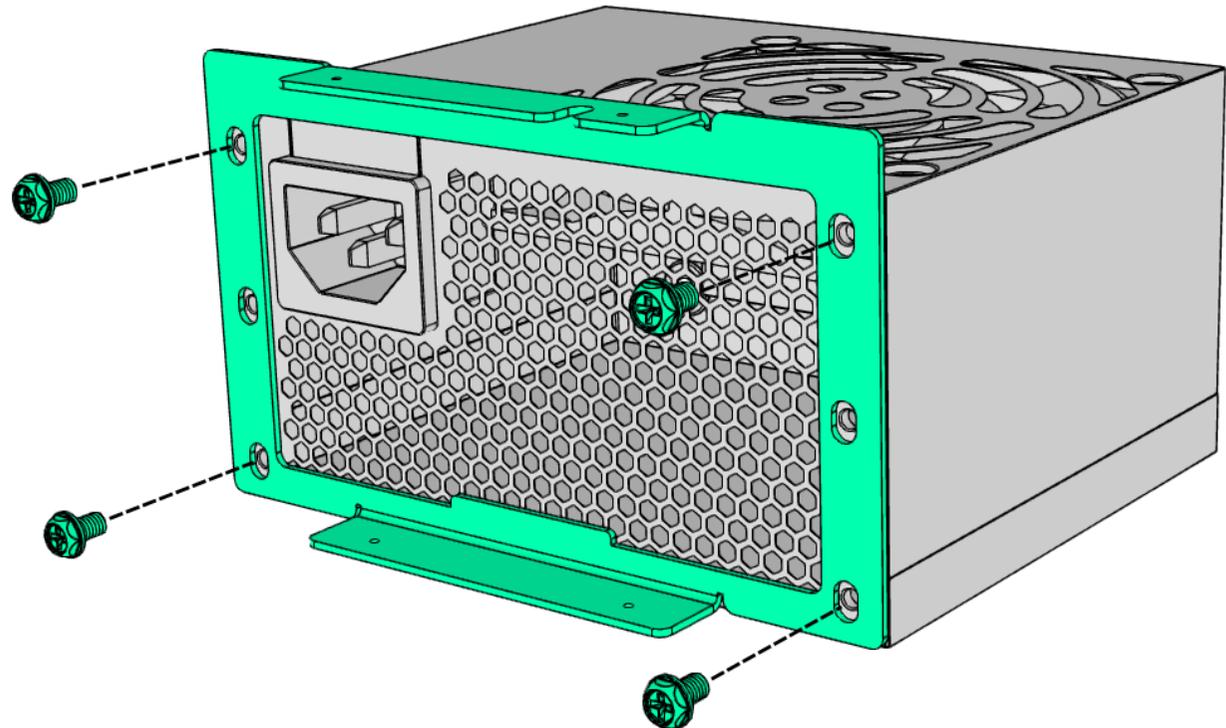
0.5mm





14. Installing SFX power supply – PSU bracket

- select the PSU orientation
- put the power supply on the flat surface
- take the power supply mounting bracket and put in next to power supply like shown on the picture
- bottom of the power supply bracket and power supply should be on the same level
- screw down the power supply to the bracket using four bolts
- please use the bolts supplied with your PSU, as they vary in length



#6-32

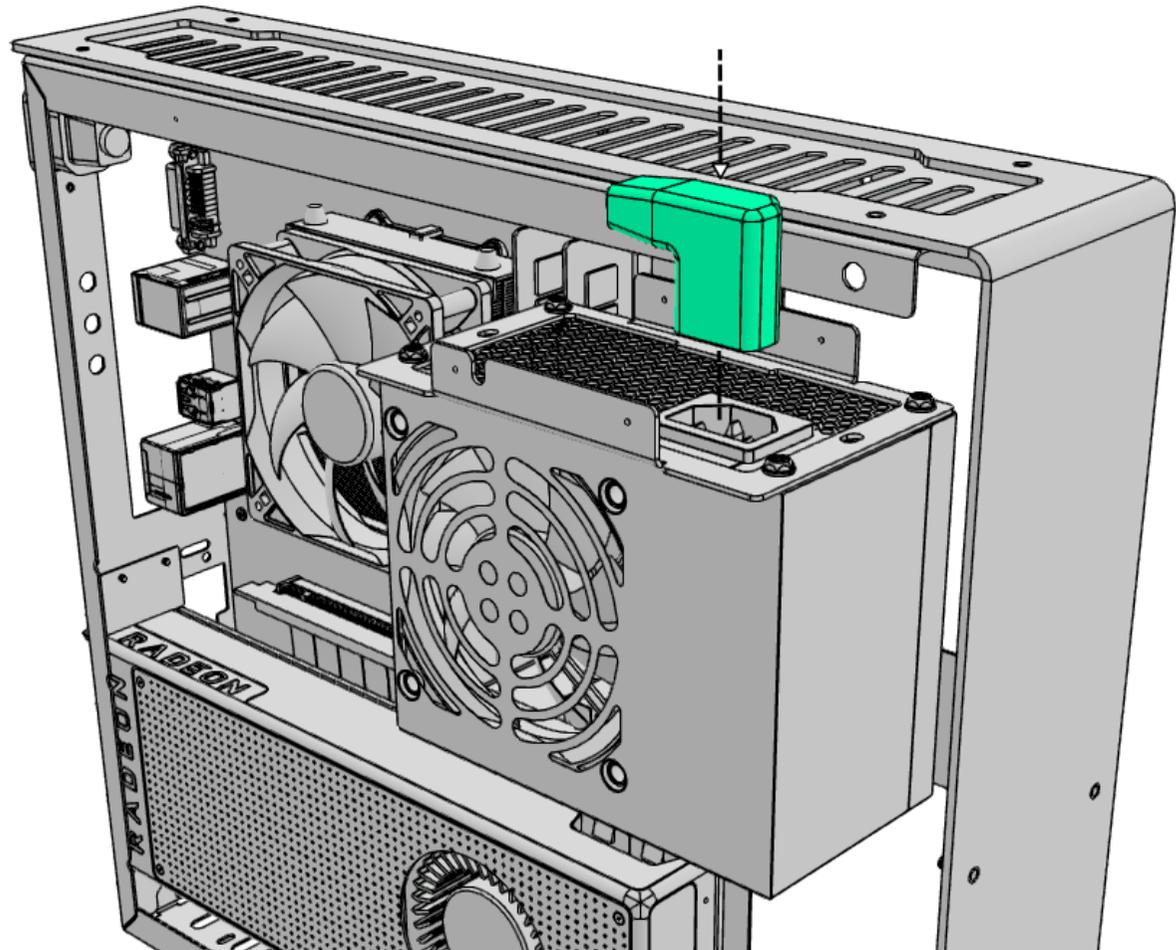
PH2

6 mm



15. Installing SFX power supply – cable

- before installing the power supply into the case, insert the AC plug into the connector on the power supply like shown on the picture
- please take care of the PSU bracket orientation, part with the notch goes towards the left side of the case, like shown on the picture





16. Installing SFX power supply – bolts

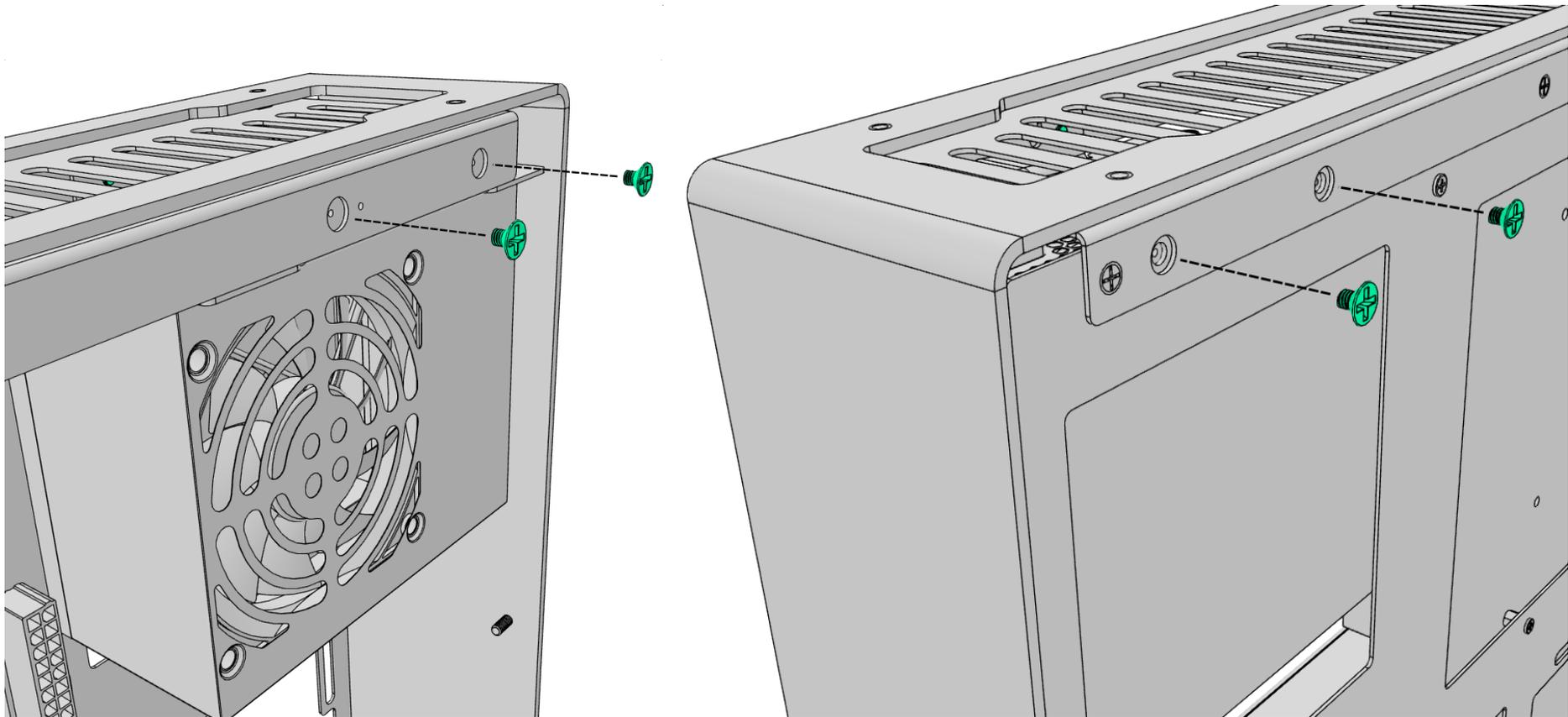
- screw the power supply bracket to the case from the front and the back side of the case using four provided **countersunk** screws
- please note that these screws are different than ones used for mounting motherboard and GPU



