

NZXT

Adventurer's Map for PC Building

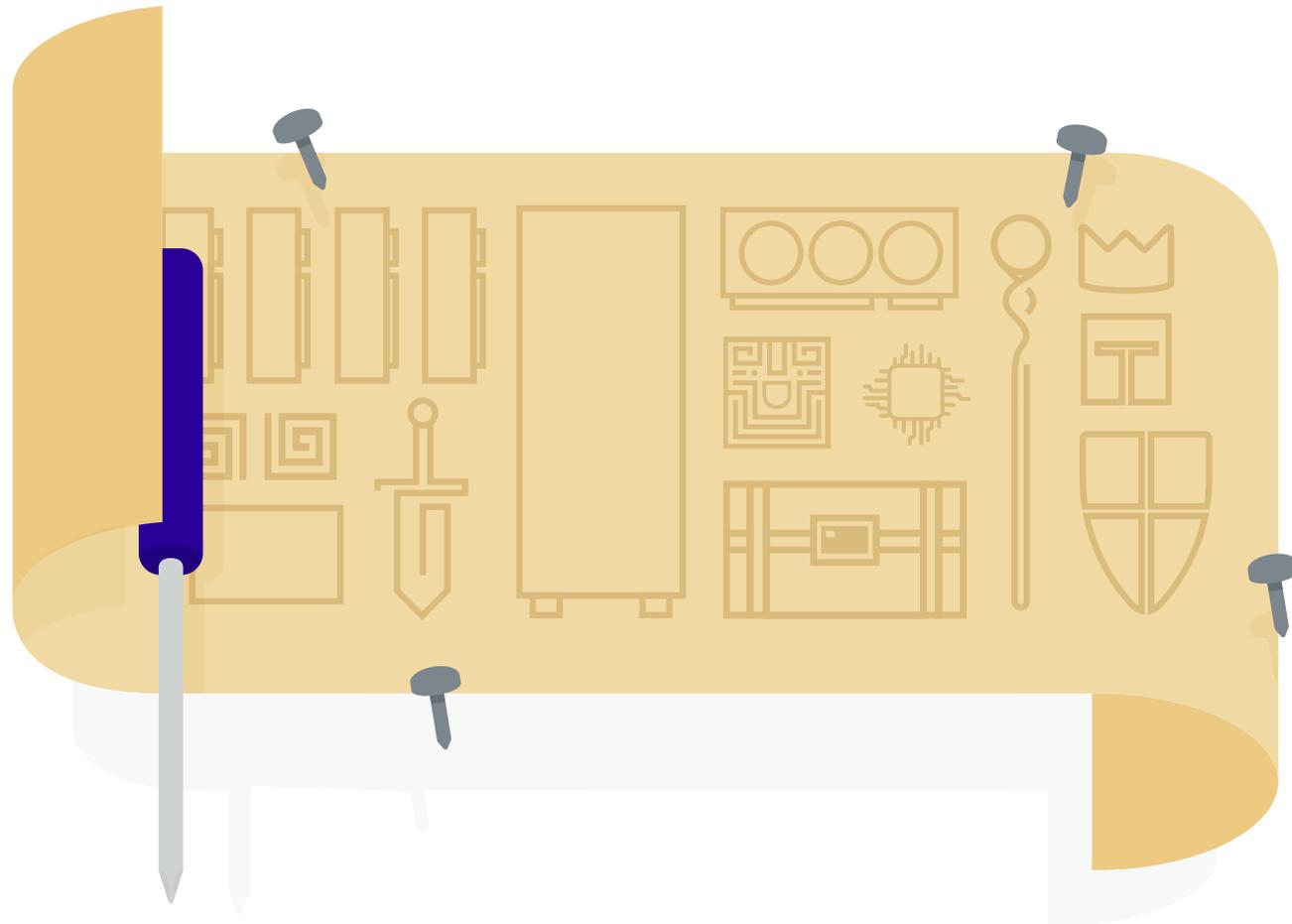


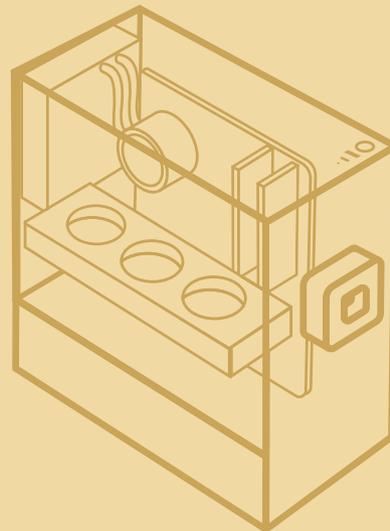
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The Quest

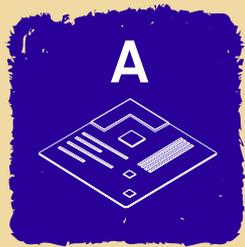
Building Your Own PC



A new challenge has appeared! You've discovered the ancient ruins of a lost civilization. Inside these ruins, you've unearthed functioning PC parts. Your mission — should you choose to accept it — is to travel through, collecting these essential parts and assembling them into a working gaming PC! This guide will help you on your quest.

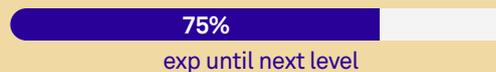
Need Help?

Throughout this guide will be reminders and tips referring you back to the resources you have available.



