



Dear customer,

Thank you for purchasing the SFF time U-ITX case. Please read the full compatibility list before assembling your PC. You can find it on sfftime.com or on the next page of the manual.

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



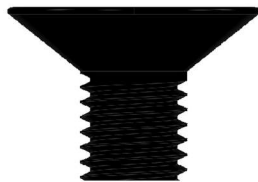
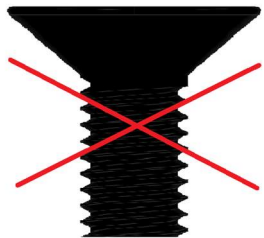
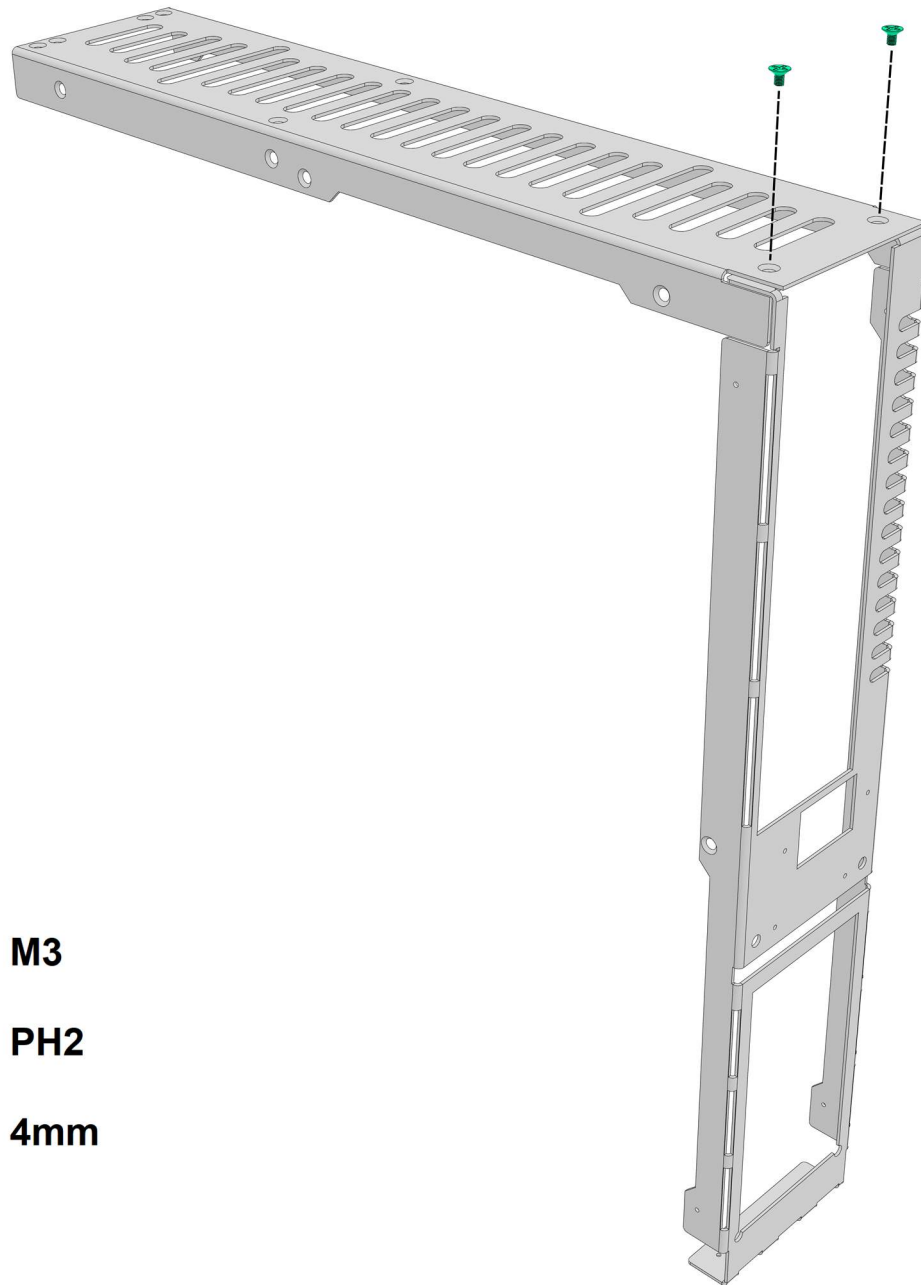
SFF time U-ITX specifications:

- 7 L volume with 308 x 335 x 68 mm outer dimensions
- console style case with CPU and GPU fans in the same orientation for optimal airflow
- vertically mounted GPU
- support for 3 slot GPU's up to 306 mm long and 138 mm tall
- support for ITX motherboards
- CPU air coolers up to 50 mm tall
- SFX power supplies up to 130 mm long
- mount for 120/240 mm AIO in certain configurations
- back of motherboard accessible for cooler and M.2 installation
- support for up to three 2.5" hard drives
- lightweight aluminum construction (<1 kg, with 1 mm thick panels)
- inverted layout option
- narrow footprint - 100 mm wide with included stand



1. Case assembly (part 1)

- your case will come with separated chassis panels and you will need to assemble them before installing your parts in it
- start by attaching the rear panel to the top panel with two 4mm countersunk bolts
- ensure correct orientation of all parts
- be careful not to overtighten the bolts, as you are screwing into aluminum



M3

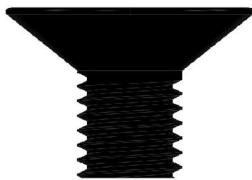
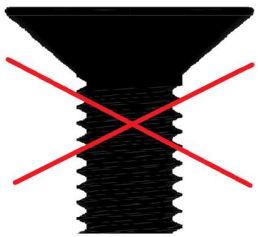
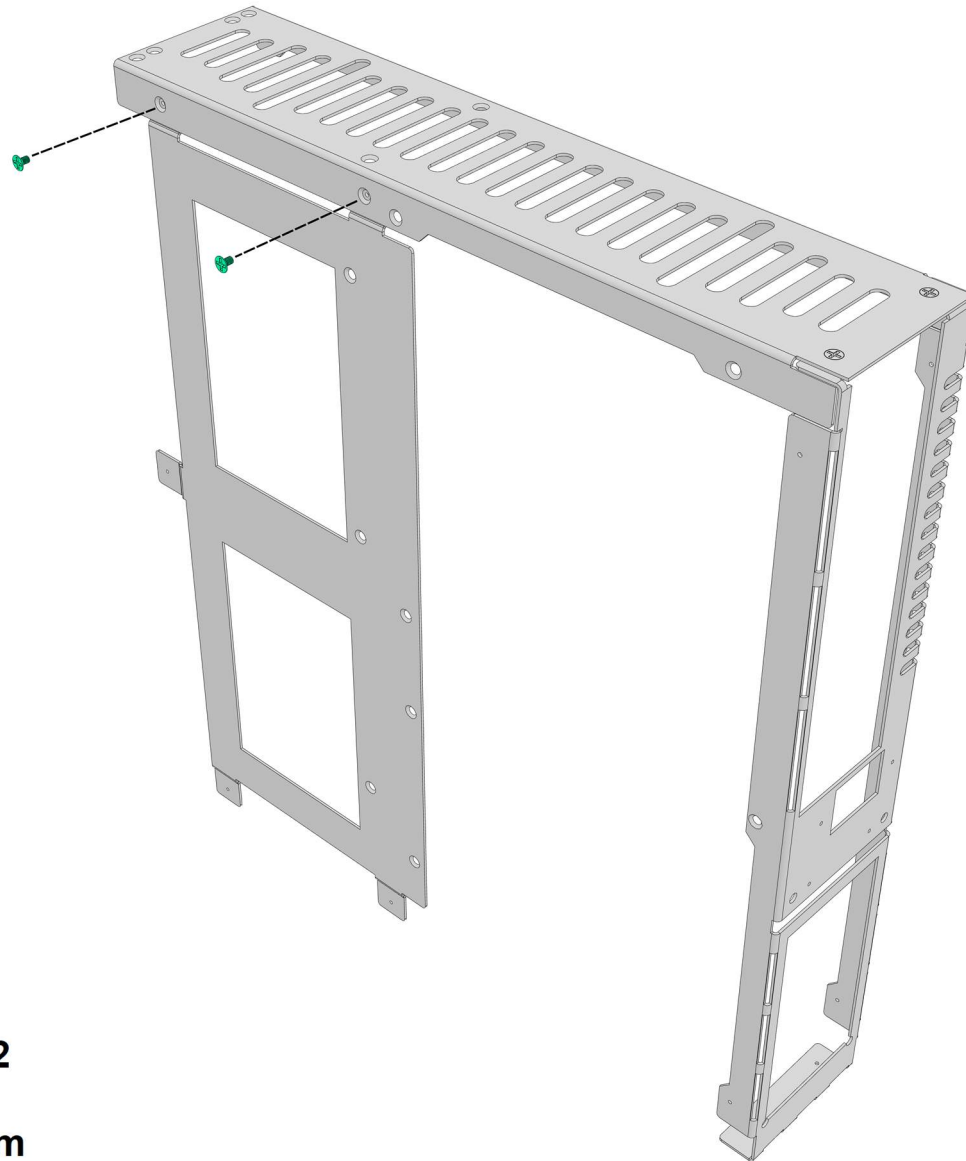
PH2

4mm



2. Case assembly (part 2)

- attach the motherboard (MBO) tray to the top panel
- use two 4mm countersunk bolts



M3

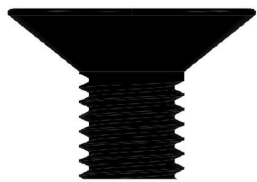
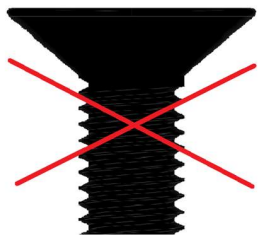
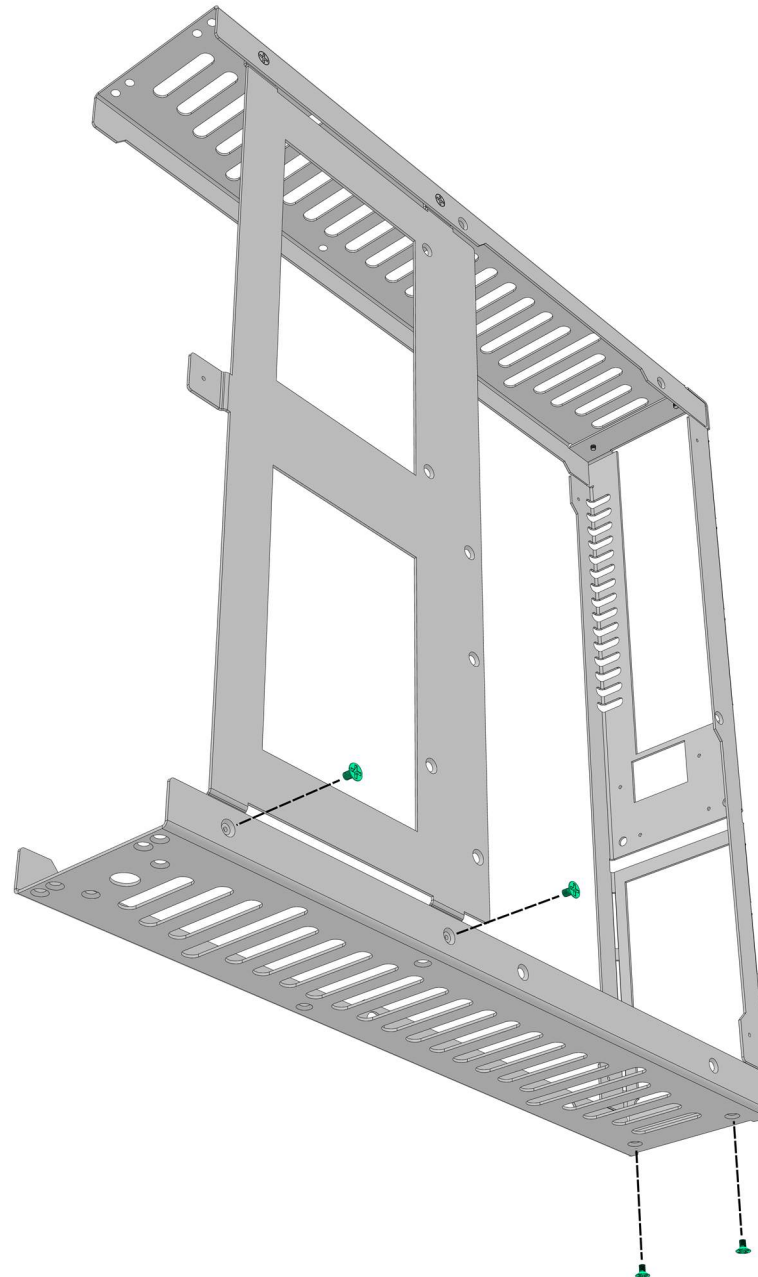
PH2

4mm



3. Case assembly (part 3)

- now attach the bottom panel to the MBO tray and to the rear panel with four 4mm countersunk bolts
- if you are using a large GPU you can assemble the bottom and front panels after installing the GPU