M3

PH1

5mm



17. Installing hard drives – HDD bracket

- screw down your 3.5" or 2.5" drives to the HDD bracket using provided screws like shown on the picture
- you only need to screw down drives on one side
- for 3.5" drives use larger, silver colored screws
- for 2.5" drives use smaller, black screws
- **install the HDD bracket even if you are not using any hard drives or SSD's**, as it provides support for the left panel



#6-32

PH2

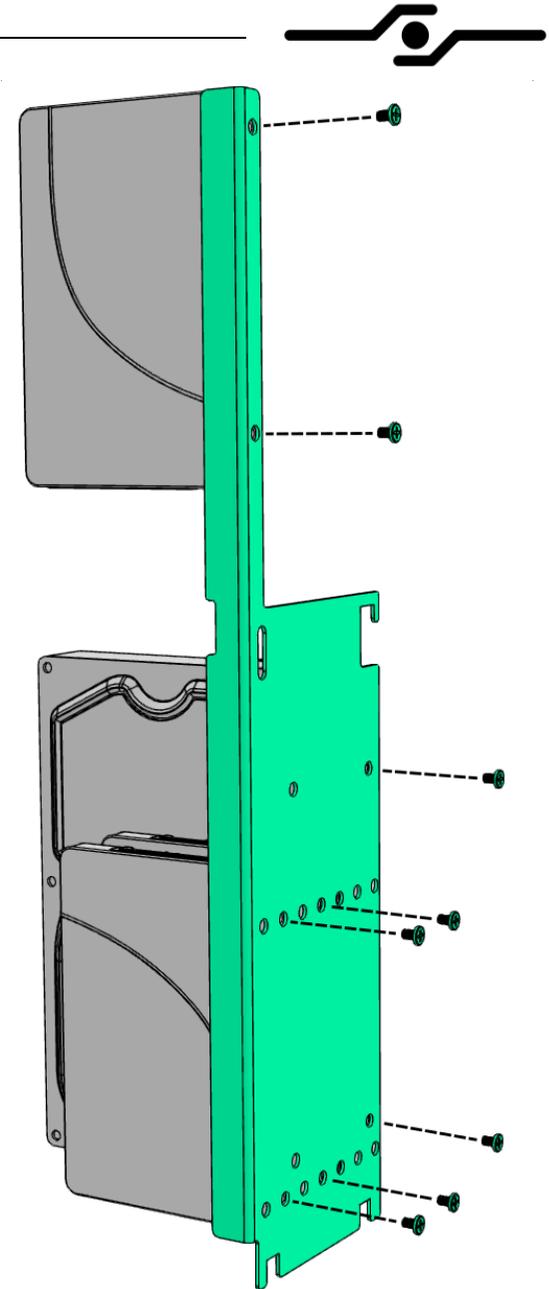
5mm



M3

PH1

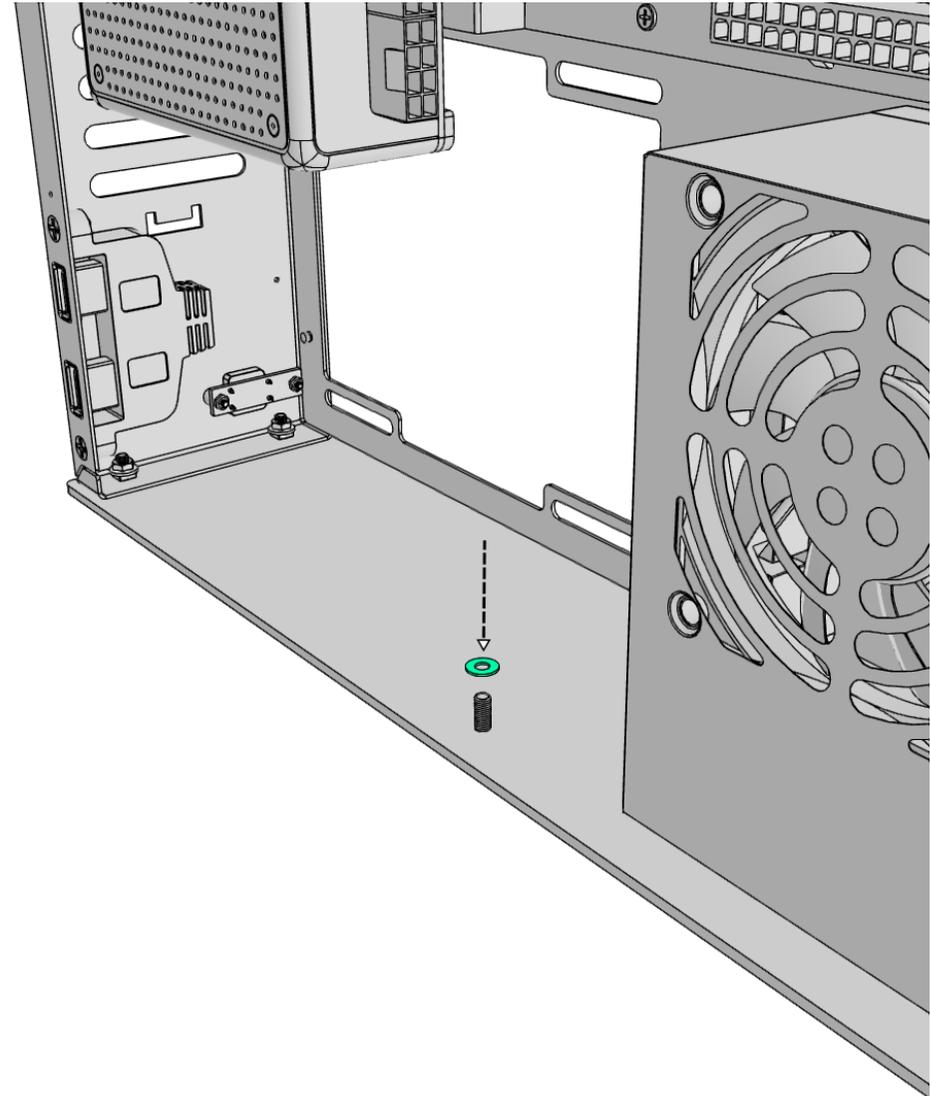
4mm





18. Installing hard drives – washer

- before installing HDD bracket into the case, put the washer on the stud like shown on picture
- this is the washer you removed in step 4



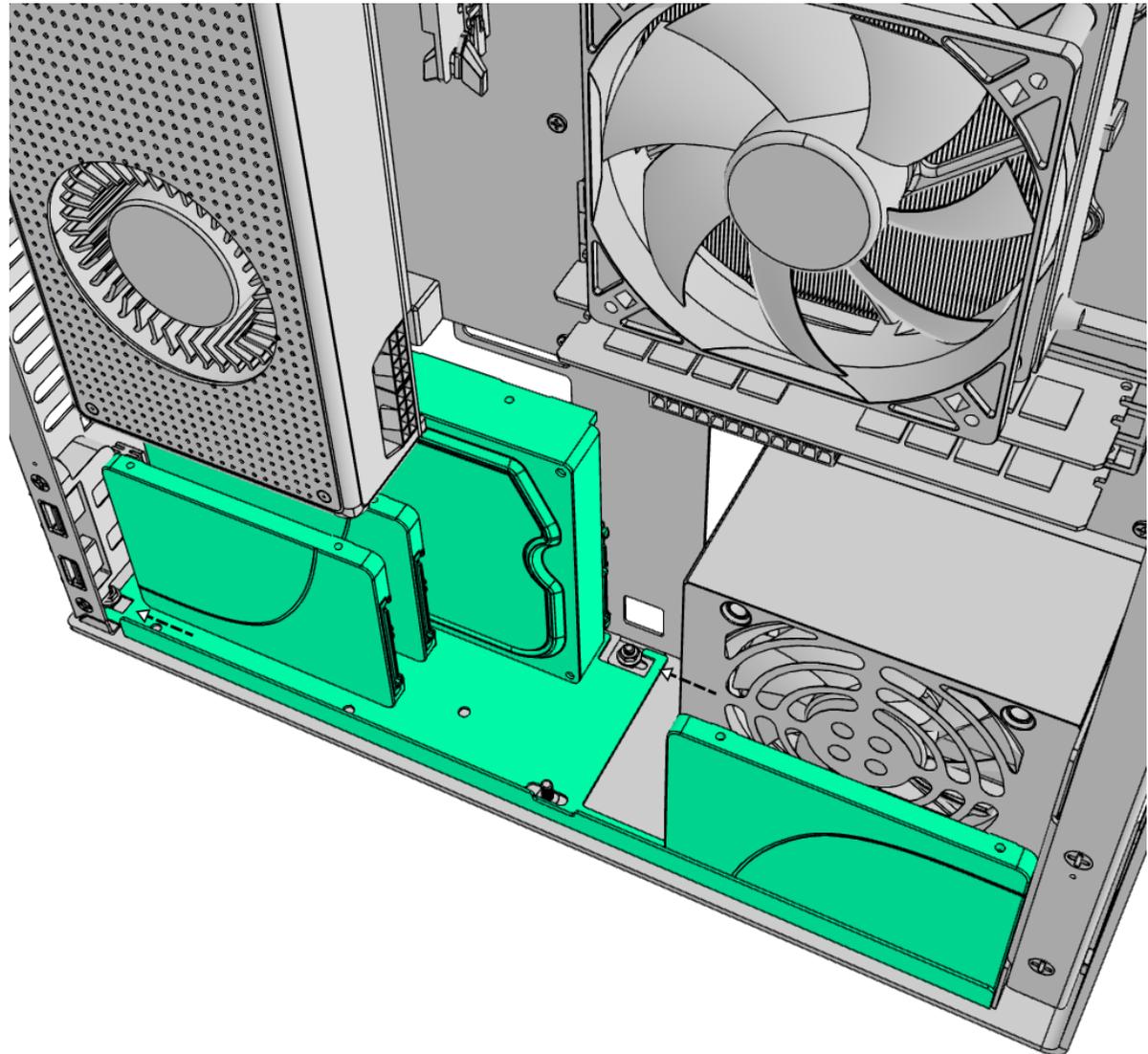
M3

0.8mm



19. Installing hard drives – into the case

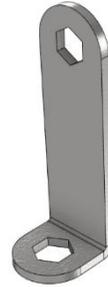
- put HDD bracket with hard drives in the case like shown on the picture
- slide the assembly towards the bottom of the case making sure that all of three HDD bracket's tabs sit under the flanged nuts on the case