Part Identifiers

Title pages will have stamps that correlate to stickers on the boxes of the PC parts necessary for that step.



Progress Bar

Amount of progress made on each level. Once the progress bar is at 100%, you're ready to move onto the next stage.

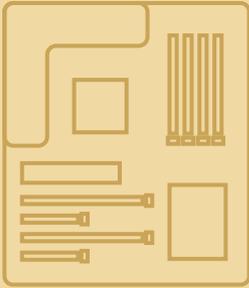
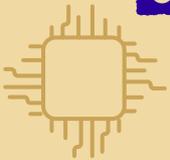


Necessary Tools

Title pages will have icons like the one above indicating what tools you need for the step that you're on.



Artifact Pieces

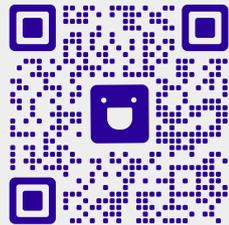
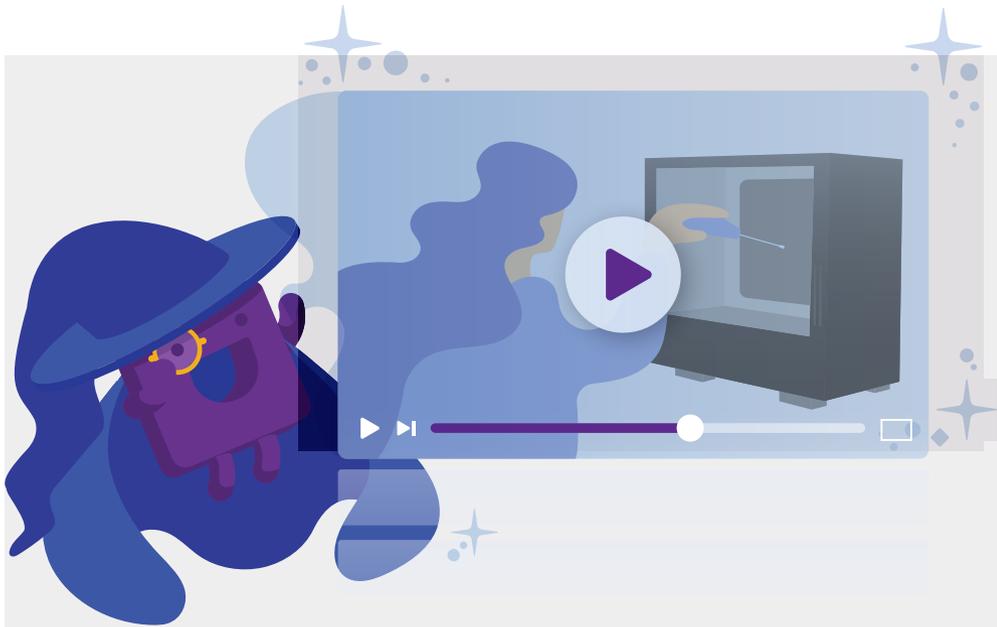
Motherboard A 	CPU C 	CPU Cooler E 	NZXT H510 G 	Power Supply Unit H 
8GB RAM Sticks B 	NVME SSD D 	F 	Wi-Fi Card I 	J 