M3

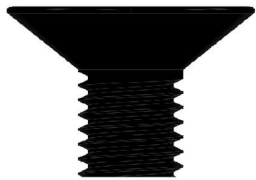
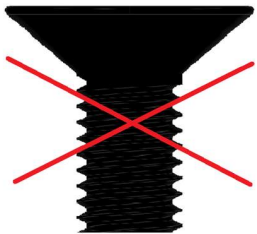
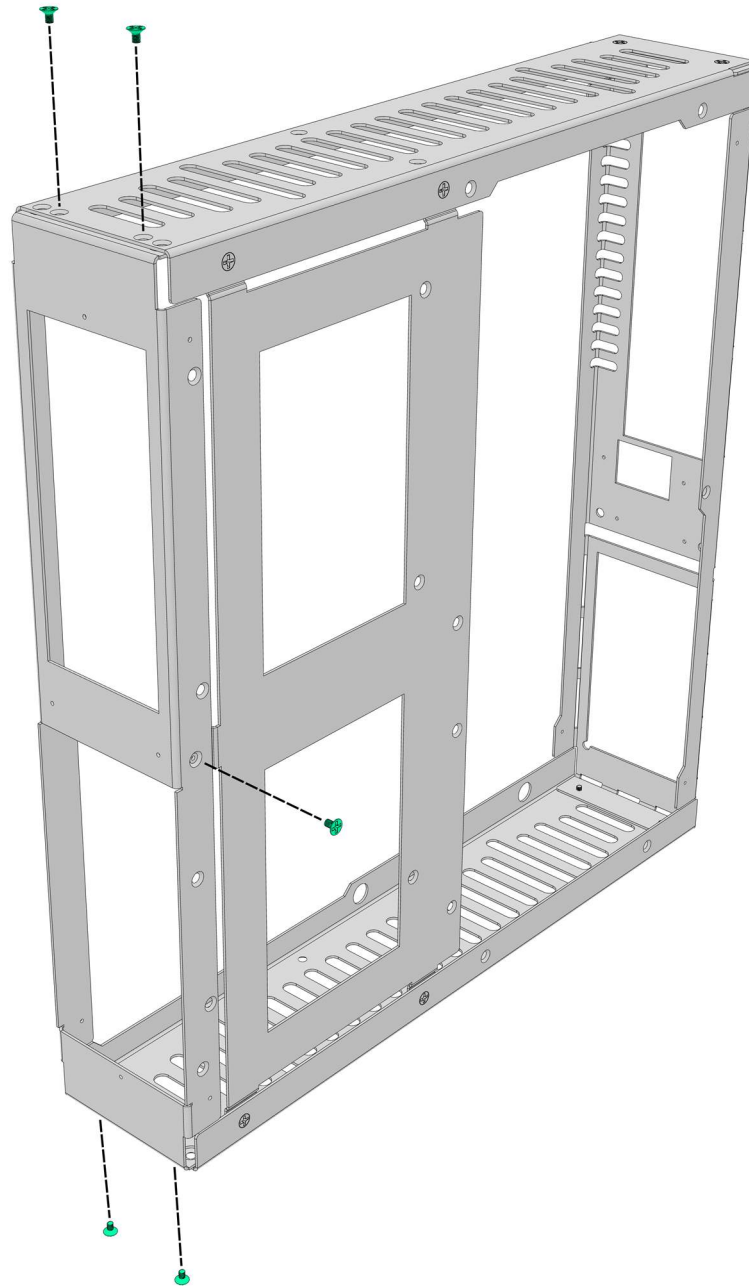
PH2

4mm



4. Case assembly (part 4)

- next step is to attach the front panel to the top and bottom panels and the MBO tray with five 4mm countersunk bolts
- if you are using a large GPU you can assemble the bottom and front panels after installing the GPU



M3

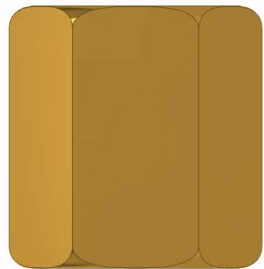
PH2

4mm



5. Installing a motherboard – preparing standoffs

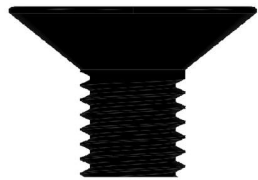
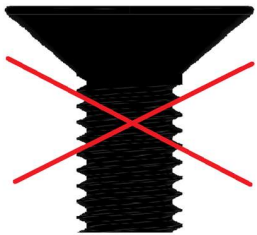
- to install standoffs, you need a standoff and a bolt that holds it
- screw the standoffs to the bolts with your hands
- refer to the image for standoff placement locations



M3

5mm socket

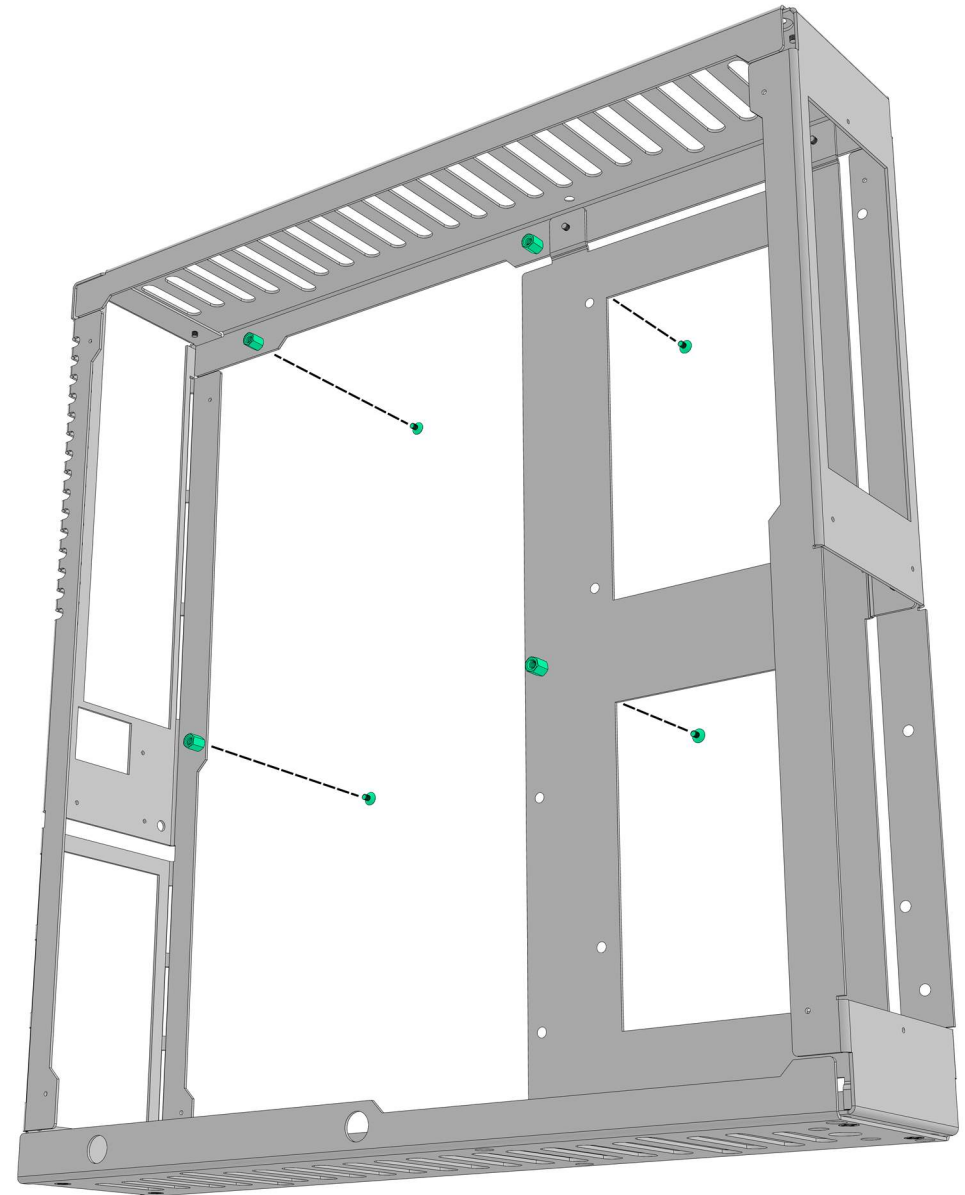
6mm



M3

PH2

4mm





6. Installing a motherboard – bolts and cables

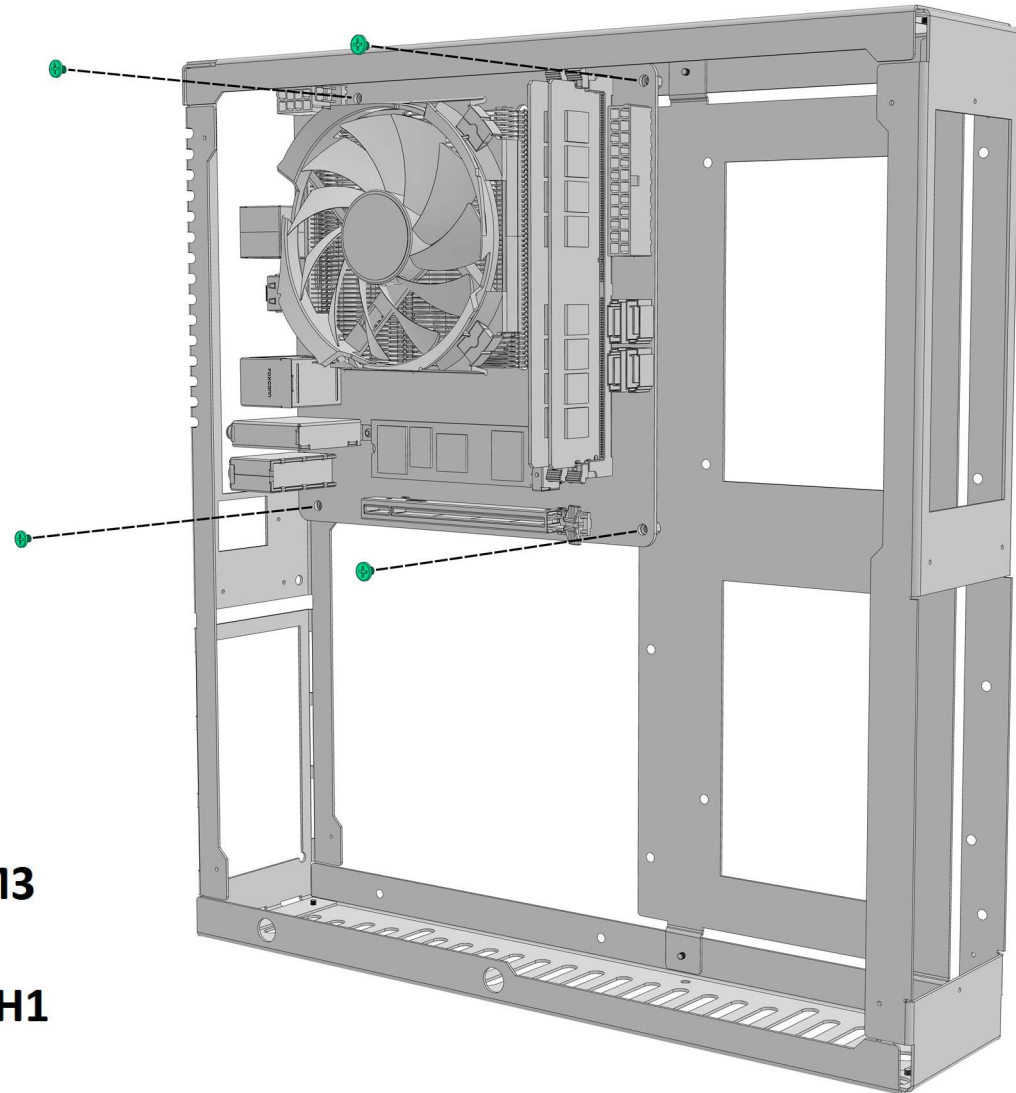
- prepare the motherboard by installing a CPU, RAM, M.2 drives, and a CPU cooler
- **install the IO shield**
- align the motherboard on the standoffs
- screw the motherboard down with four pan head bolts
- after installing the motherboard, connect the power switch connector
- if you are not sure about motherboard connector positions, please consult its manual