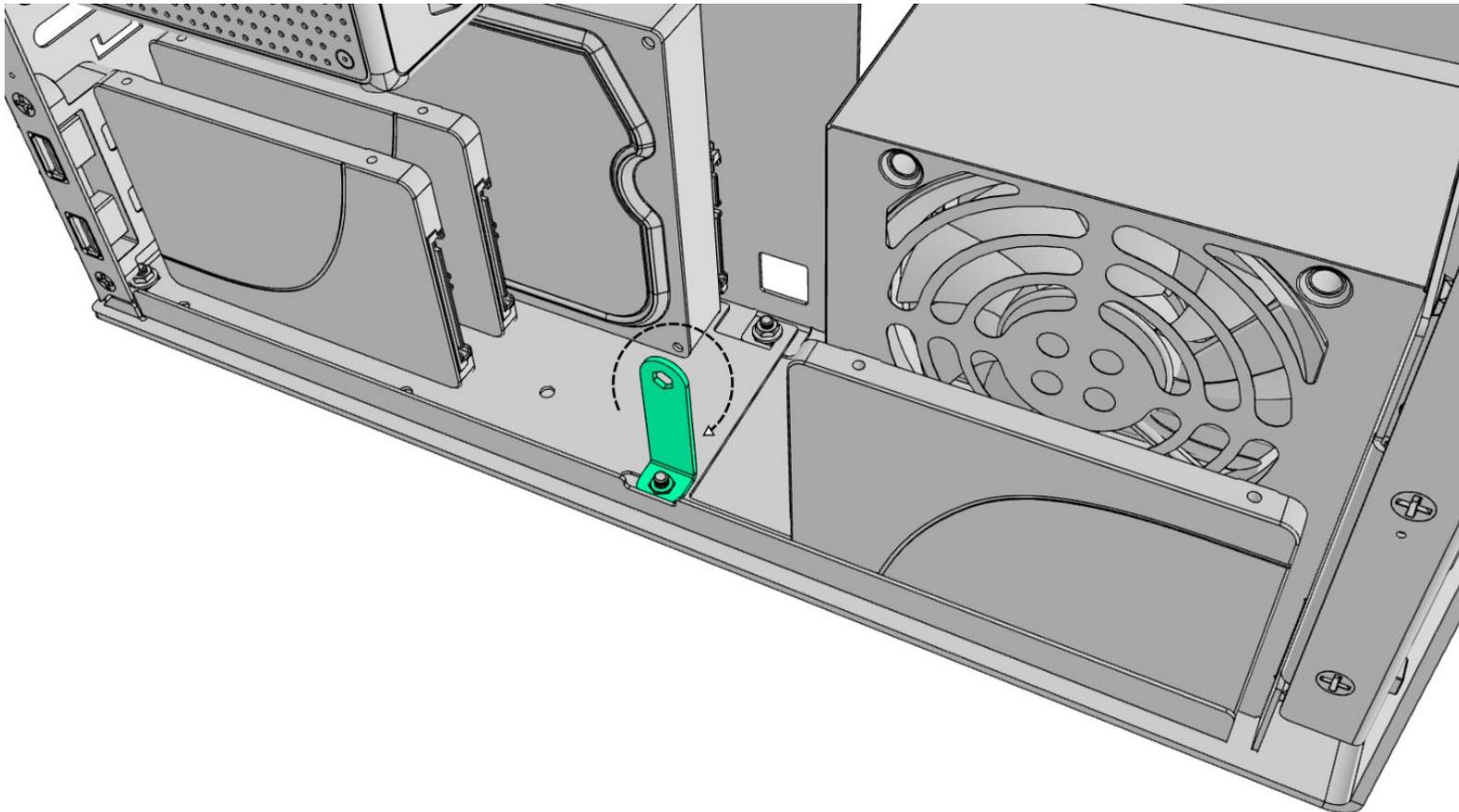
20. Installing hard drives – nut

- secure HDD bracket using the nut you removed in step 3
- you can use provided tool or 5.5 mm socket



M3

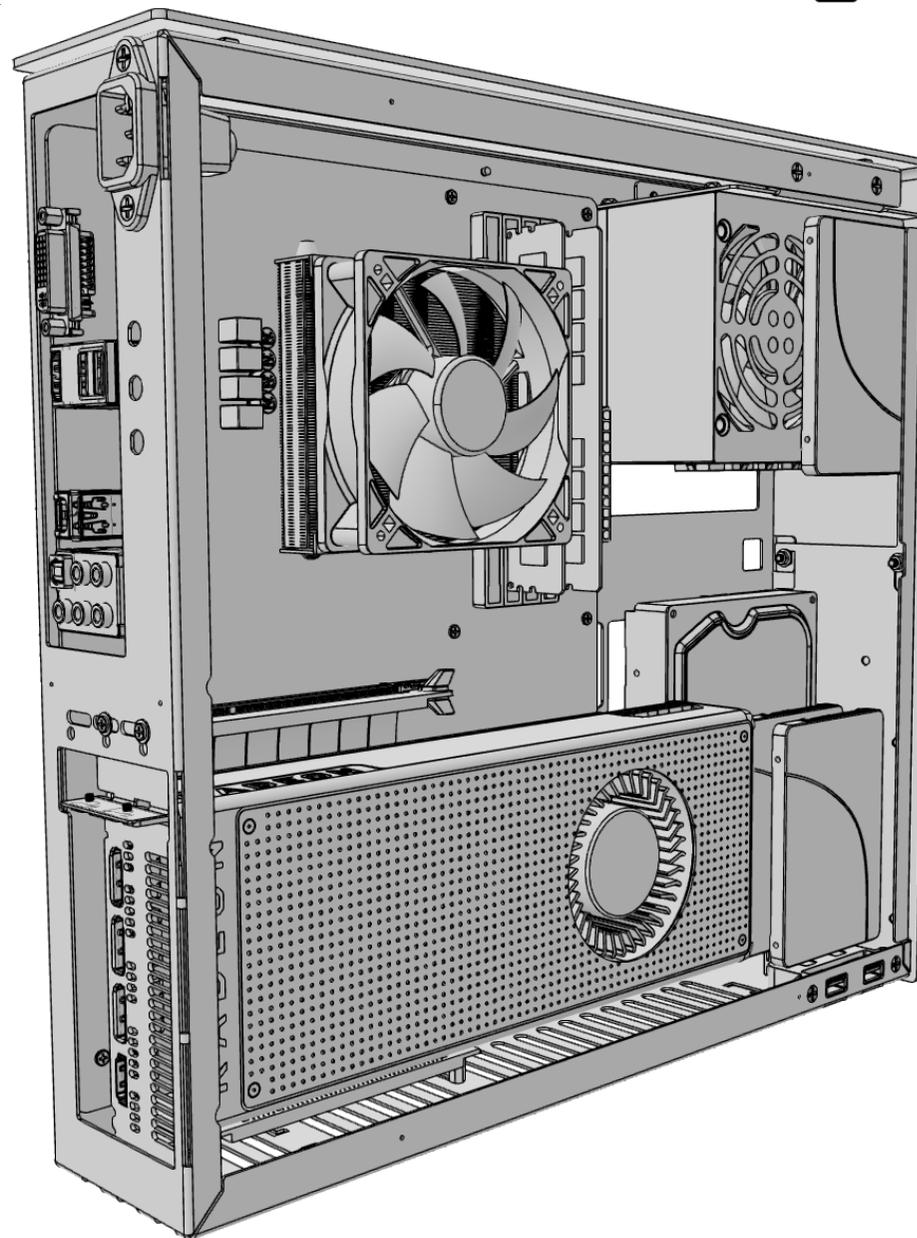
5.5mm socket





21. Parts installed

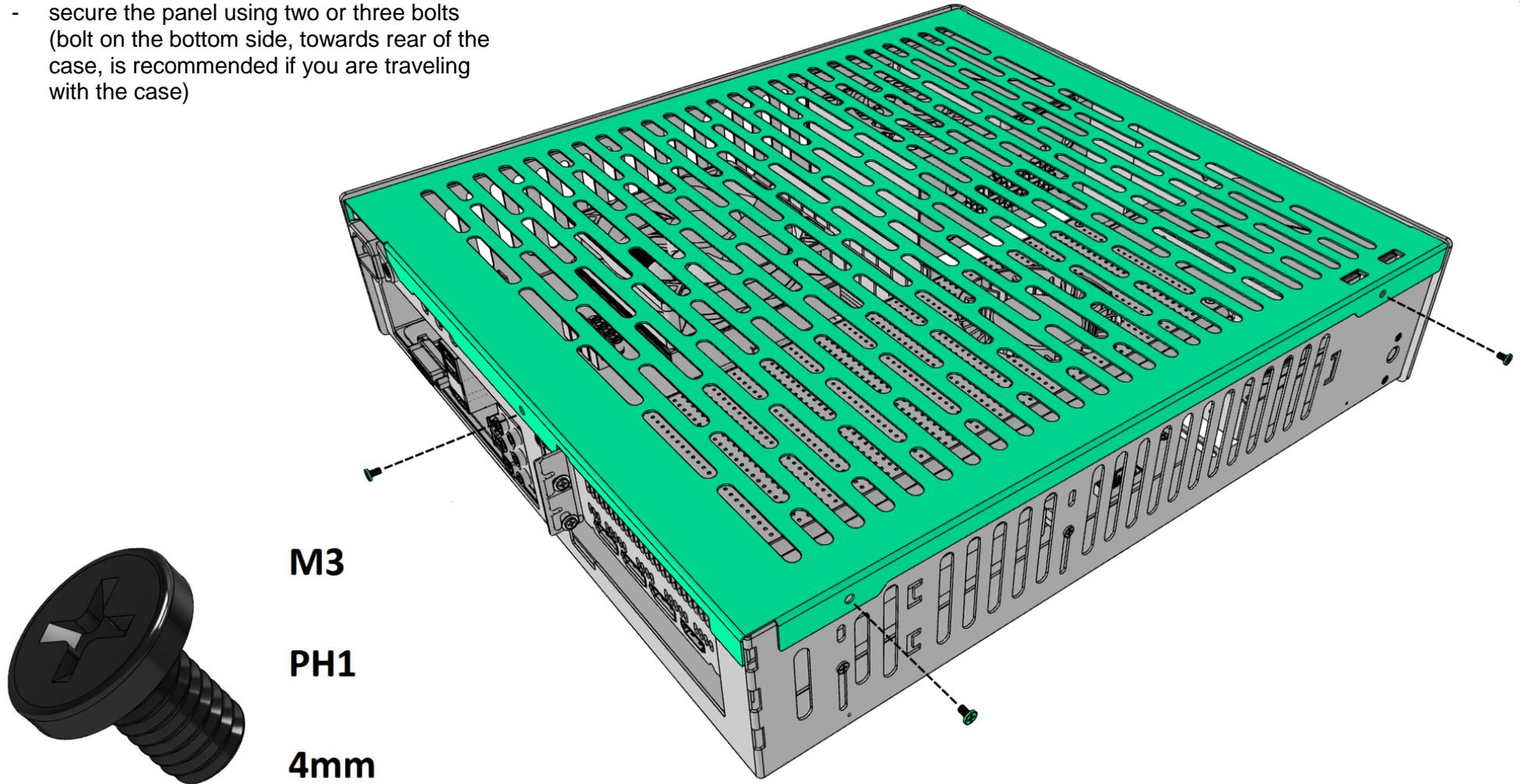
- after installing all the main components, you can attach other cables such as PSU or SATA
- you can now proceed to install side panels and the stand
- installation of water-cooling radiators is covered in the later part of the manual