No Wi-Fi Card?
You may have on-board Wi-Fi.



Tools

Zip Ties 	Wire Clippers 	Screwdriver Handle 	H5 Bit 	PH2 Bit 	PH0 Bit 	Flashlight 
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Our Walkthrough Video

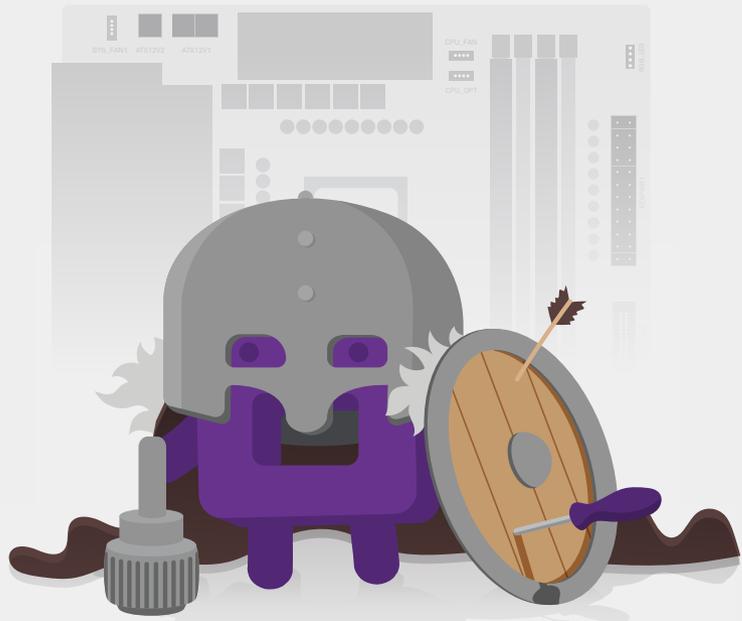
nzxt.com/bldkit/playlist

Every QR code in this booklet is linked to a video that will guide you through the step. These videos are chained together in a playlist, which can be found by scanning the QR code above with a smart phone or device camera.



Factory Manuals

Don't discount the usefulness of the manuals that came with your components! They can be helpful in a pinch and — in some sections — may help you find exactly what you're looking for. Set them aside but keep them handy.



 Support

Online Tech Chat

nzxt.com/support

NZXT offers an online tech chat that can be found under the support section of our website. Click the button that looks like the one above if you're lost at any point in the building process.



Call Center

1 (844) 791-1341

Call customer support at our toll-free number for additional help. If using a smartphone, our support team will be able to see your build remotely with Viewabo™ to help you resolve your issues.



The Journey Begins!

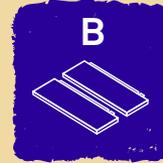
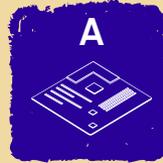
Before starting, it'd be wise to discharge any static buildup in your body so you don't risk damaging your components by touching them. To rid yourself of static, touch a metal object that is grounded (i.e. the PC case).

While surveying the depths of Machu-Pucci, you may find some debris. It's recommended to clear your workspace for building. Having a clear and organized workspace is very important to eliminate potential complications. Keep track of all the parts you set aside and what box they came from. Be gentle with your PC parts, as they are valuable.