M3

PH1

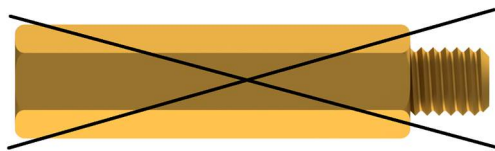
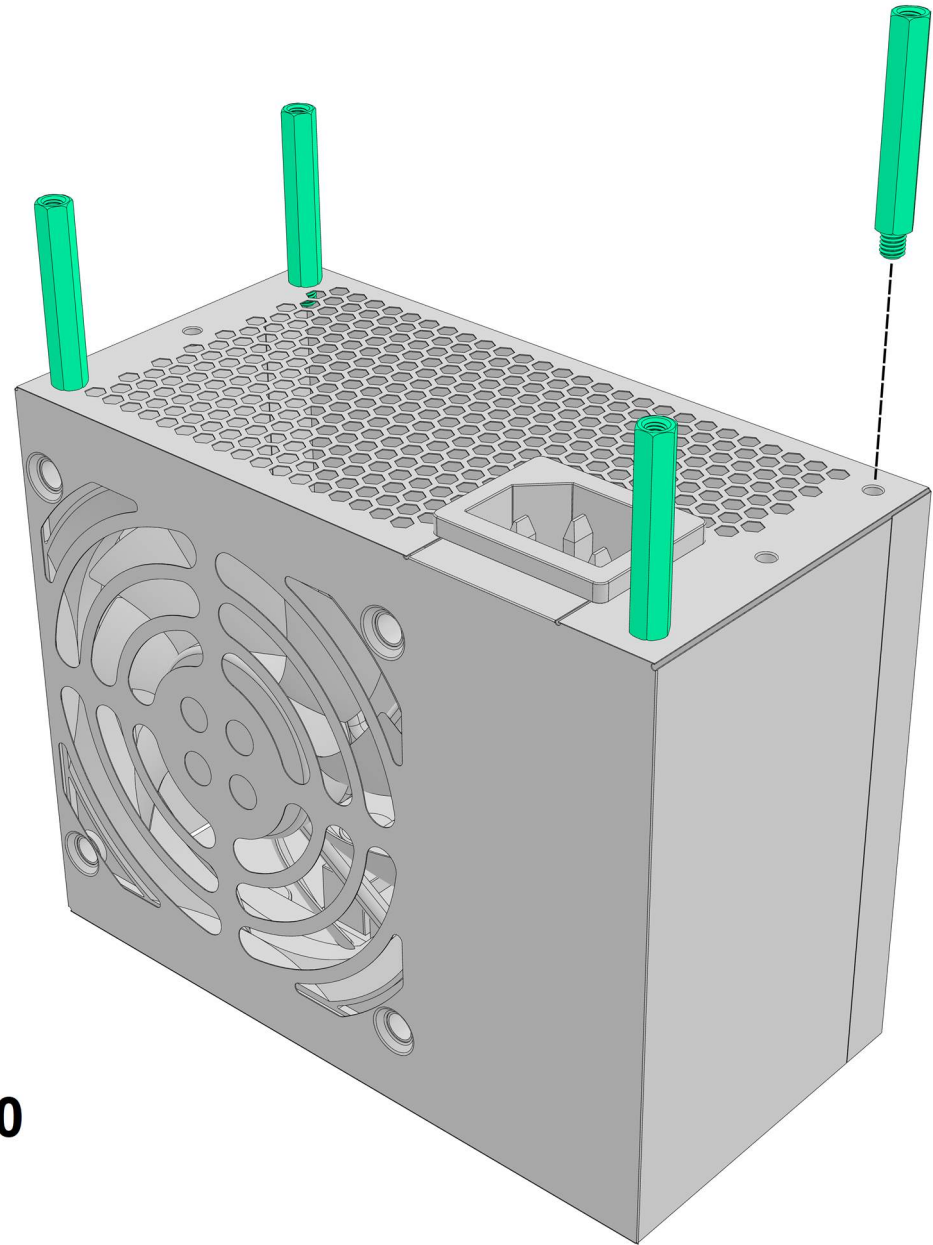
4mm





7. Installing an SFX power supply – standoffs

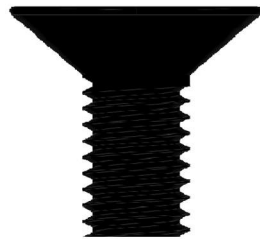
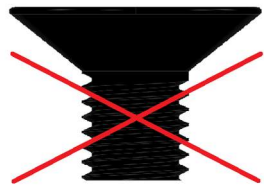
- select the PSU orientation based on its power connector orientation
- screw down provided 30 mm long brass standoffs to the PSU





8. Installing an SFX power supply

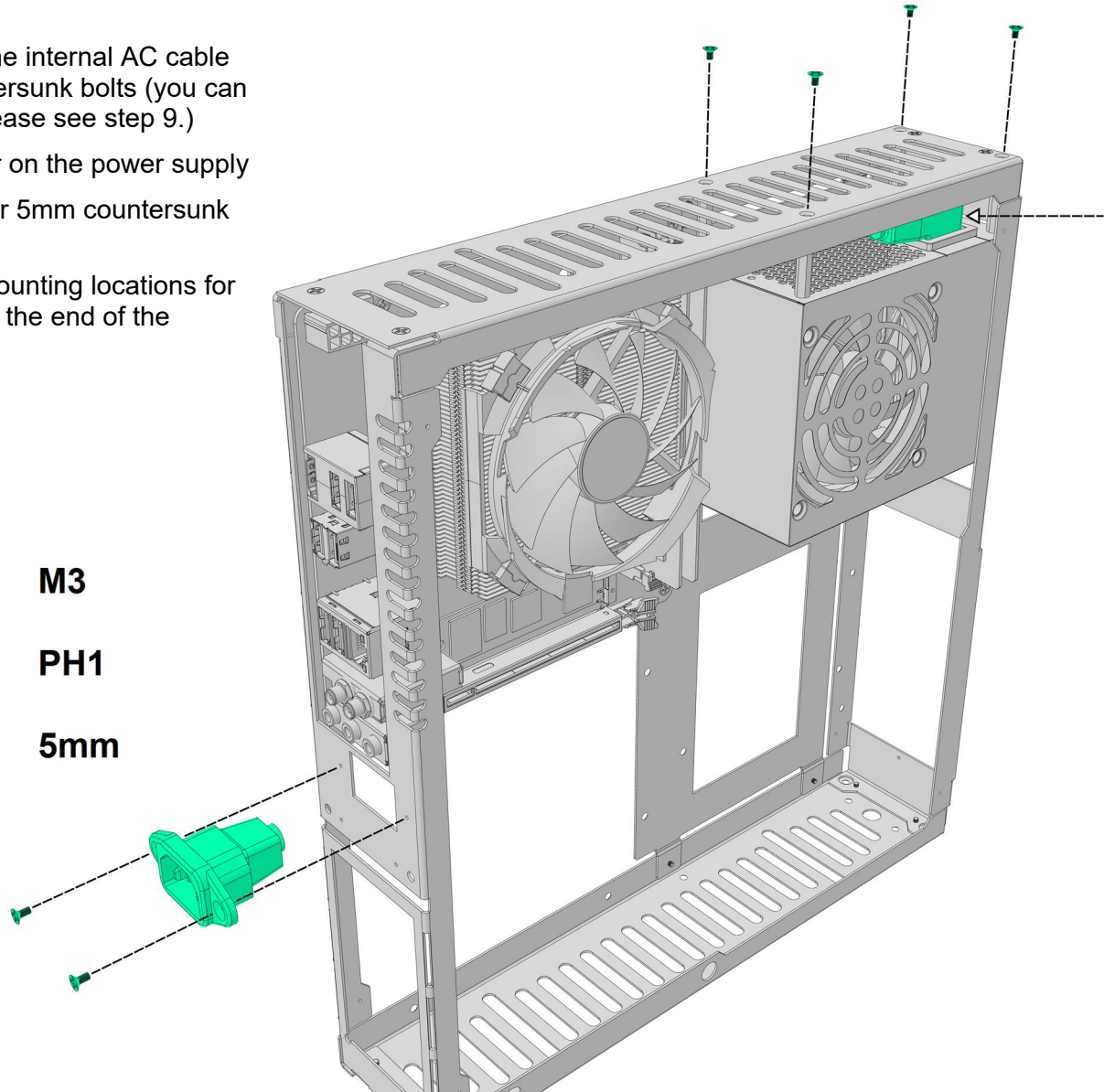
- before installing the power supply, secure the internal AC cable to the rear of the case with two 5 mm countersunk bolts (you can use pigtail connection if your GPU is tall, please see step 9.)
- insert the female AC plug into the connector on the power supply
- screw down the PSU to the chassis with four 5mm countersunk bolts like shown in the picture
- please note that there are two alternative mounting locations for the SFX power supply, you can see them at the end of the manual in alternative configurations section



M3

PH1

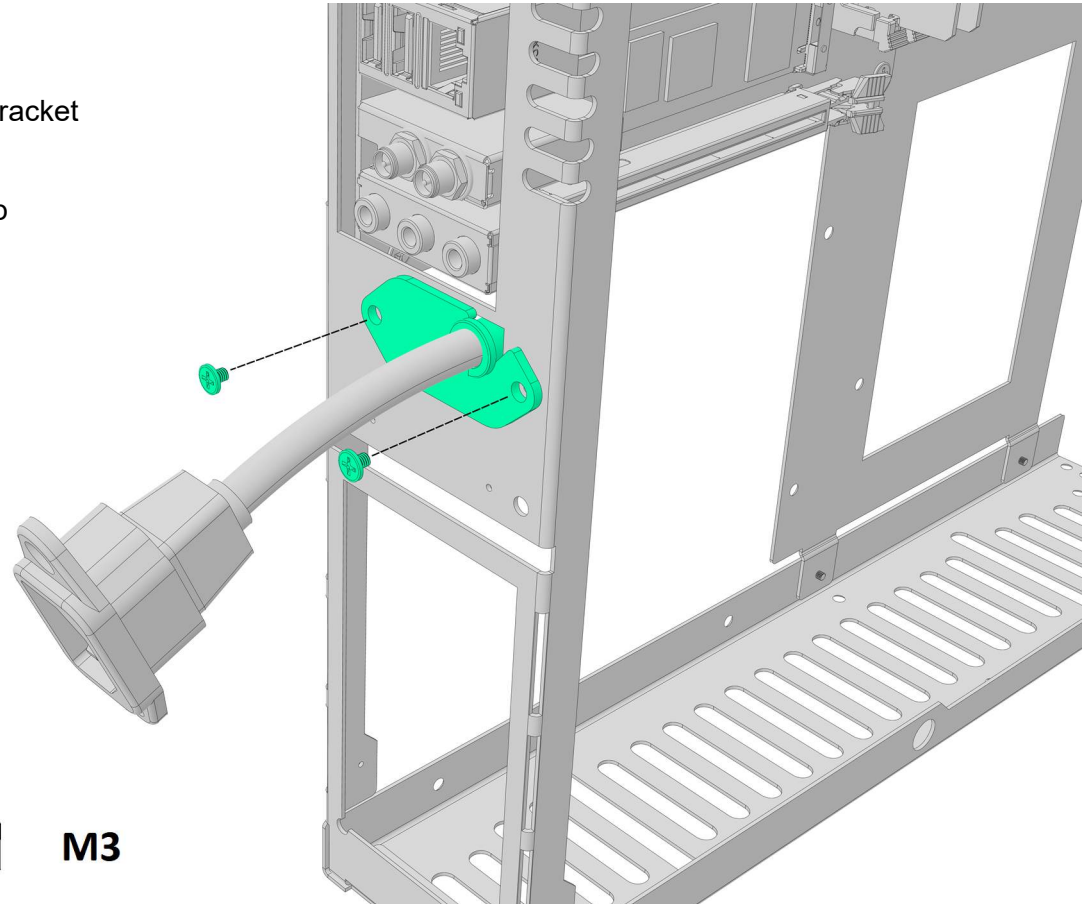
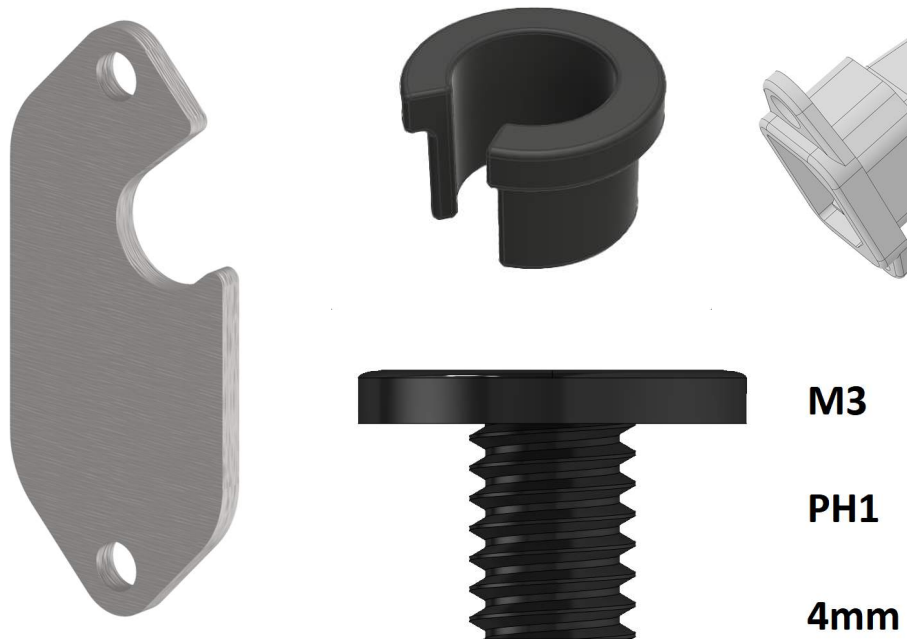
5mm





9. Alternative AC cable mount

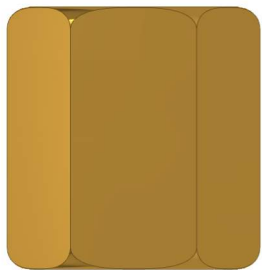
- if your GPU is tall and obstructs the AC connector at the rear, install it externally, securing only the cable to the case
- to do that, use provided AC bracket and cable grommet
- put the grommet around the cable
- push the grommet into the corresponding slot on the AC bracket
- screw the AC bracket to the case using pan head bolts
- if your GPU is not taller than 131 mm, please skip this step





10. Installing a GPU – preparing standoffs (part 1)

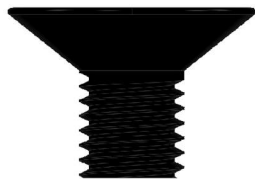
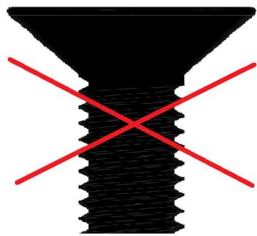
- to install standoffs, you need a standoff and a bolt that holds it
- screw the standoffs to the bolts with your hands
- you can see standoff locations in the picture