22. Installing side panels – left panel

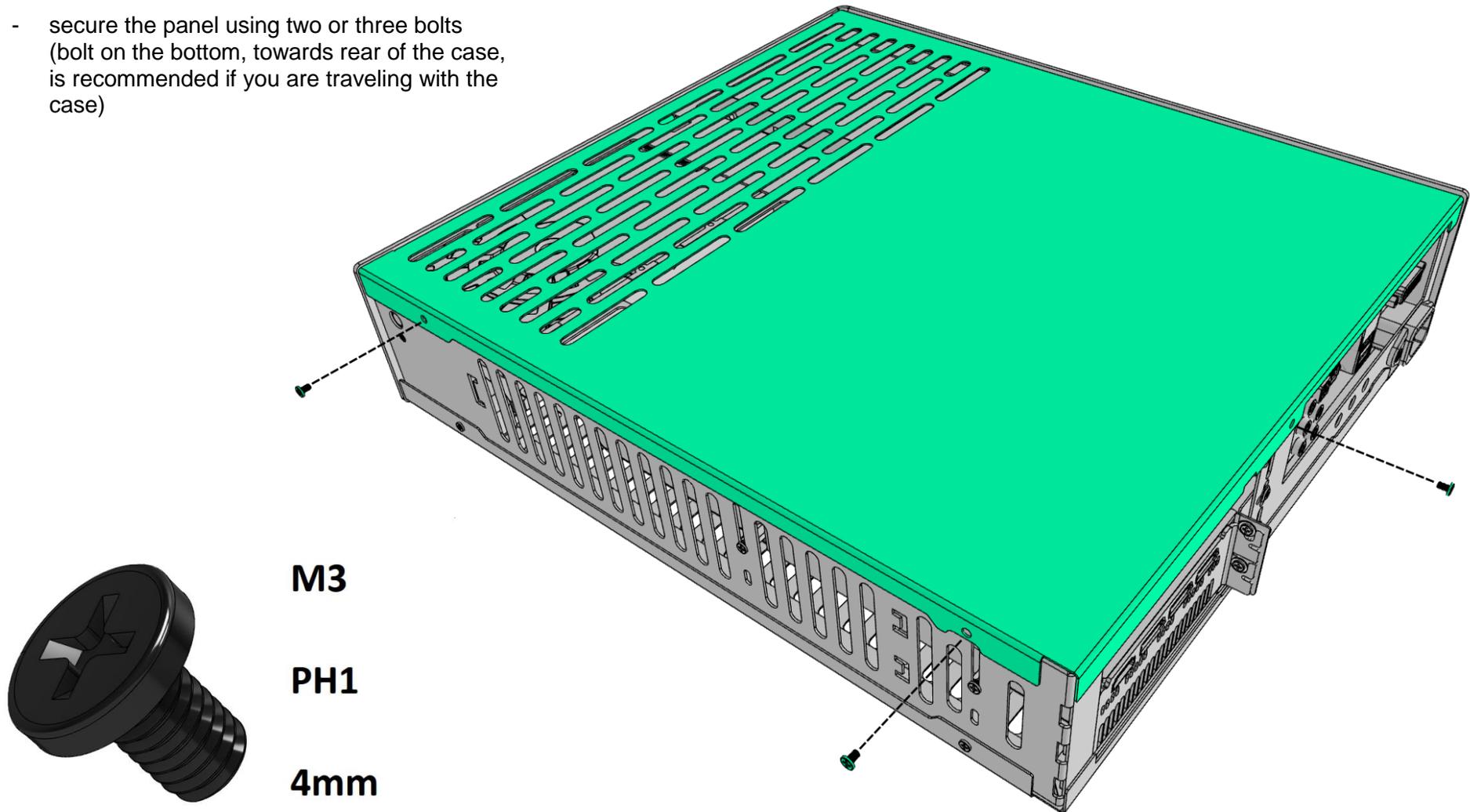
- install left side panel following instructions from step 2, but in reverse order
- secure the panel using two or three bolts (bolt on the bottom side, towards rear of the case, is recommended if you are traveling with the case)





23. Installing side panels – right panel

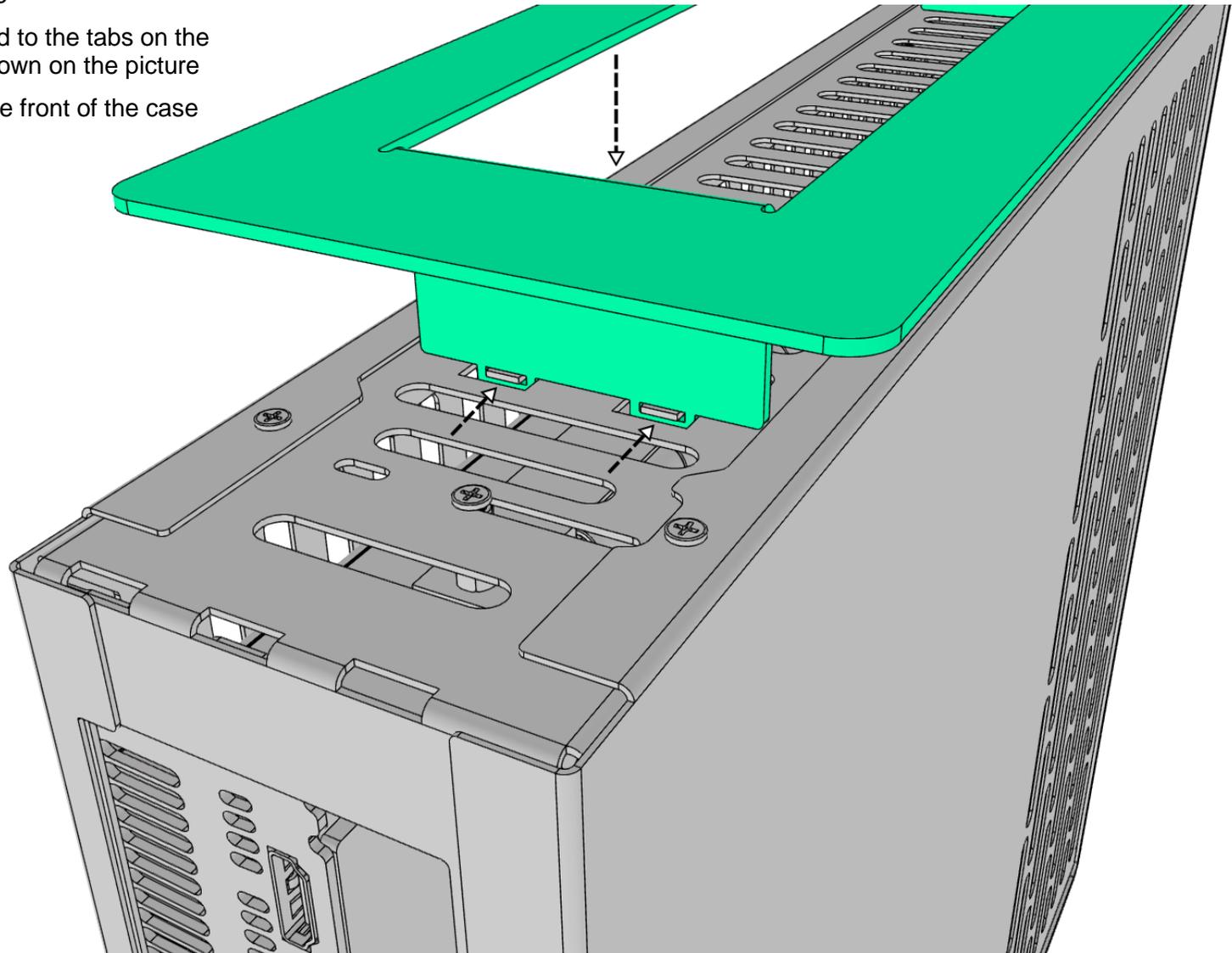
- install right side panel following instructions from step 2, but in reverse order
- secure the panel using two or three bolts (bolt on the bottom, towards rear of the case, is recommended if you are traveling with the case)