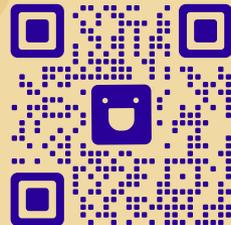
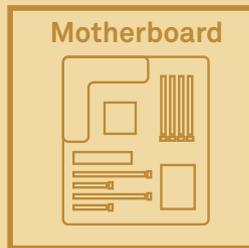
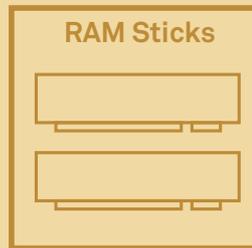


Level 1

Installing the Memory



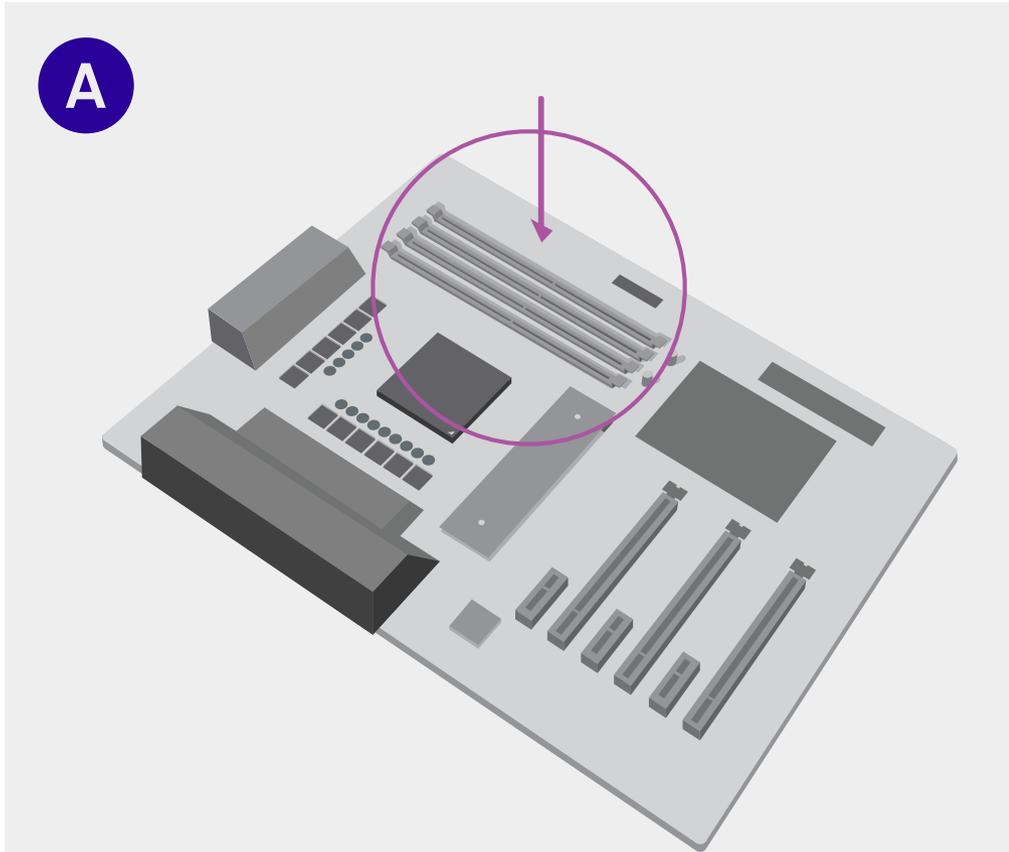
What You'll Need



Video Walkthrough

Knowing how much pressure to use to seat your parts may be difficult. Check out this step on video if you need more help!