M3

5mm socket

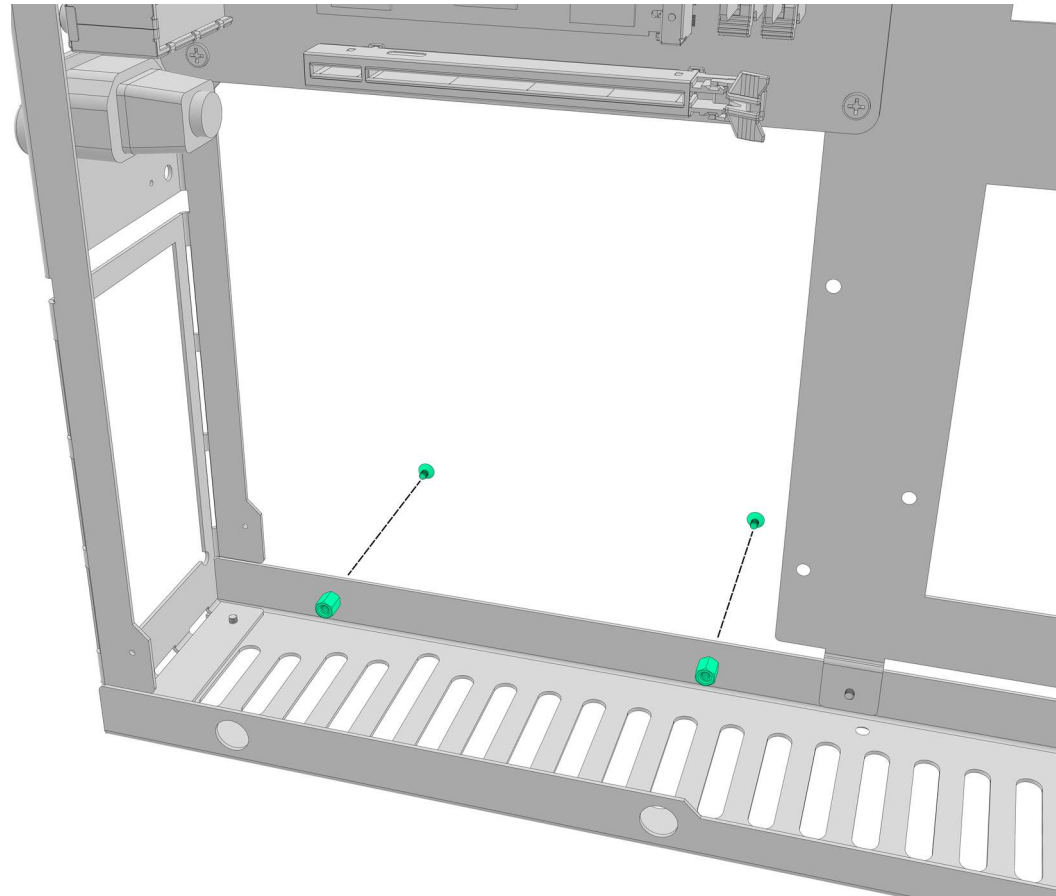
6mm



M3

PH2

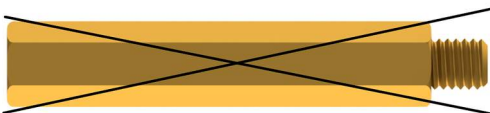
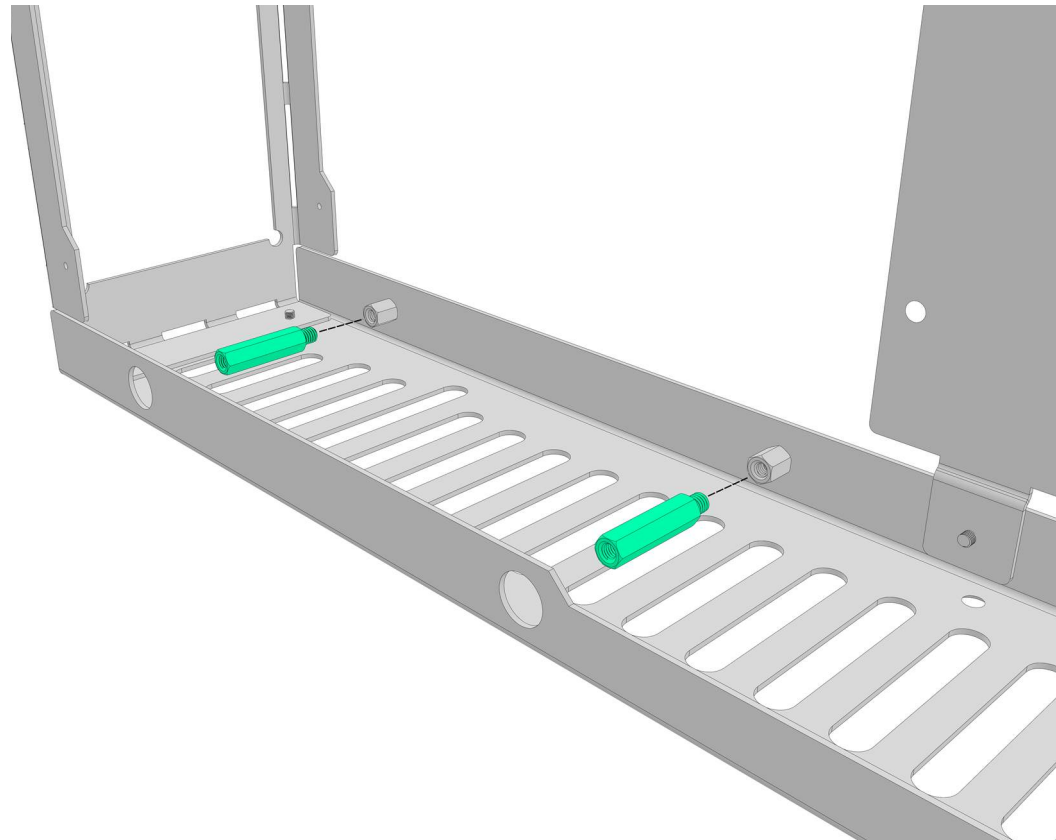
4mm





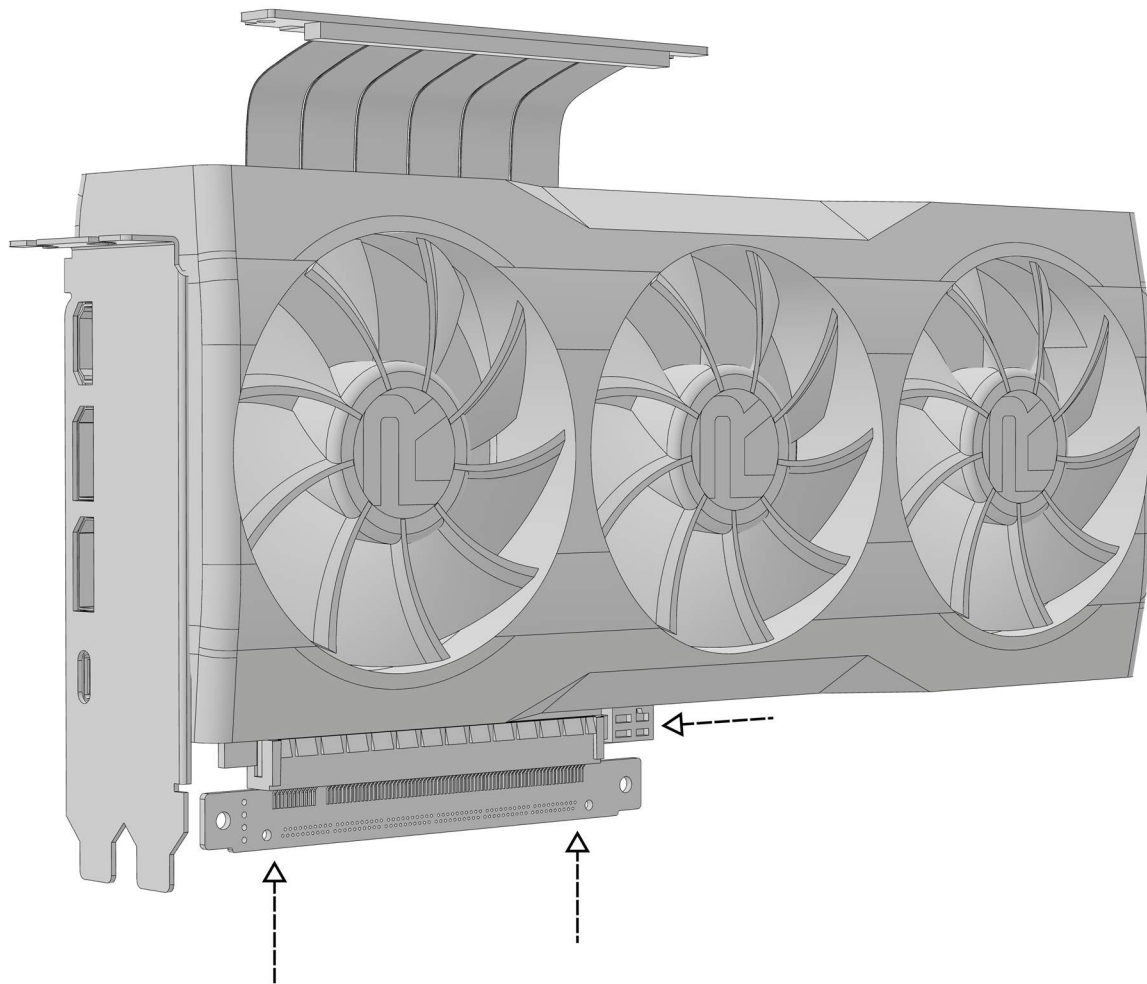
11. Installing a GPU – preparing standoffs (part 2)

- if installing a 2-slot GPU, use the two 20 mm standoffs to offset its position
- screw them into the already installed riser standoffs
- if your GPU is wider than 2 slots or 42 mm, please skip this step

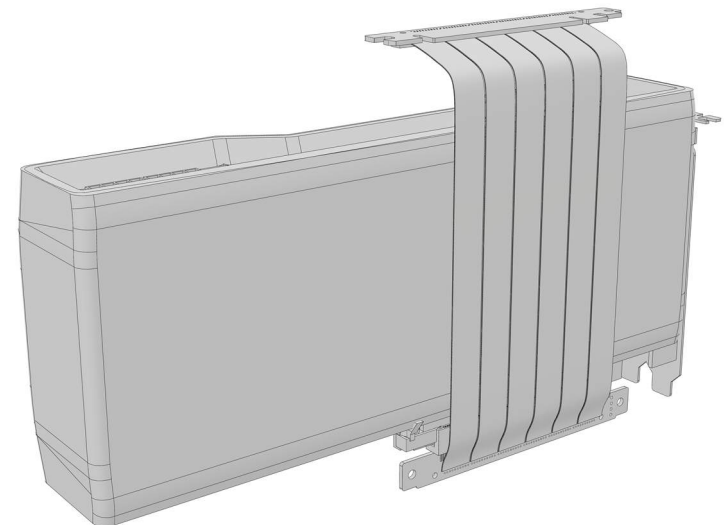




12. Installing a GPU – riser cable



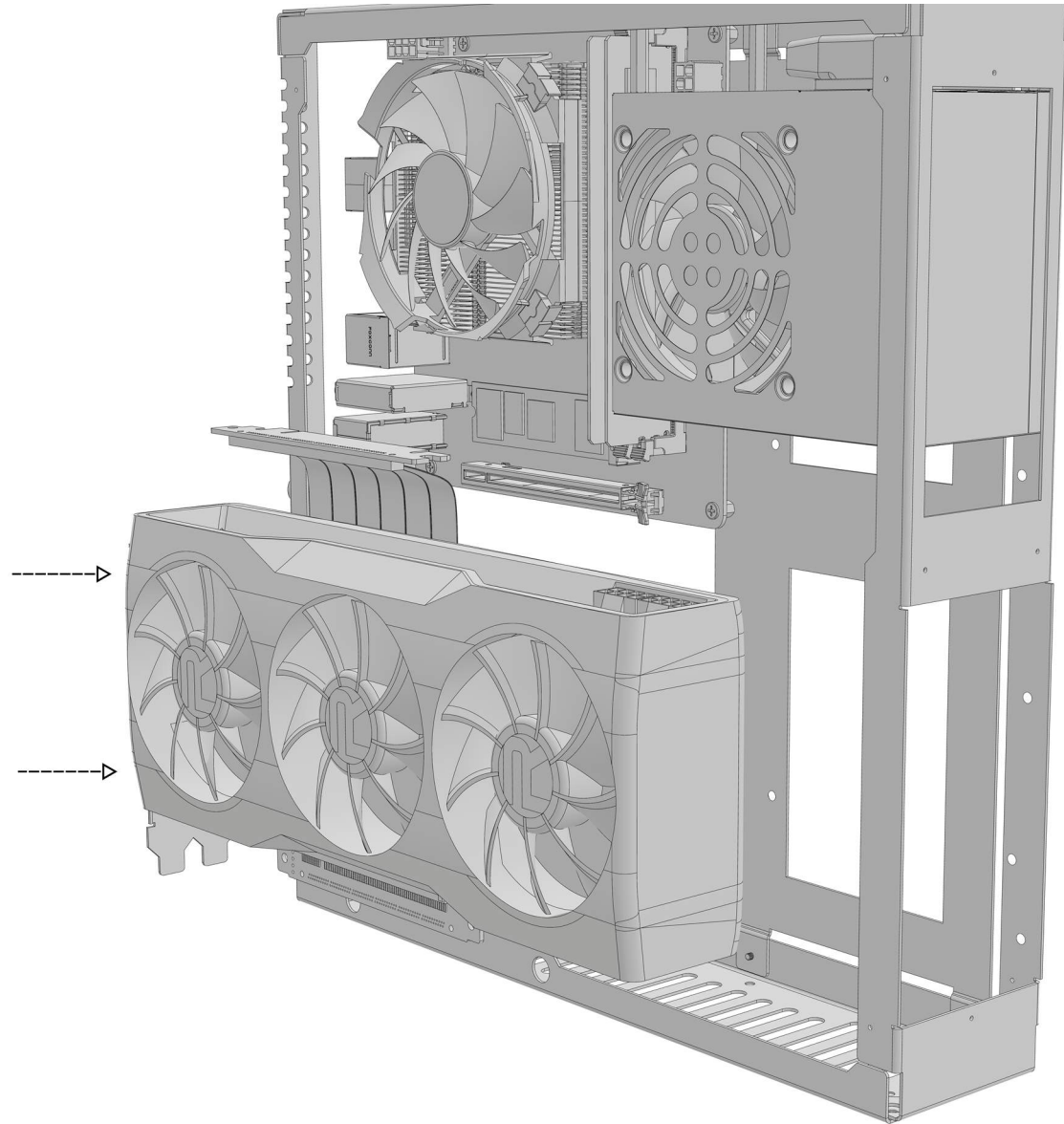
- before installing the GPU, you need to connect it to the riser cable
- connect your GPU to the provided riser cable and adjust the cable so it looks like shown in the following pictures
- put the riser clip into the locked position