24. Installing the stand – rear slots

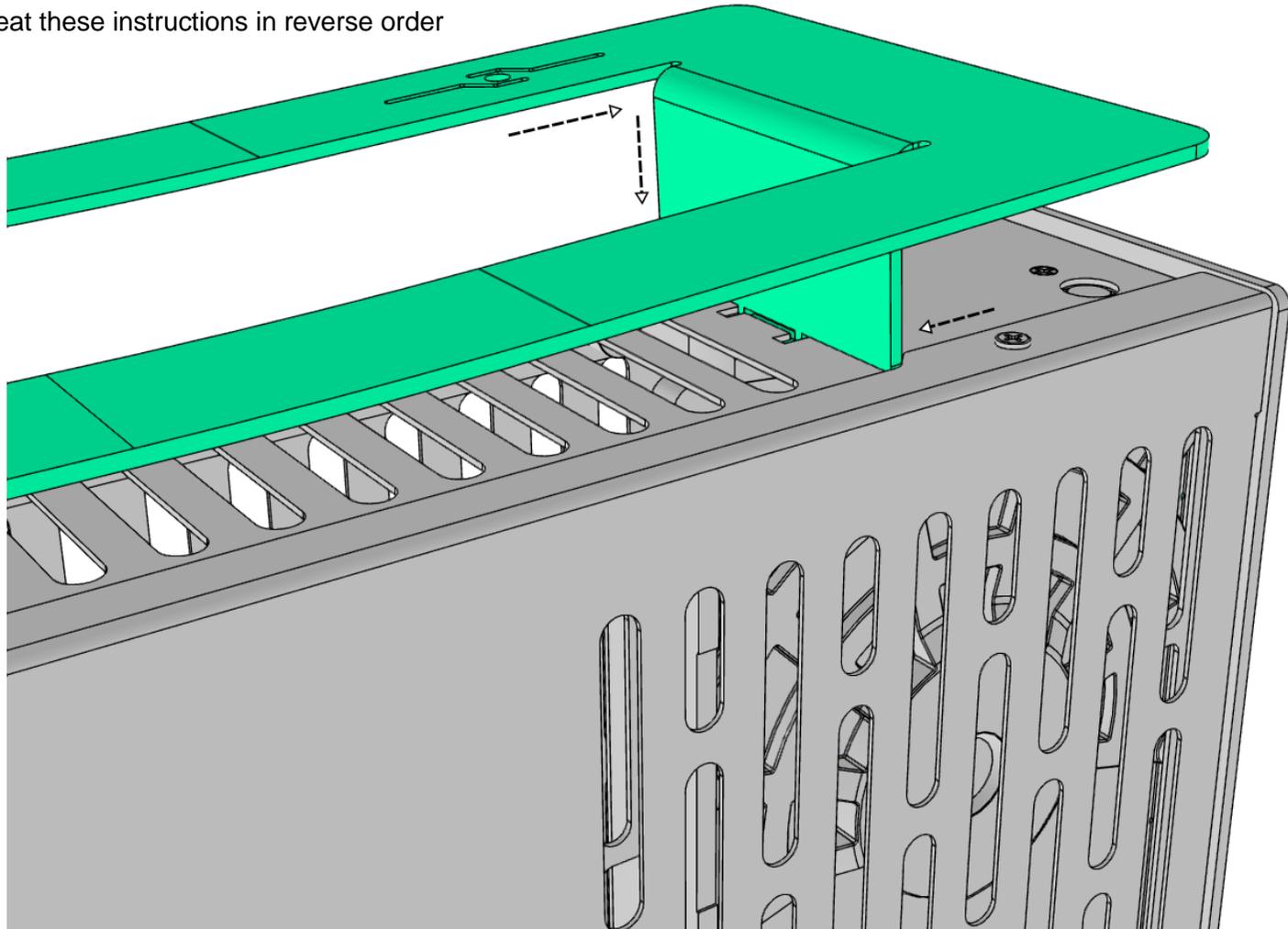
- lay the case on its top side
- align the slots on the stand to the tabs on the bottom of the case like shown on the picture
- push the stand towards the front of the case





25. Installing the stand – front slots

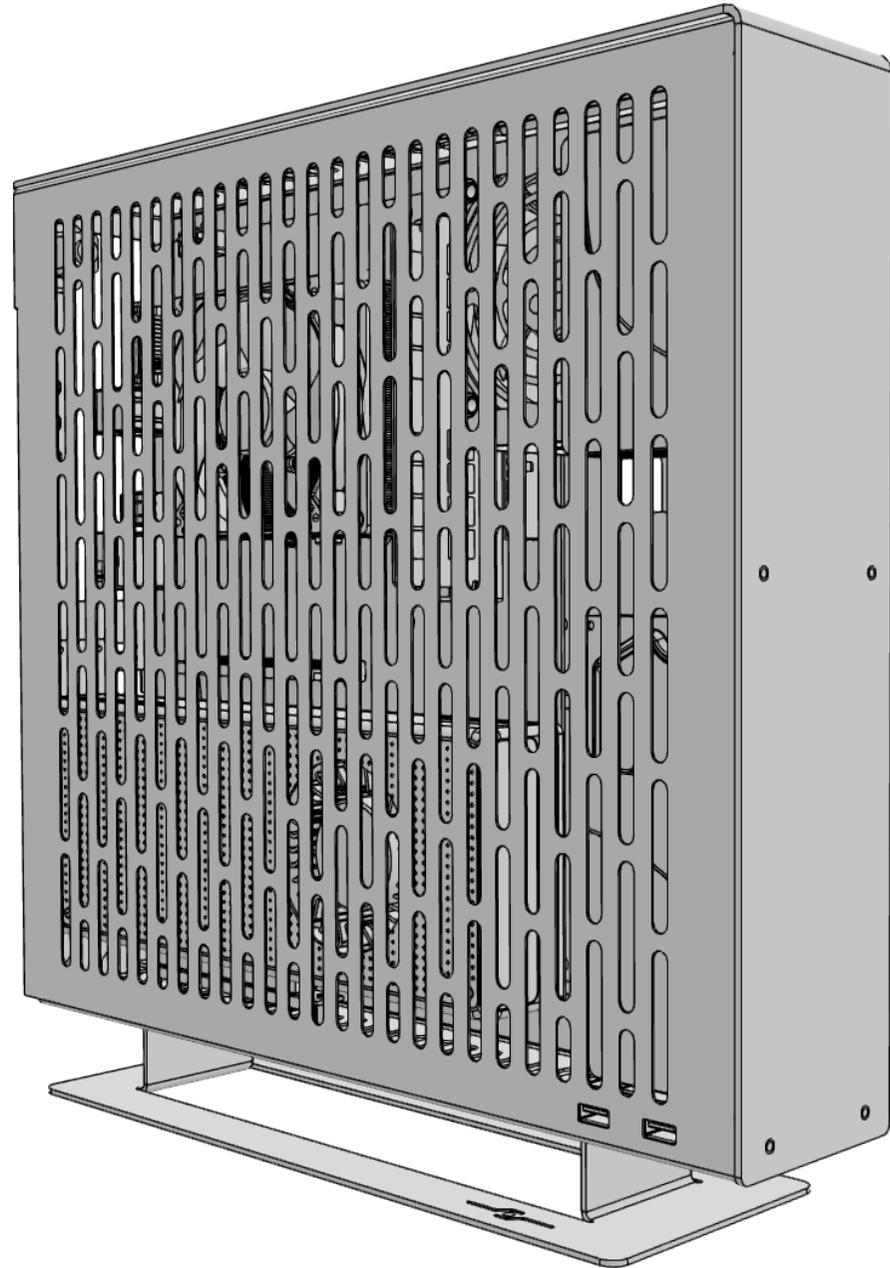
- align the slot on the stand to the tab on the bottom side of the case
- bend the stand by a few mm towards the front side of the case, and while it's bent like that push in down towards the bottom of the case and release the pressure
- stand should contract and get secured to the case
- to remove the stand, repeat these instructions in reverse order





26. Build complete

- congratulations, you have completed your build in the P-ATX V2 case!
- if you have any questions, comments or want to send us your feedback, please write to us at info@sftime.com
- be sure to check out our website sftime.com to see the updates and new case designs
- you can find instructions for mounting the water-cooling radiators and alternative AC connector mount method on the following pages
- want to share pictures of your build with us? Send them to the email above and we'll display them on our website and social media





27. Installing the water-cooling radiator – 120mm radiator (part 1)

- optionally, you can install water cooling radiator in the position otherwise occupied by hard drives
- place the radiator in a position shown on the picture, and screw it to the case using four provided bolts
- depending on the threads on your radiator, use either provided M3 or #6-32 bolts