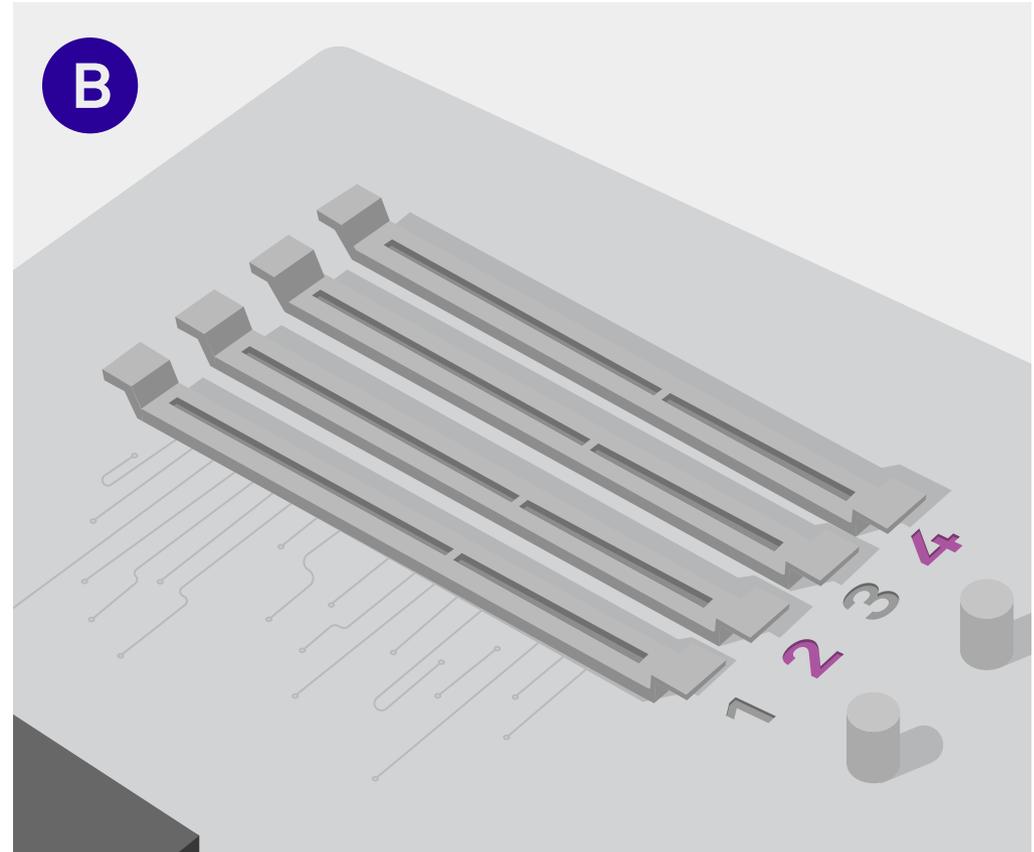




Prepare the Motherboard

The SATA cables that came with the board won't be used for this build.