13. Installing a GPU – GPU (part 1)

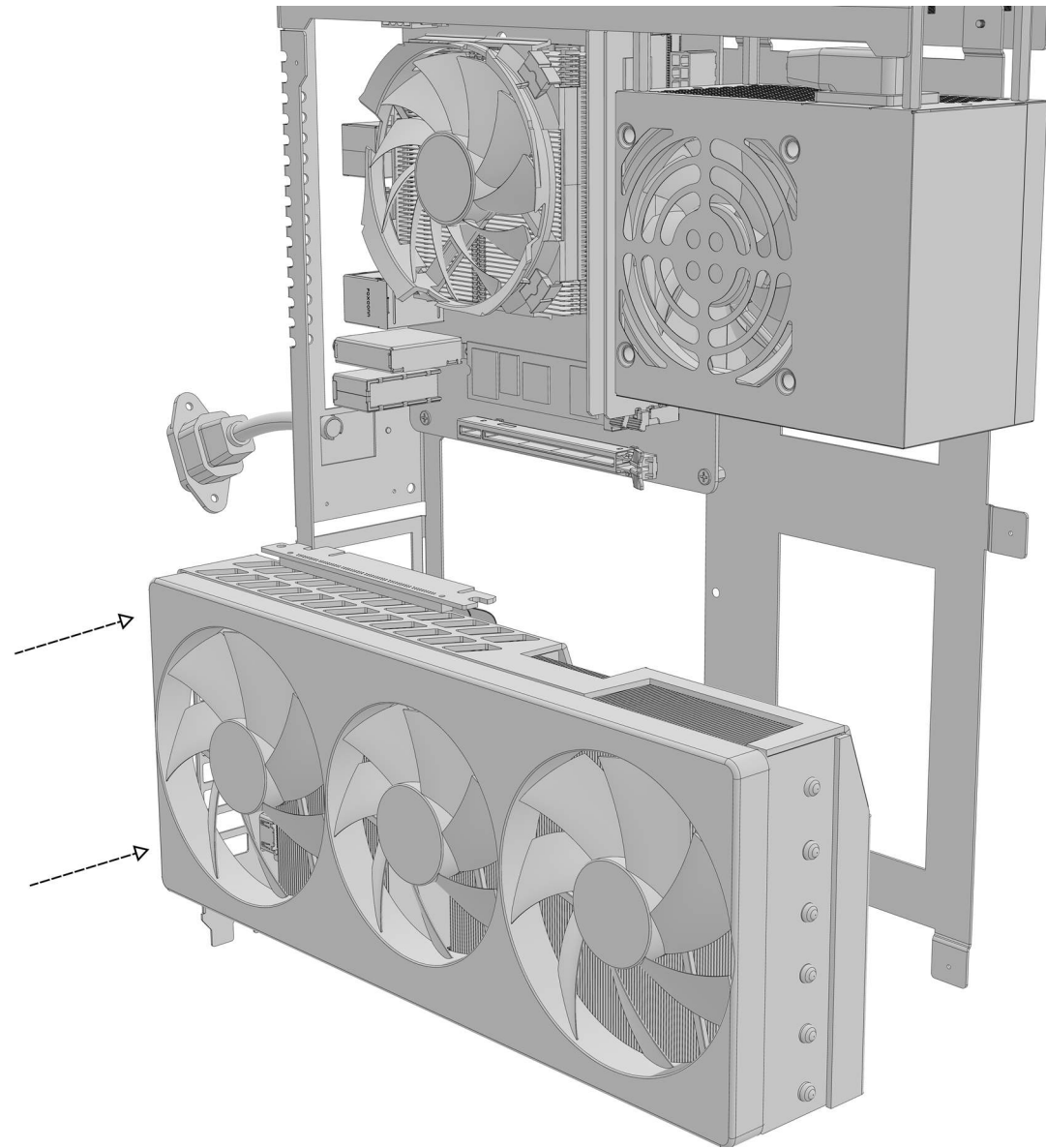
- carefully insert the GPU plus riser cable assembly into the case
- make sure that the GPU's PCI bracket fits into its corresponding cutouts
- plug the riser cable into the motherboard





14. Installing a GPU – GPU (part 2)

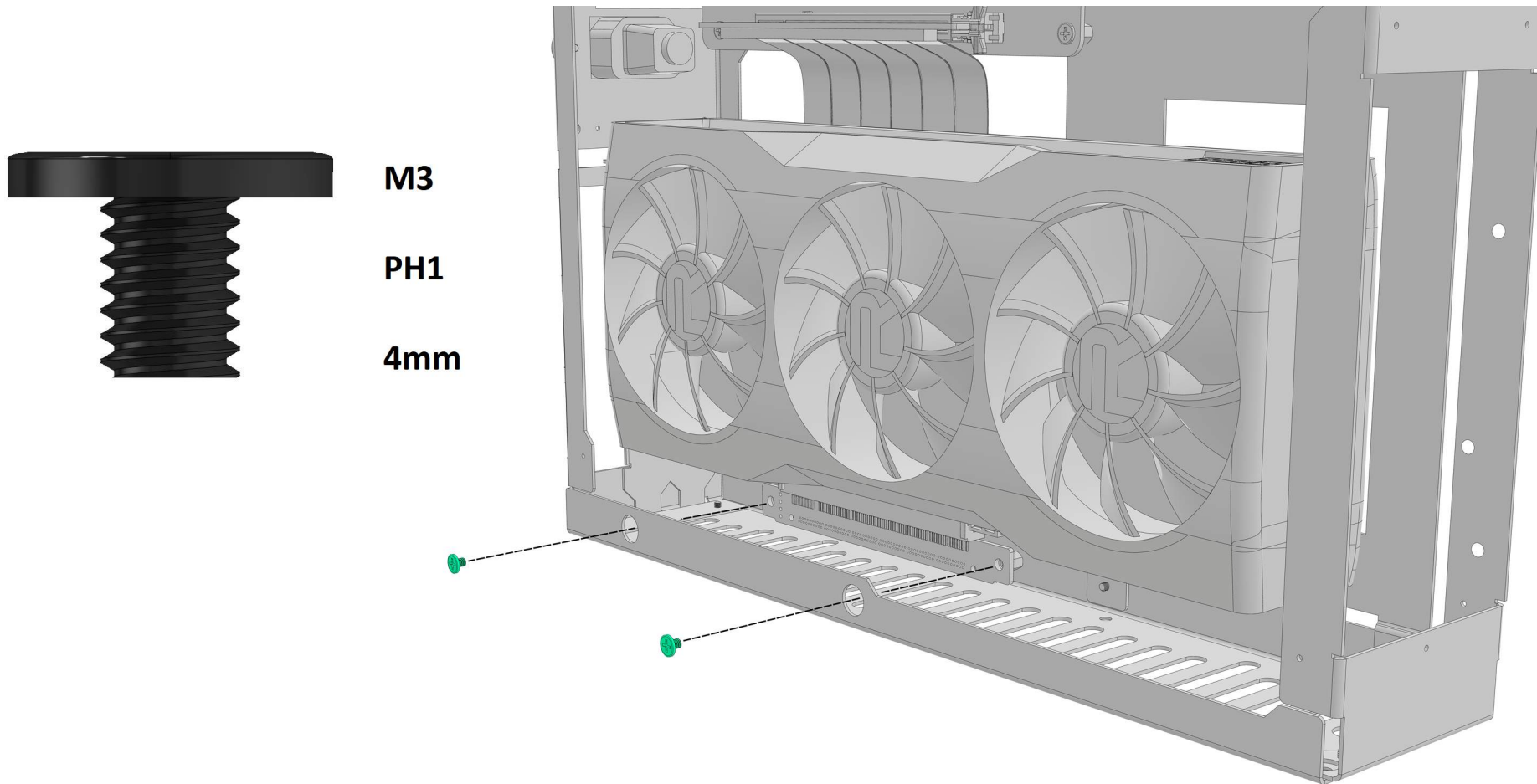
- if you are installing a large triple slot GPU you can install it before installing the front and bottom panels
- don't forget to install the riser cable standoffs before installing the bottom panel





15. Installing a GPU – riser cable bolts

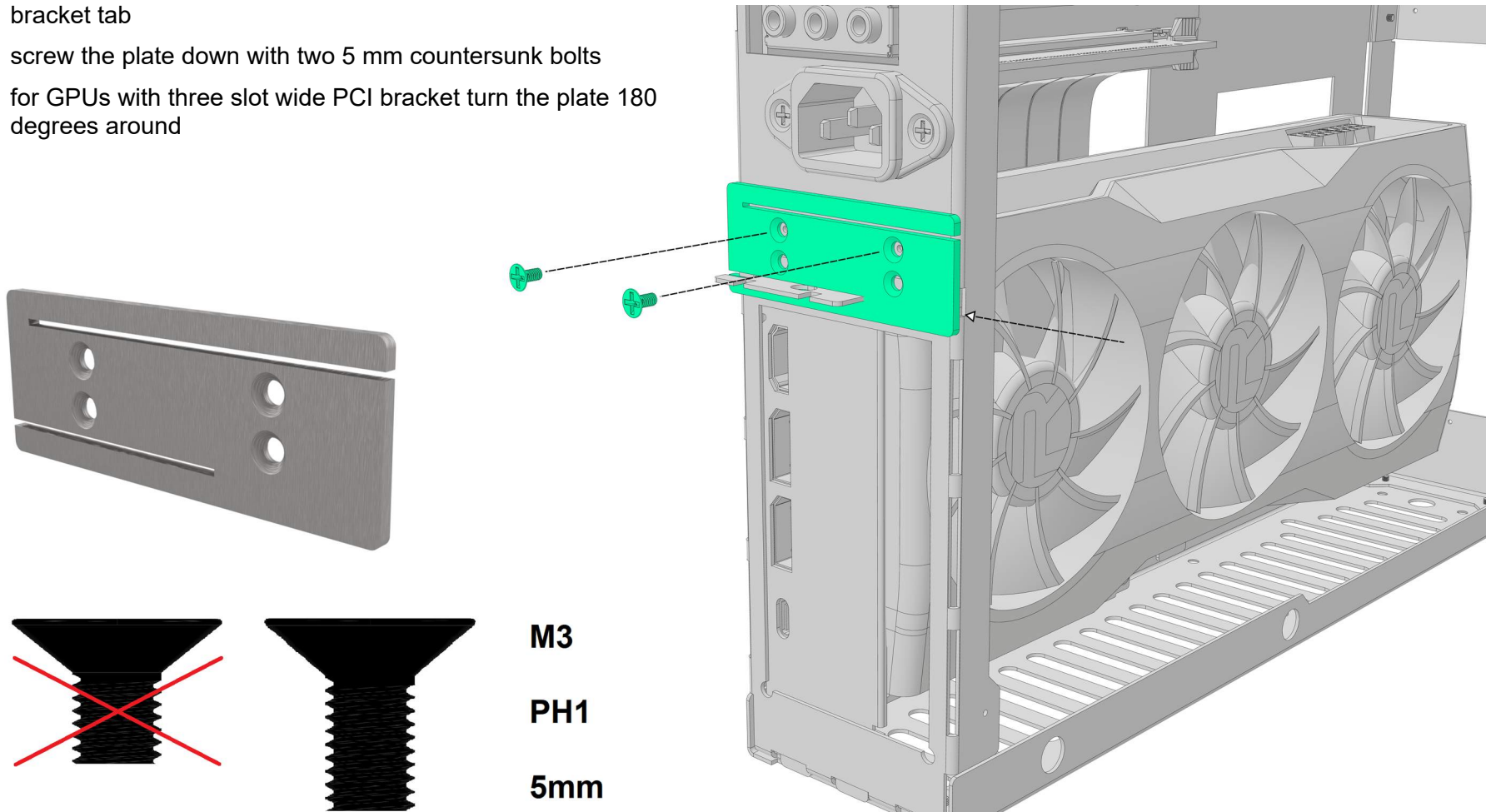
- screw the riser cable down with two pan head bolts
- you can use holes in the bottom panel for screwdrivers access