M3

PH1

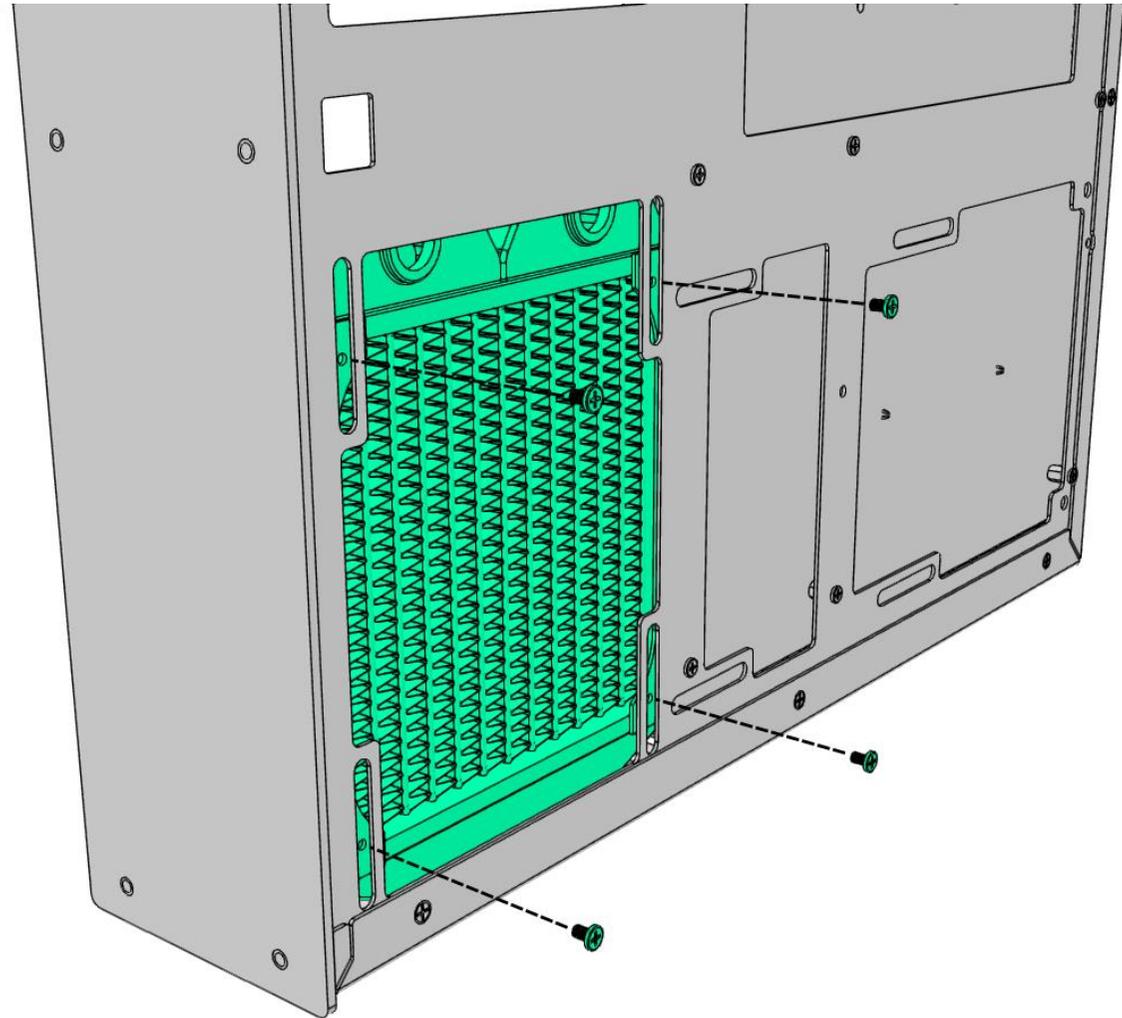
4mm



#6-32

PH2

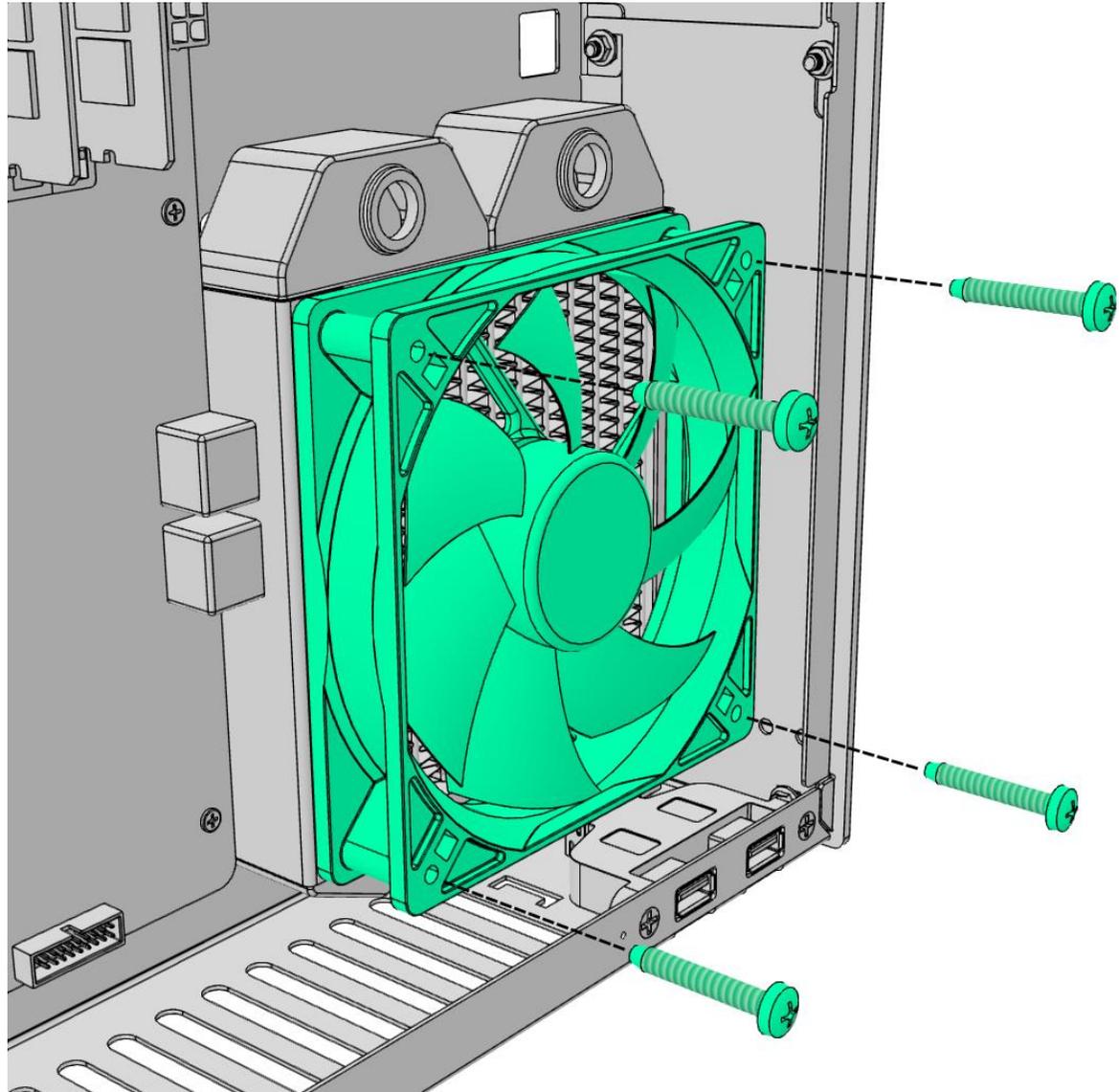
5mm





28. Installing the water-cooling radiator – 120mm radiator (part 2)

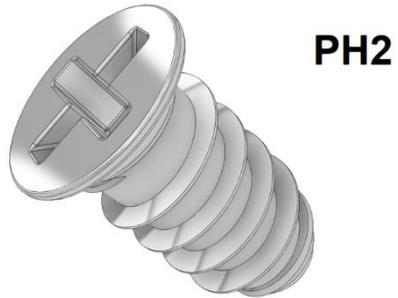
- attach the 120mm fan to the radiator using bolts provided with the radiator
- always use correct length bolts, otherwise you could damage the radiator



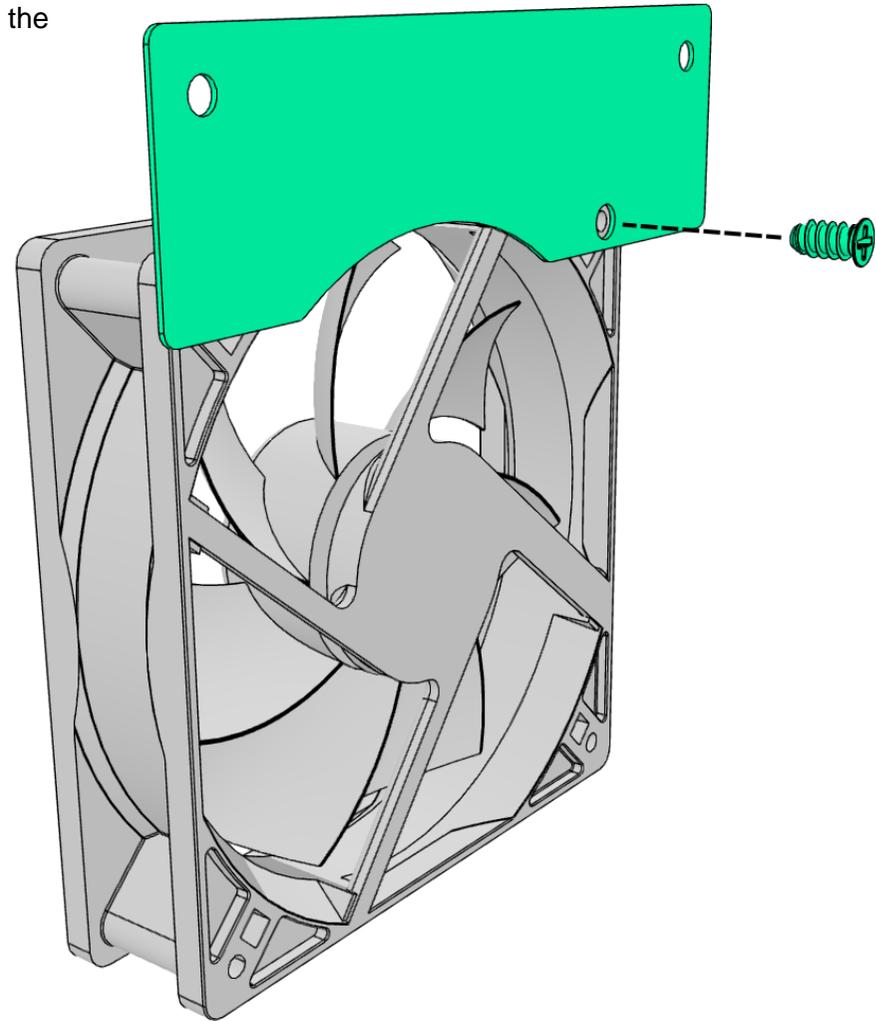


29. Installing the water-cooling radiator – 120mm radiator with 92mm fan (part 1)

- if you want to use dual slot GPU longer than 245mm and shorter than 270mm with 120mm radiator, you can mount the 92mm fan to the 120mm radiator using included bracket
- attach the bracket to the 92mm fan with one fan screw, like shown on the picture
- use screw provided with the fan