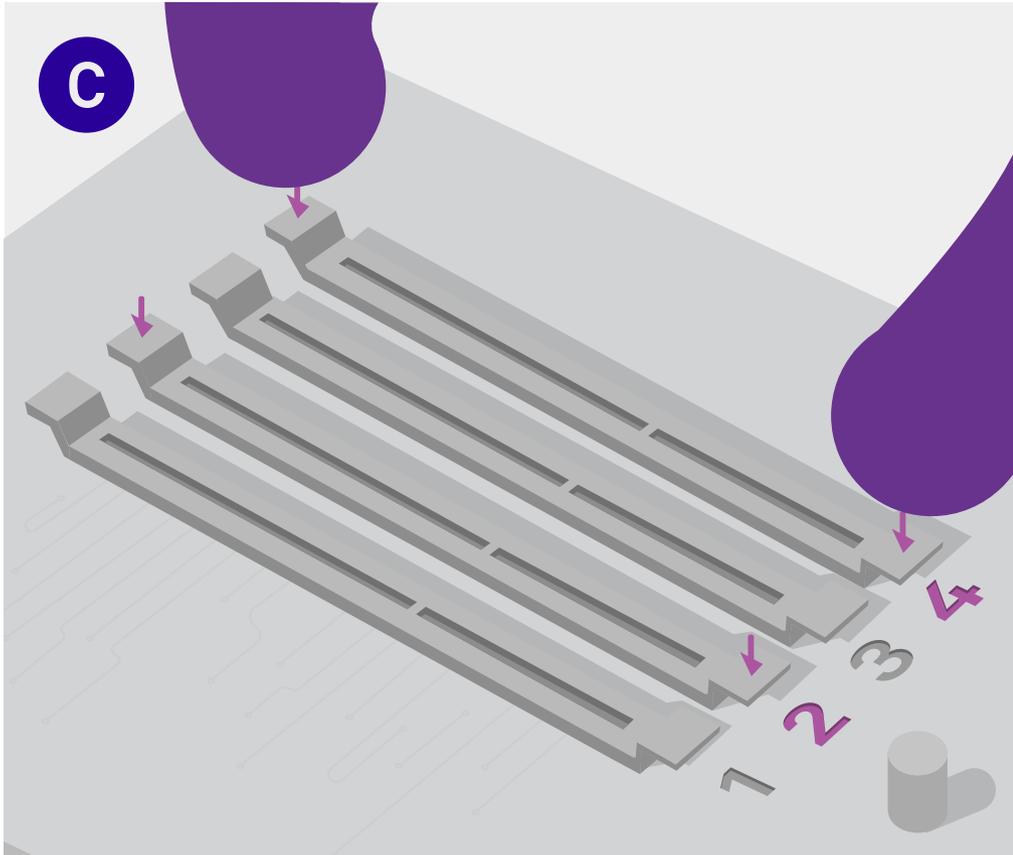
Take out your motherboard and place it gently on the box it came in. The memory channels will be located in the top right corner of the motherboard.



Locate Channels 2 & 4

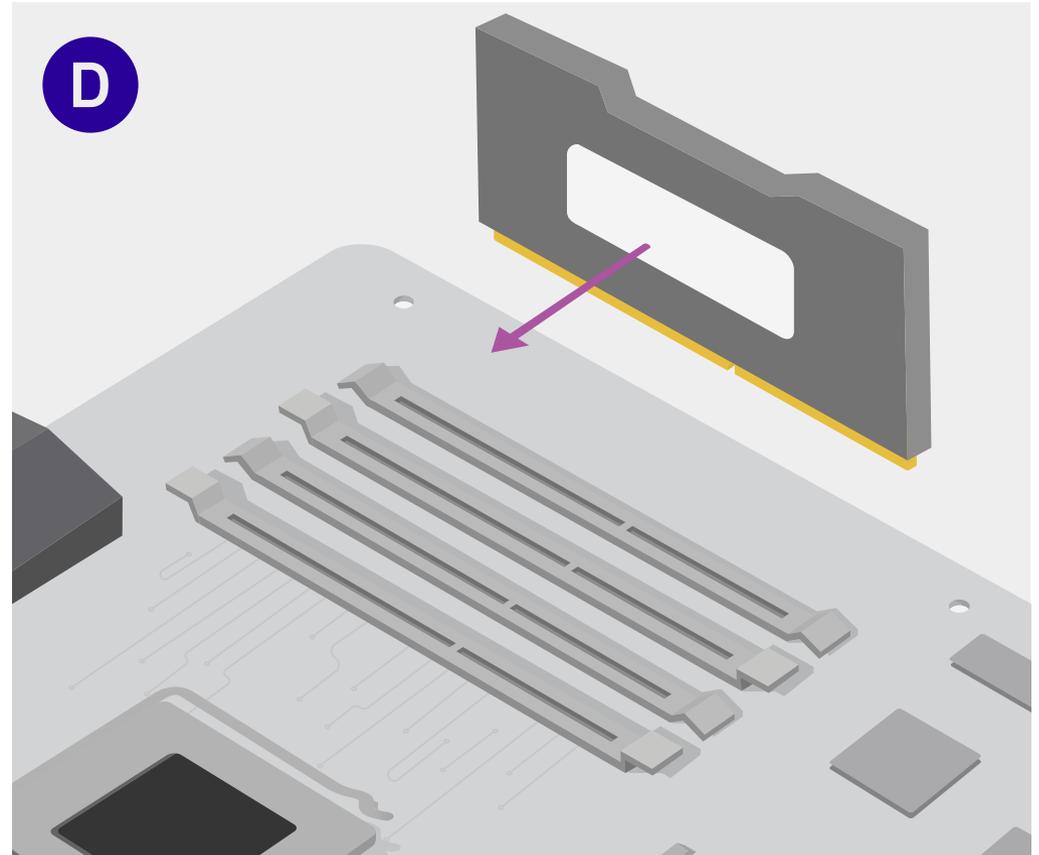
Locate RAM channels 2 and 4. These channels are paired to one another, giving you the most efficient use of your RAM. If labeled differently, check your motherboard manual for clarification.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.