16. Installing a GPU – PCI cover plate

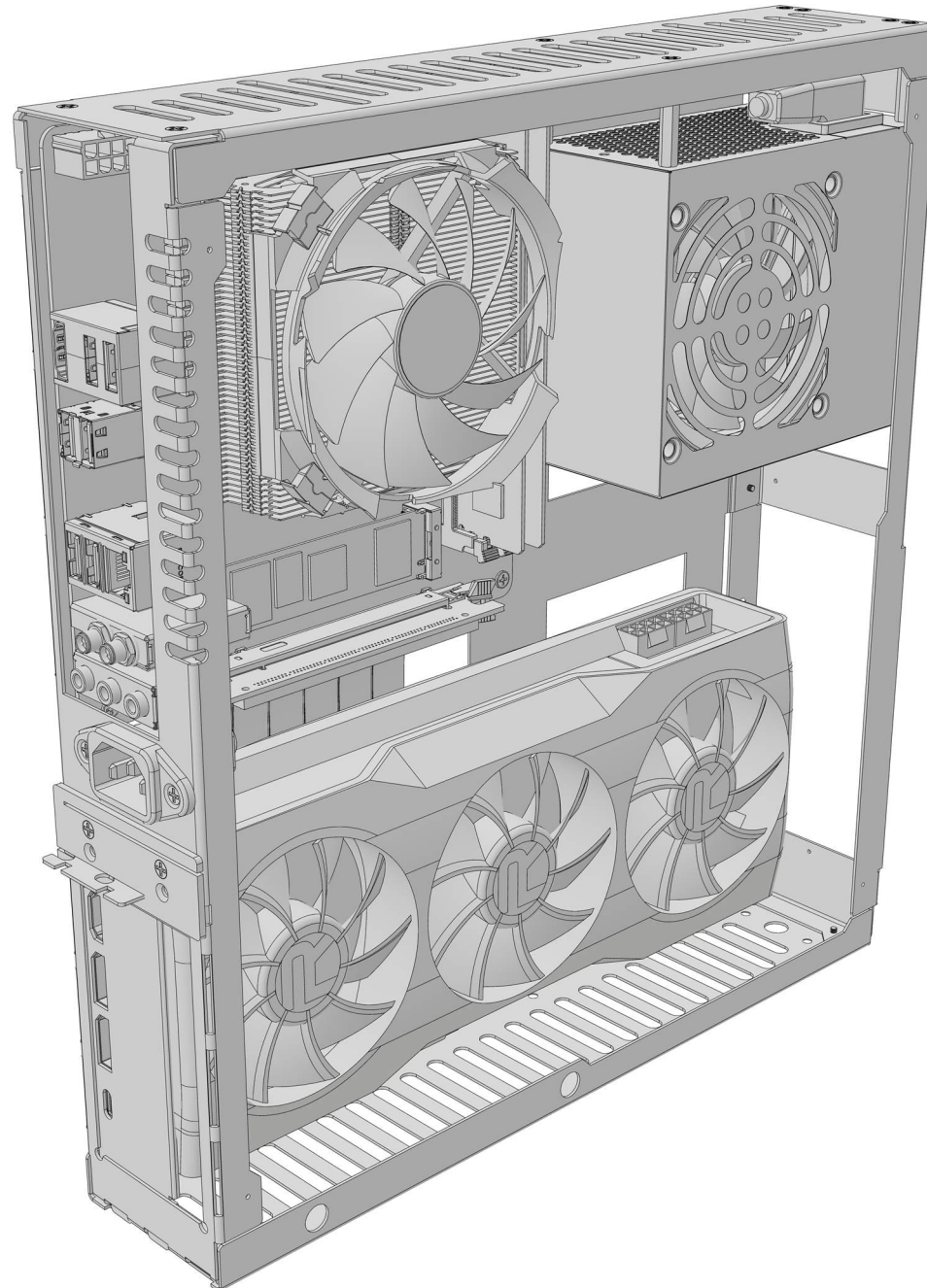
- slide the provided PCI cover plate onto the GPU's PCI bracket tab
- screw the plate down with two 5 mm countersunk bolts
- for GPUs with three slot wide PCI bracket turn the plate 180 degrees around





17. Parts installed

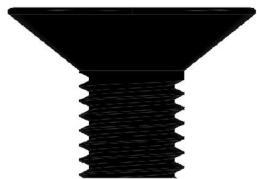
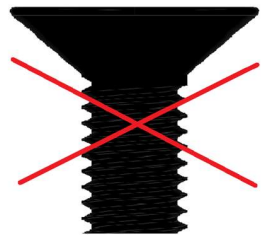
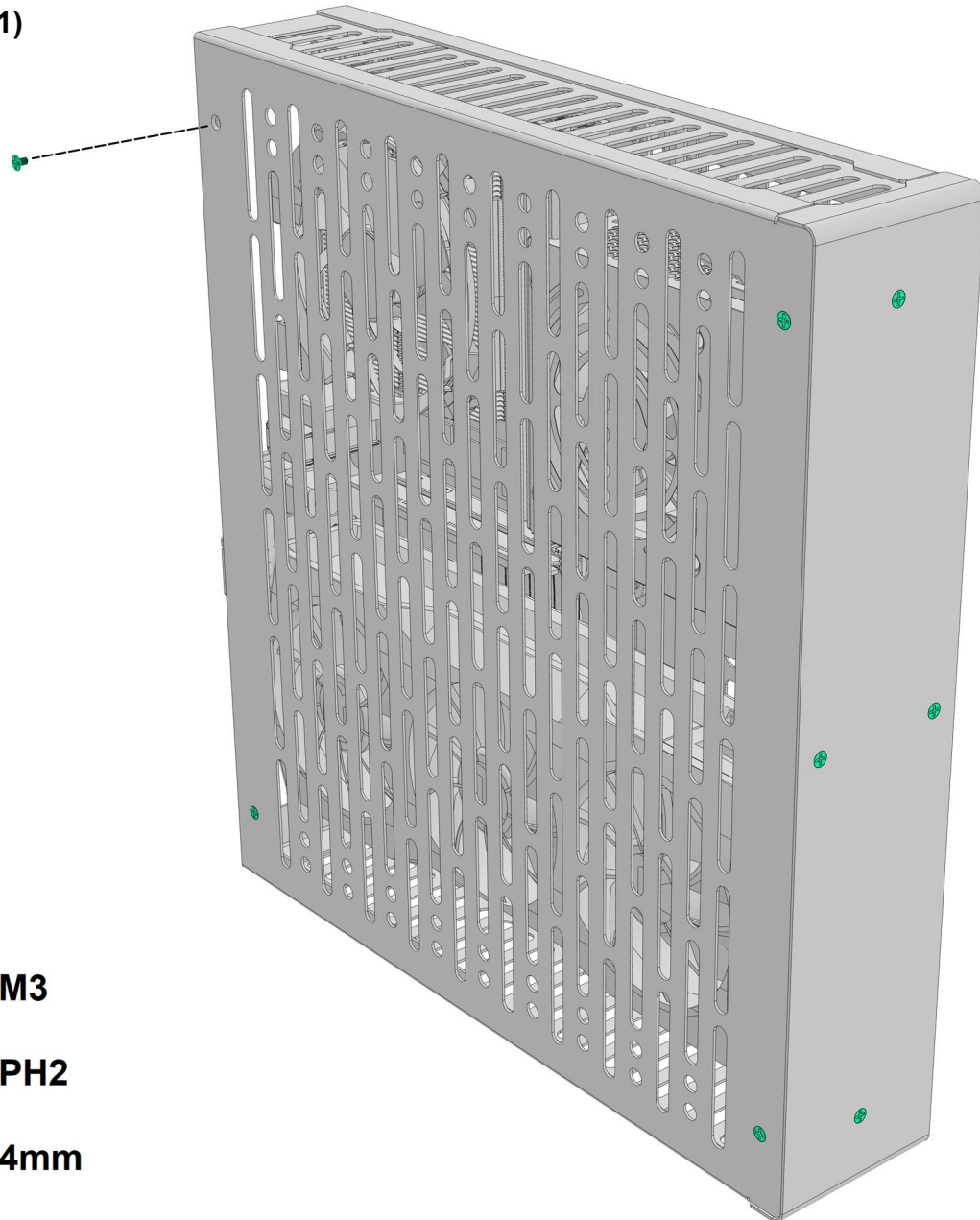
- after installing all the main components, you can attach other cables, such as PSU cables
- you can now proceed to install side panels, mask and the stand
- installation of hard drives and water-cooling radiators is covered in the later part of the manual





18. Installing side panels and the mask (part 1)

- secure side panels with four 4 mm countersunk bolts for each panel
- secure the mask with four 4 mm countersunk bolts
- if installing a GPU longer than 306 mm, use the provided 20 mm standoffs to offset the mask (please see step 19.)



M3

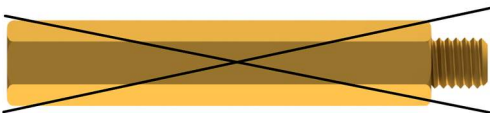
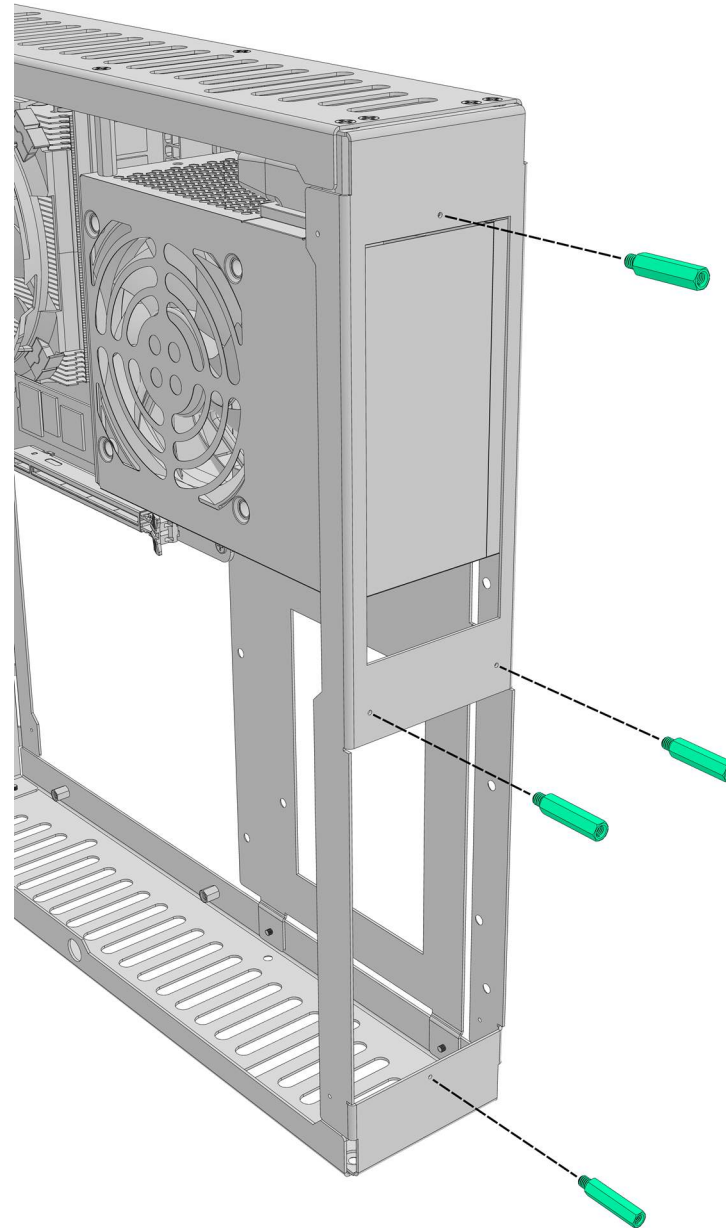
PH2