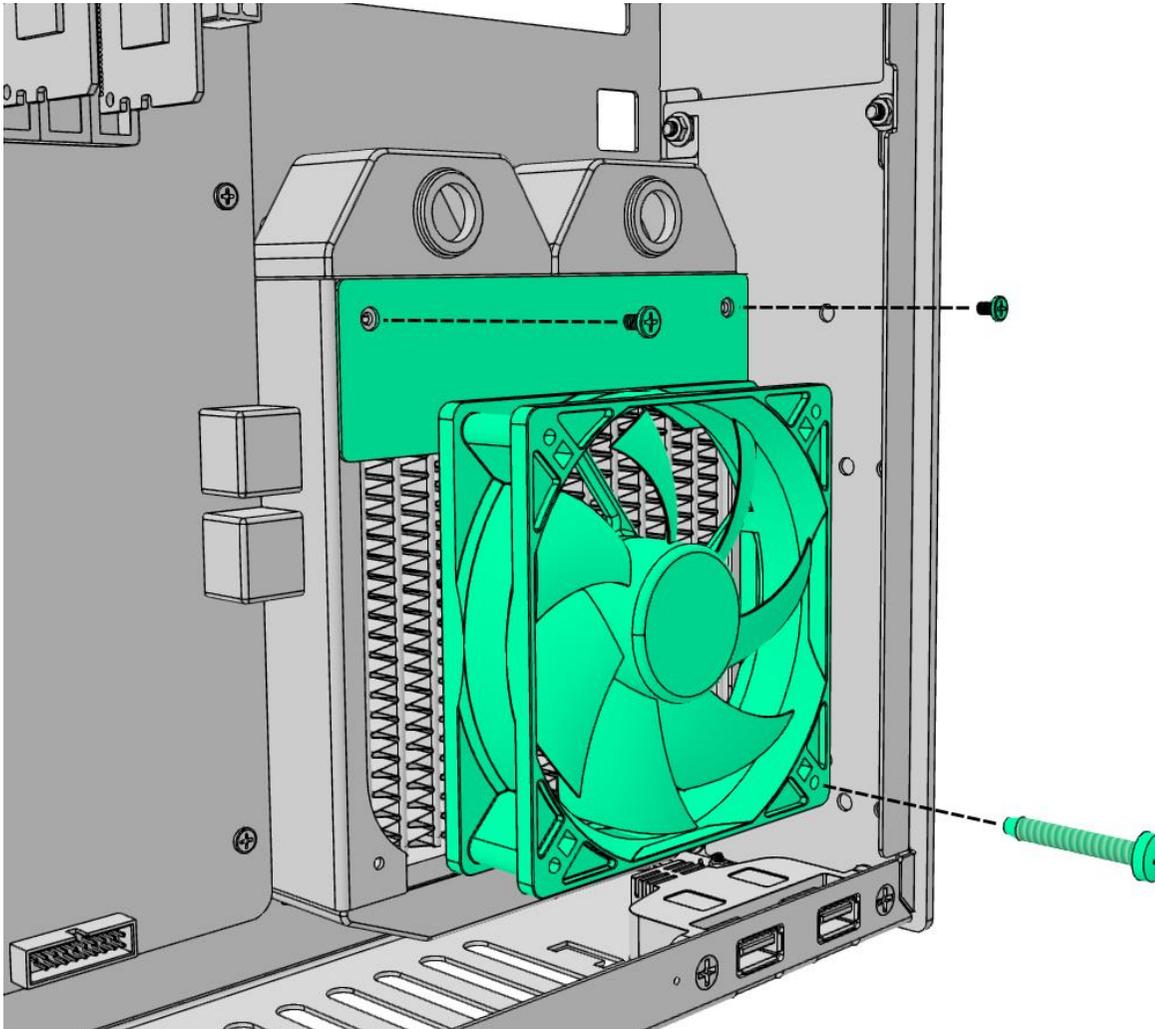
PH2





30. Installing the water-cooling radiator – 120mm radiator with 92mm fan (part 2)

- attach the assembly to the 120mm radiator like shown on the picture using two provided M3 or #6-32 bolts and one bolt provided with your radiator



M3

PH1

4mm



#6-32

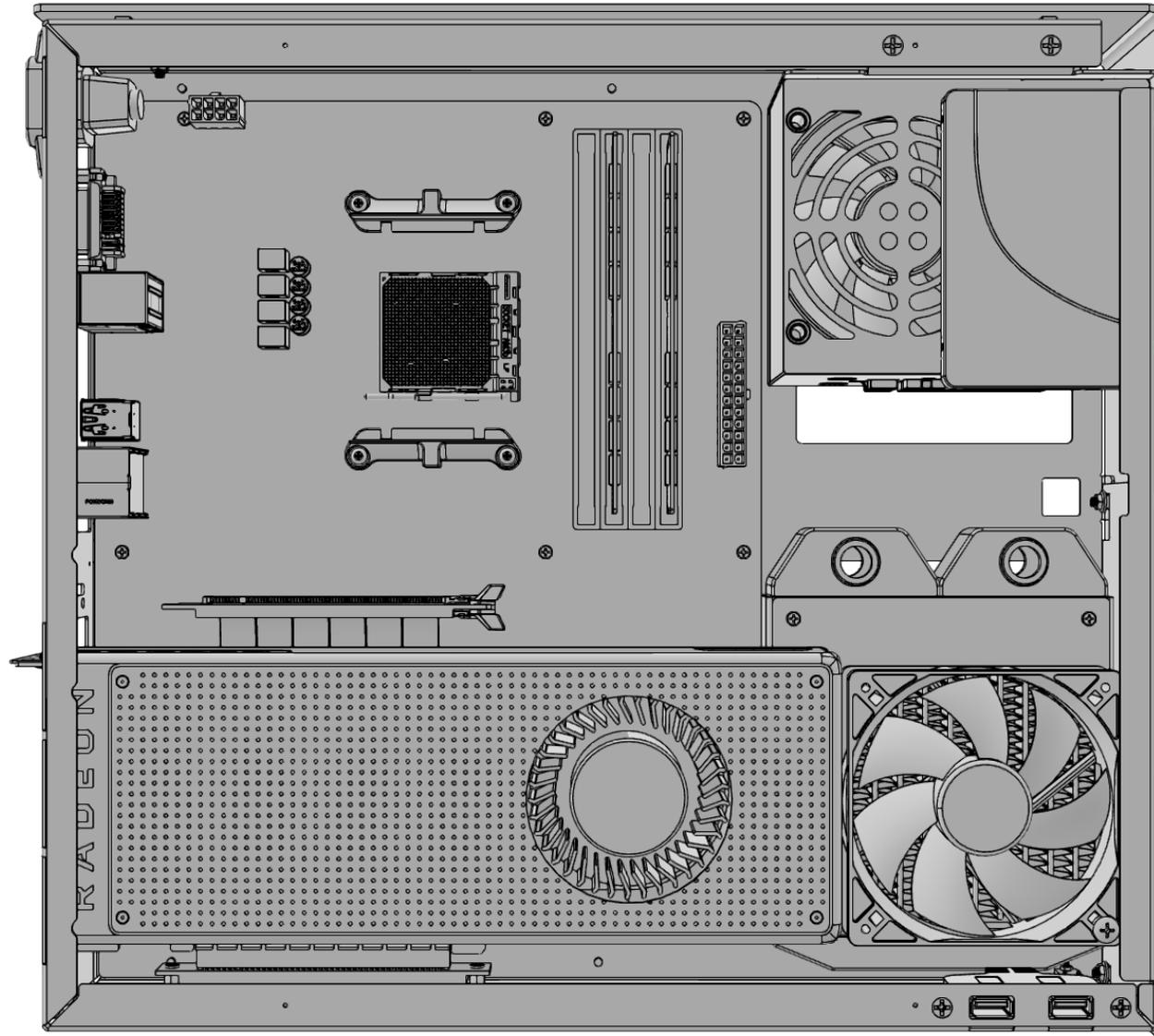
PH2

5mm



31. Installing the water-cooling radiator – 120mm radiator with 92mm fan (part 3)

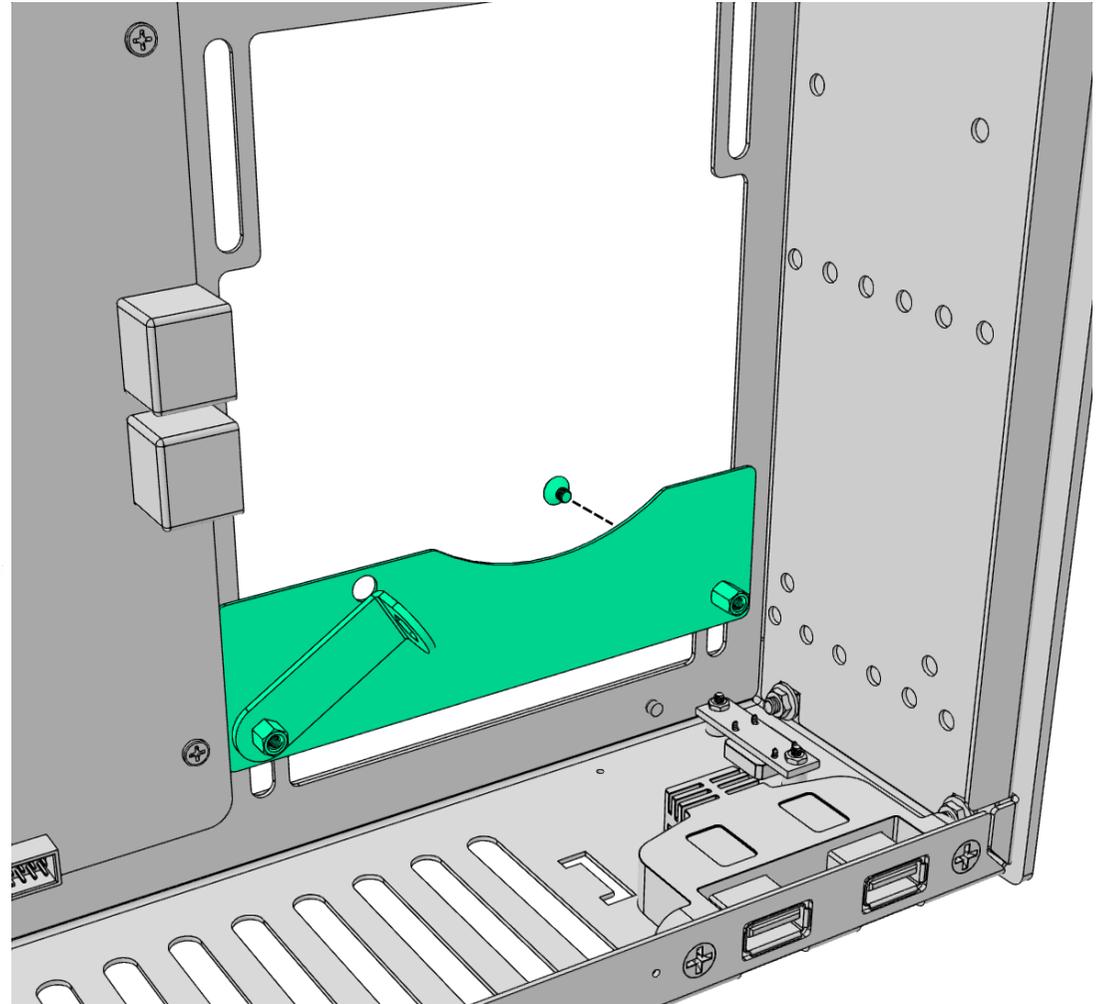
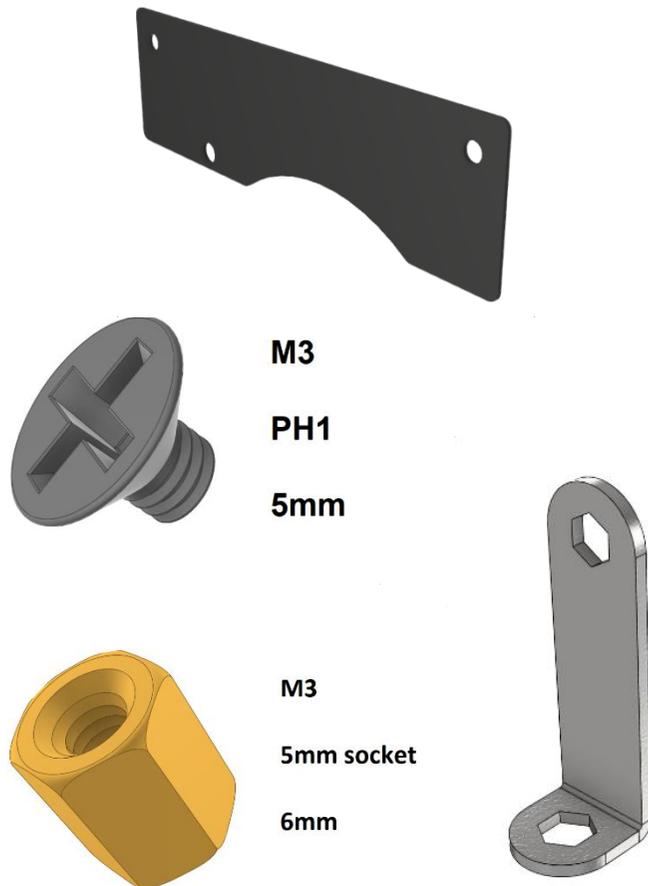
- this picture shows 267mm long (or 10.5", reference length) dual slot GPU next to the 120mm radiator with 92mm fan