4mm



19. Installing side panels and the mask (part 2)

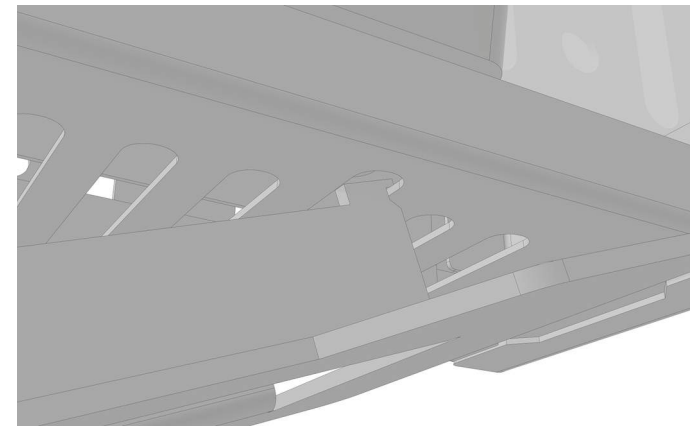
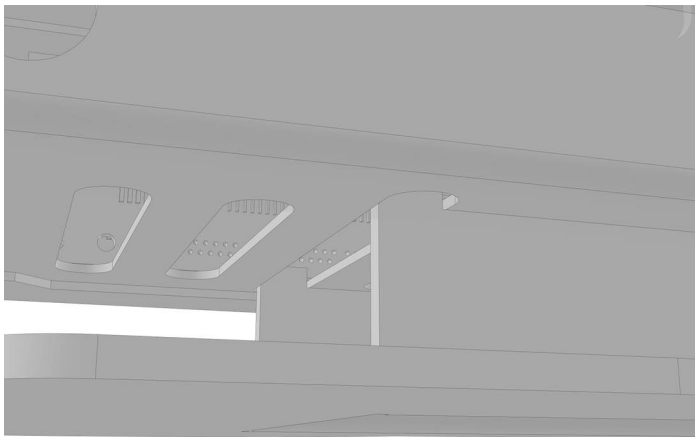
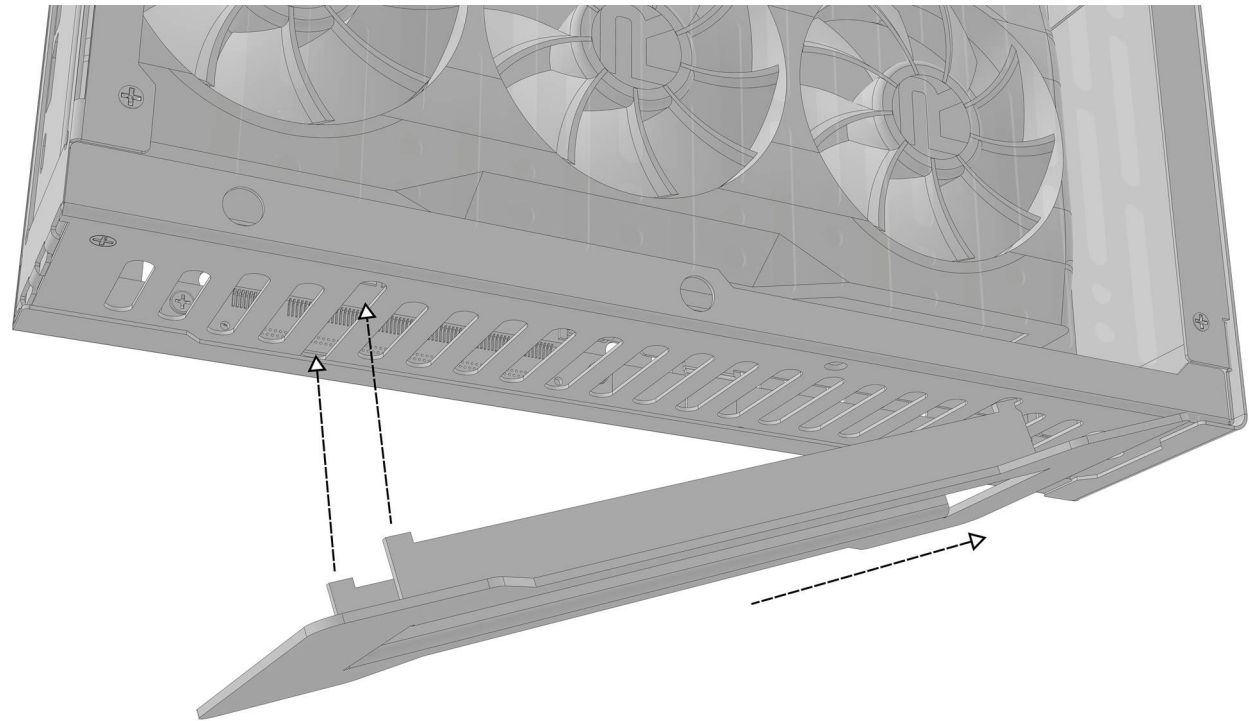
- if you are installing a GPU that is longer than 306 mm, you can offset the mask with provided 20 mm standoffs
- install four 20 mm standoffs like shown in the picture
- proceed to install the mask with four 4mm countersunk bolts





20. Installing the stand

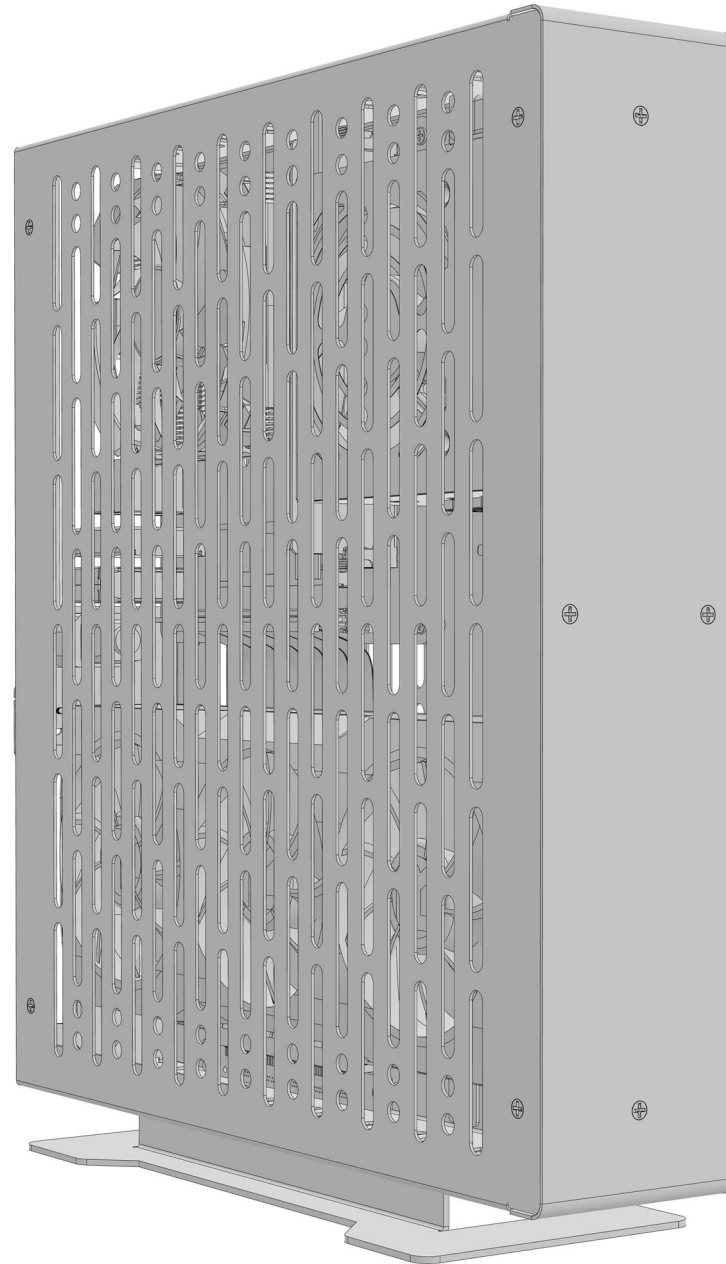
- tilt the stand so its front notches can slip into the front elongated cutout in the chassis
- push the stand up so its rear tabs can slide into the other elongated cutout in the chassis. This interface is friction fit
- please refer to the zoomed in images below for more detailed view
- you can also install the stand into the top panel for the inverted case option





21. Build complete

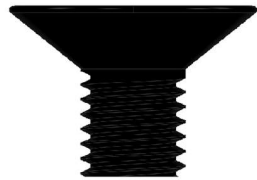
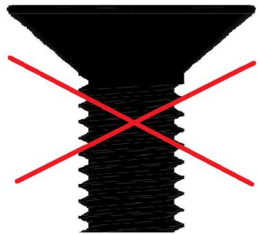
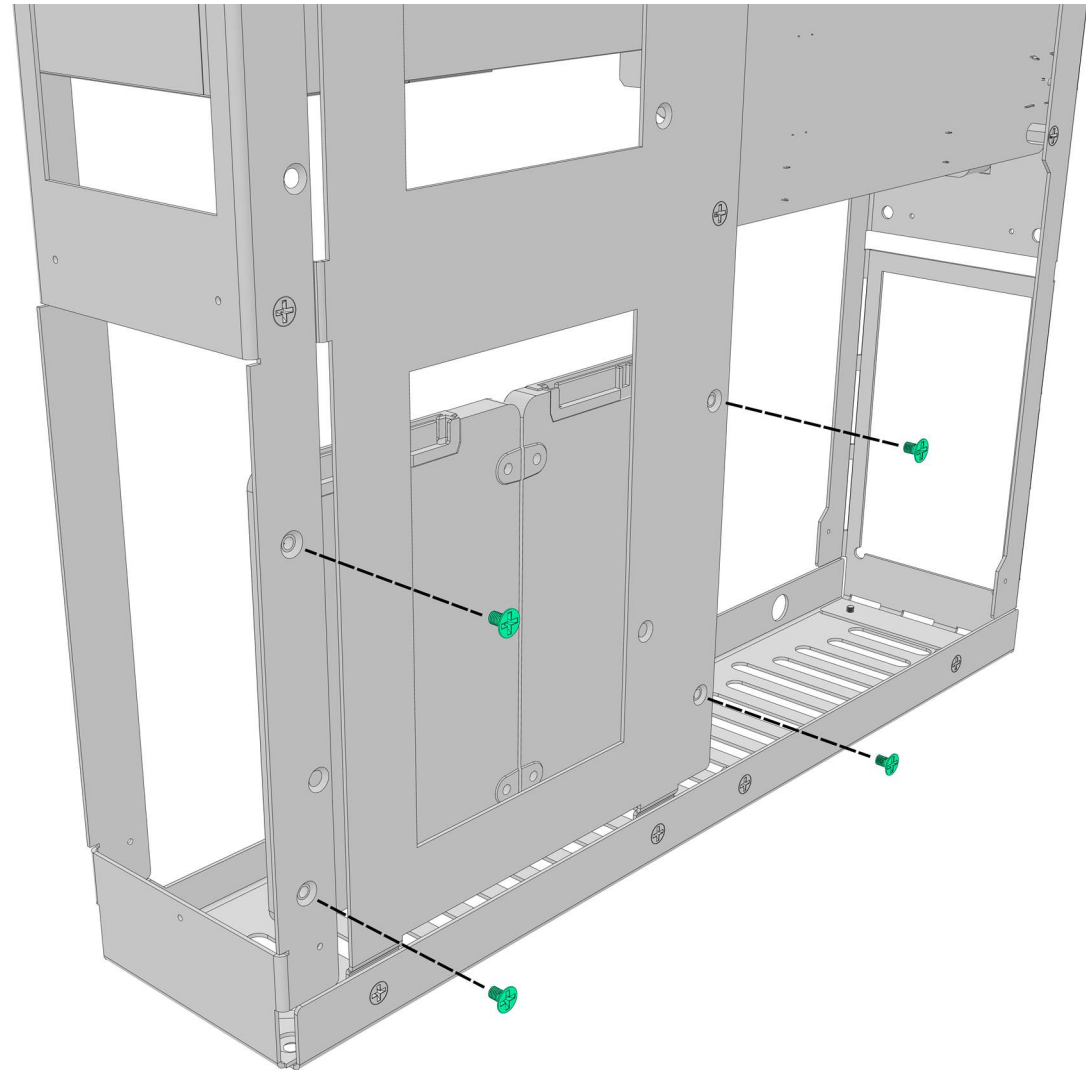
- congratulations on completing your build in the U-ITX case!
- if you have any questions, comments or want to send us your feedback, please write to us at info@sfftime.com
- be sure to check out our website sfftime.com to see the updates and new case designs
- you can find instructions for mounting hard drives and water-cooling radiators in the later part of the manual
- 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





22. Installing hard drives (part 1)

- depending on the rest of your hardware and number of 2.5" drives you want to install, you have two options for mounting them
- first option is to mount one or two drives on the motherboard tray
- this option allows using two 2.5" mounting positions but it will only work with 2 slot GPUs
- place the drives as shown in the picture and screw them down with two 4 mm countersunk bolts for each drive