32. Installing the water-cooling radiator – 92mm radiator (part 1)

- to install the 92mm radiator you need to use the provided bracket
- attach the bracket to the case with M3 bolts and standoffs (used as nuts), like shown on the picture
- use the provided tool for holding the standoffs while tightening down the bolts





33. Installing the water-cooling radiator – 92mm radiator (part 2)

- place the radiator in a position shown on the picture, and screw it to the case with one bolt and to the bracket using another bolt
- depending on the threads on your radiator, use either provided M3 or #6-32 bolts



M3

PH1

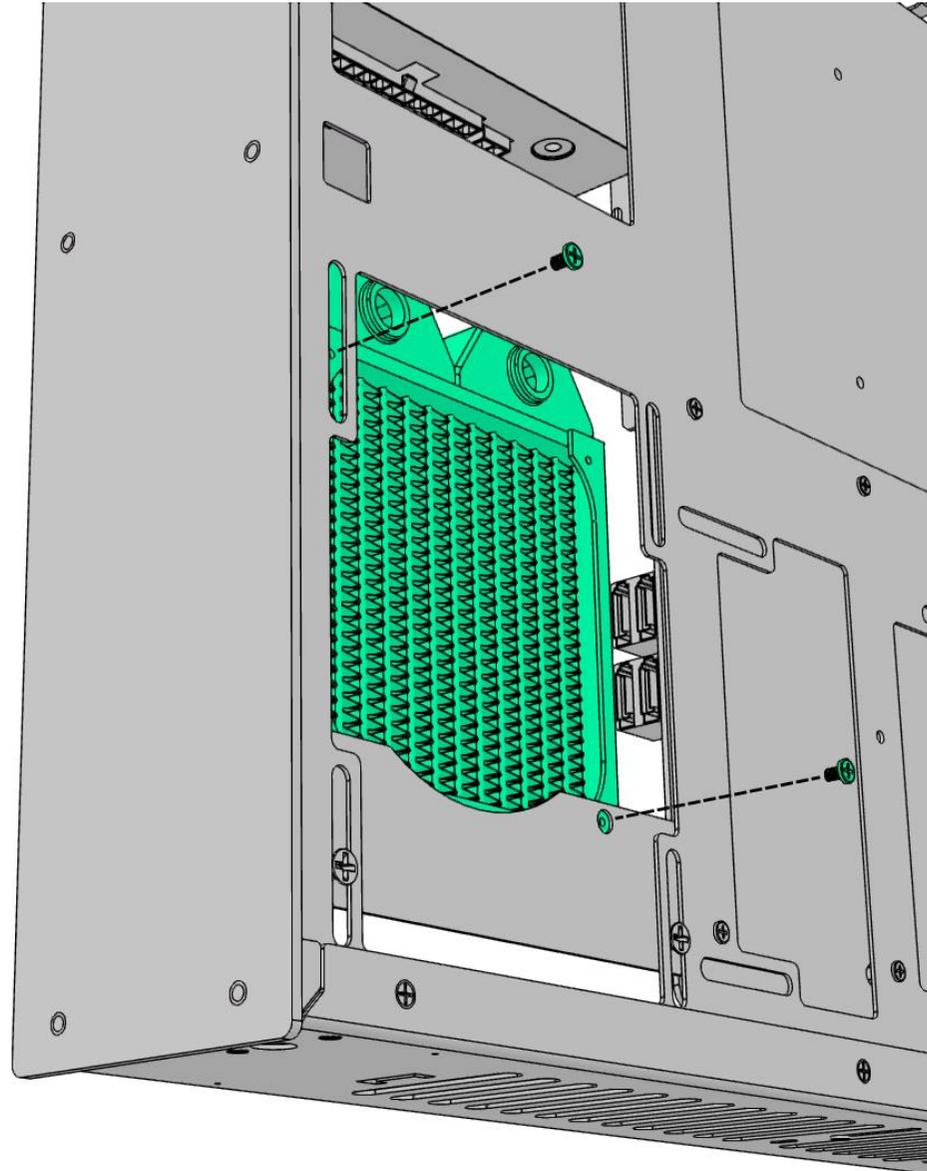
4mm



#6-32

PH2

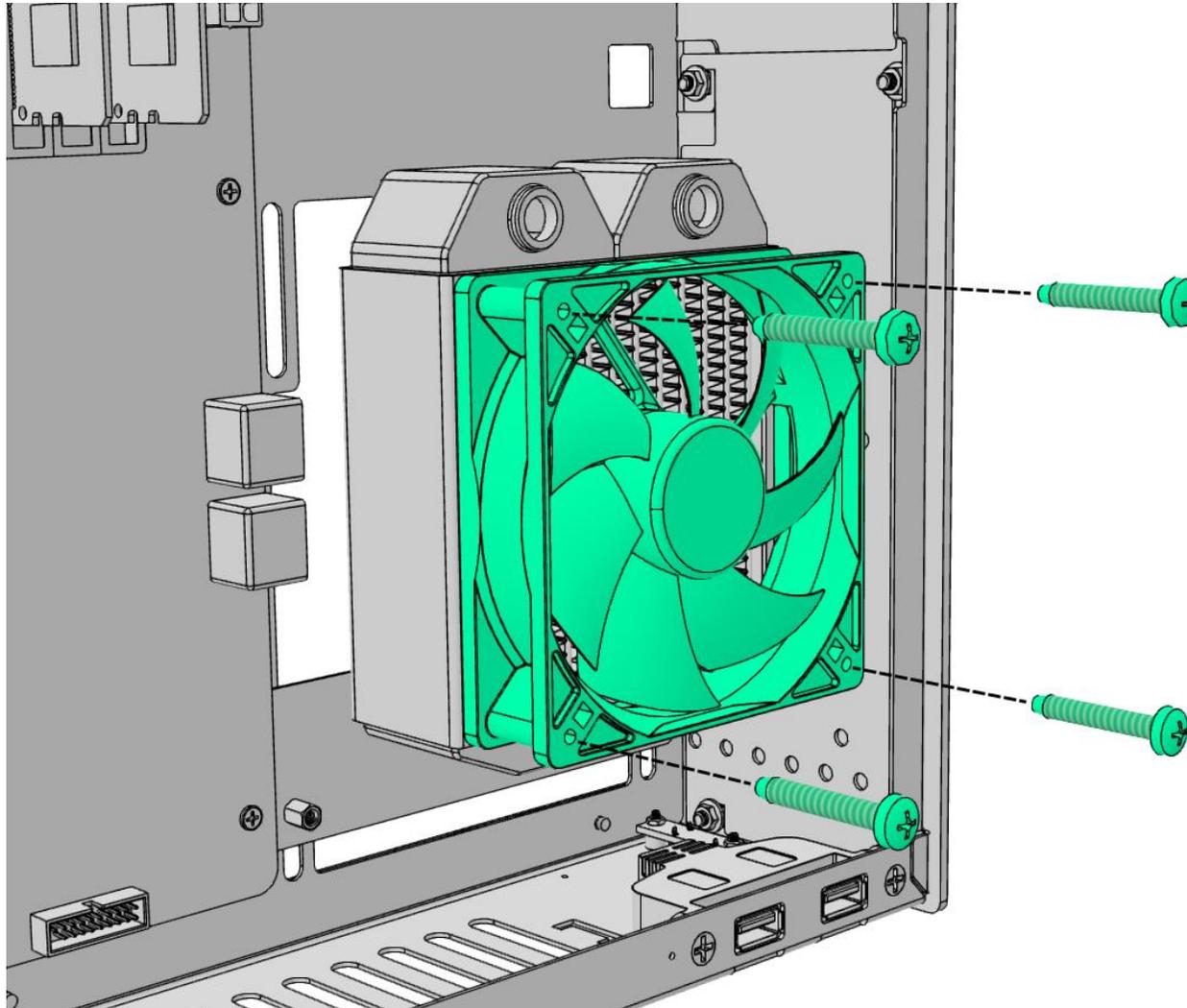
5mm





34. Installing the water-cooling radiator – 92mm radiator (part 3)

- attach the 92mm fan to the radiator using bolts provided with the radiator





35. Alternative AC cable mount

- if your CPU cooler collides with the AC connector on the rear of the case, you can install it outside with only the cable secured to the case
- to do that, use provided AC bracket and cable grommet
- remove the AC connector from the case
- put the grommet around the cable
- push the grommet into the corresponding slot on the AC bracket
- screw the AC bracket to the case using flat head M3 bolts



M3

PH1

4mm