M3

PH2

4mm



23. Installing hard drives (part 2)

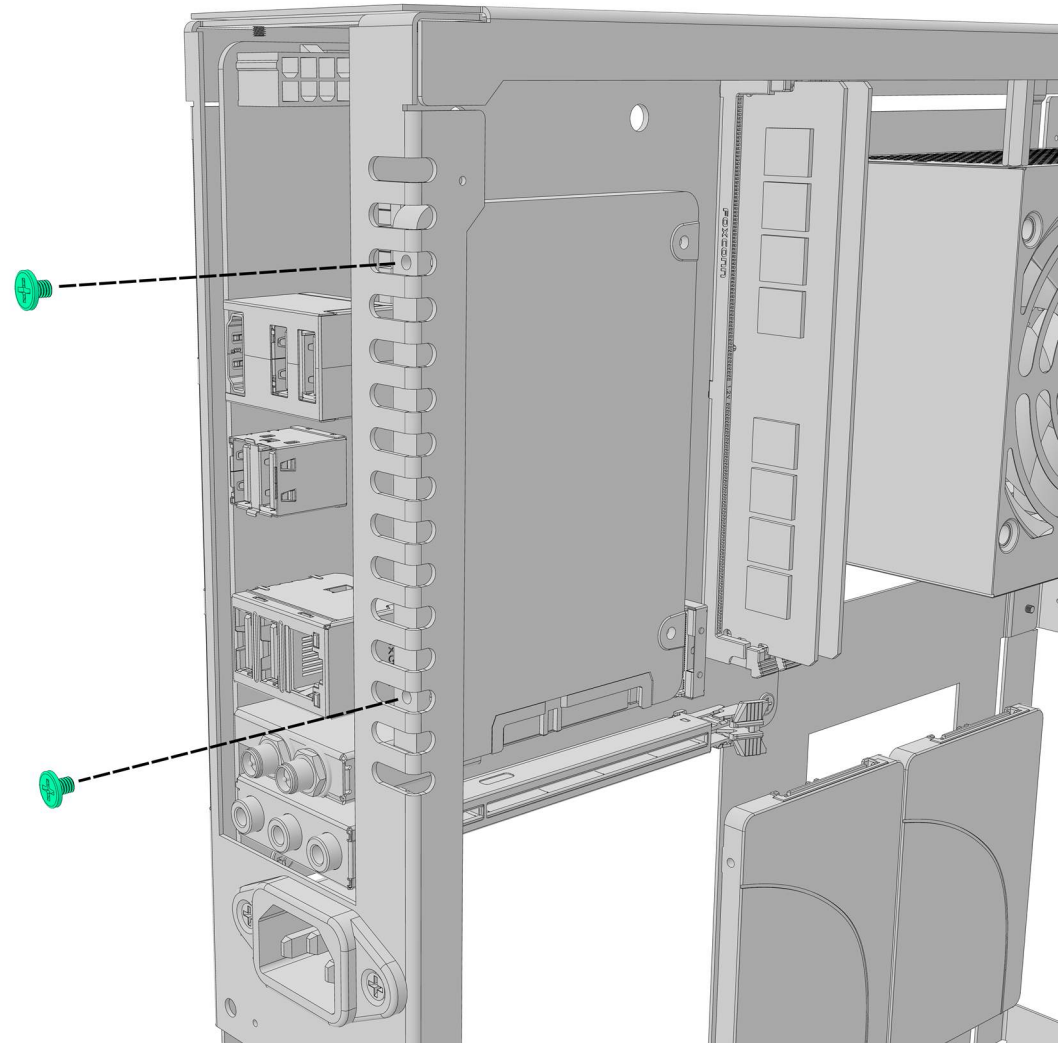
- second option is to mount one drive to the rear panel
- this option allows using one 2.5" drive but it will reduce the maximum CPU cooler height by around 8 mm
- place the drive as shown in the picture and screw it down with two pan head bolts



M3

PH1

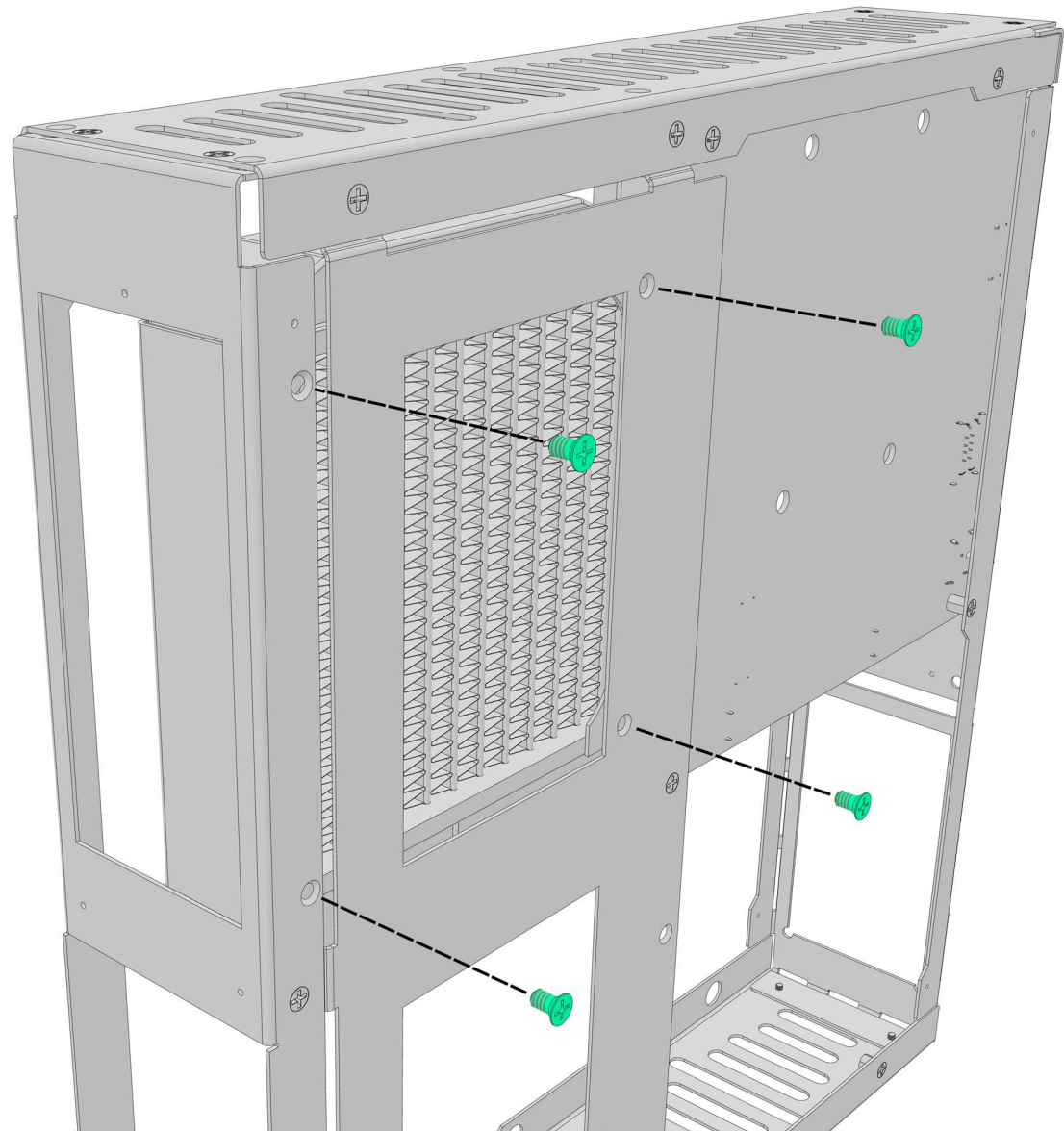
4mm





24. Installing a 120 mm water-cooling radiator

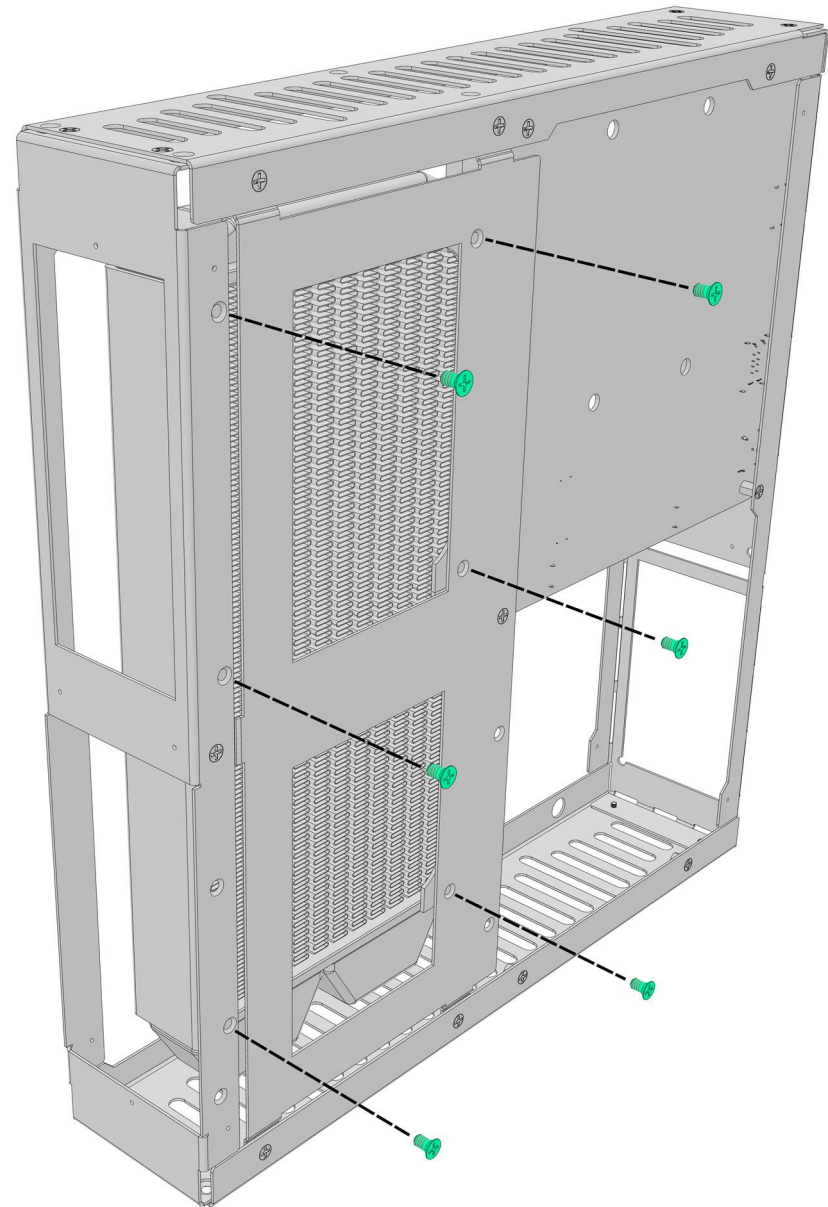
- optionally, you can install water cooling radiator in the position otherwise occupied by the power supply or the GPU
- place the radiator with its fan mounted in a position shown in the picture, and screw it to the case with four countersunk bolts
- depending on the threads on your radiator, use countersunk M3, M4 or #6-32 bolts. These are not provided with the case





25. Installing a 240 mm water-cooling radiator

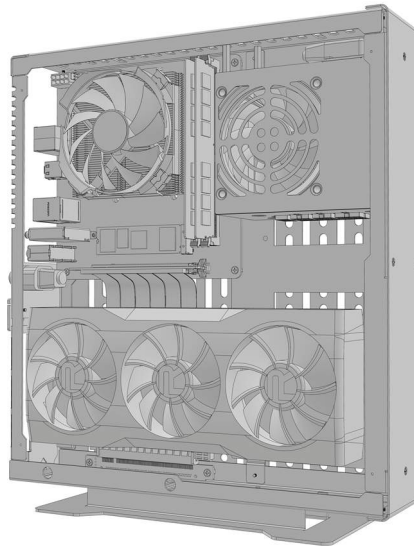
- you can also install a 240 mm radiator if you are building a configuration with no dGPU
- place the radiator with its fan mounted in a position shown in the picture, and screw it to the case with six countersunk bolts
- depending on the threads on your radiator, use countersunk M3, M4 or #6-32 bolts. These are not provided with the case



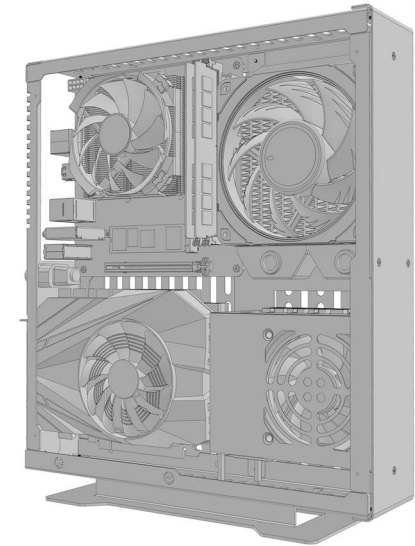


26. Alternative configurations - this page shows additional ways you can use this case

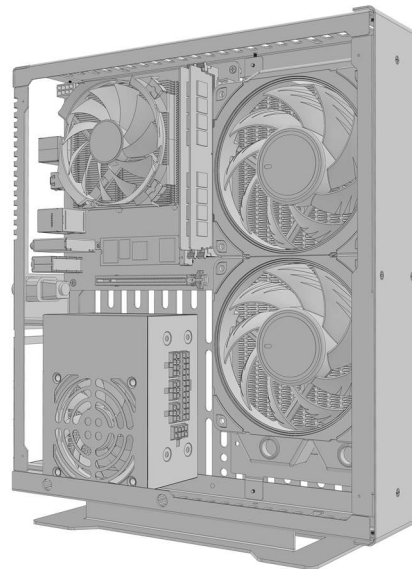
1. Standard configuration with a large air cooled GPU and CPU



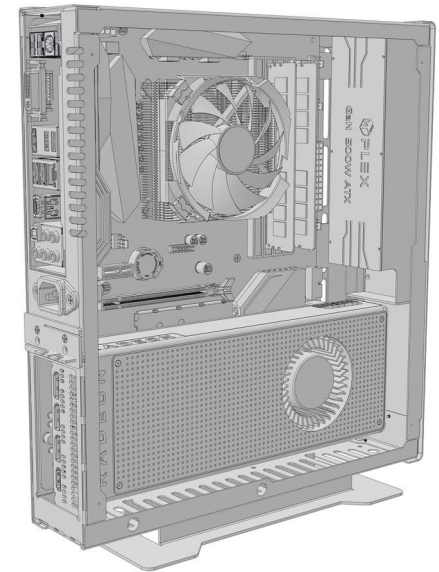
2. Mini ITX configuration with a small ITX size GPU and water cooled CPU using a 120mm AIO cooler



3. iGPU configuration without a discrete GPU and with a water cooled CPU using a 240mm AIO cooler



4. ATX configuration with an ATX motherboard, 2 slot GPU and a small GAN 500W AC/DC Power supply



- please note that these alternative configurations are not officially supported