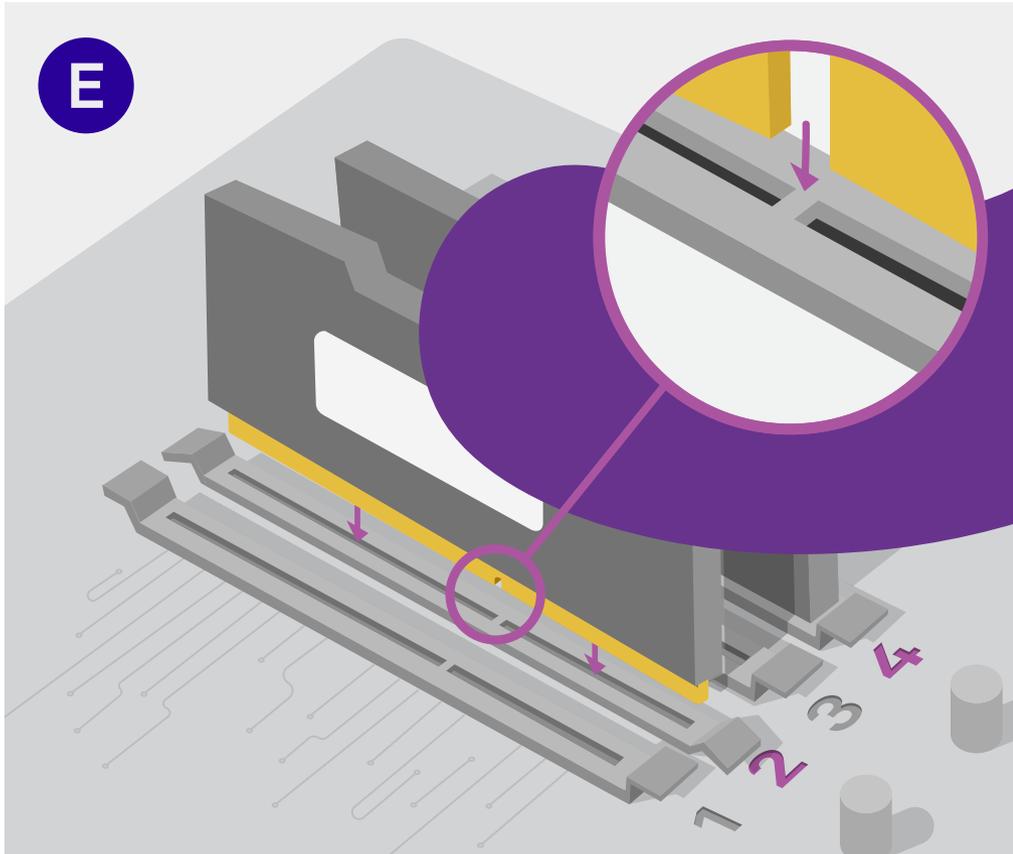
Unhatch the Memory Slots

Press down on the lane 2 and 4 channel tabs. Your motherboard may only have tabs on one side to push down.



Orient the Memory Sticks

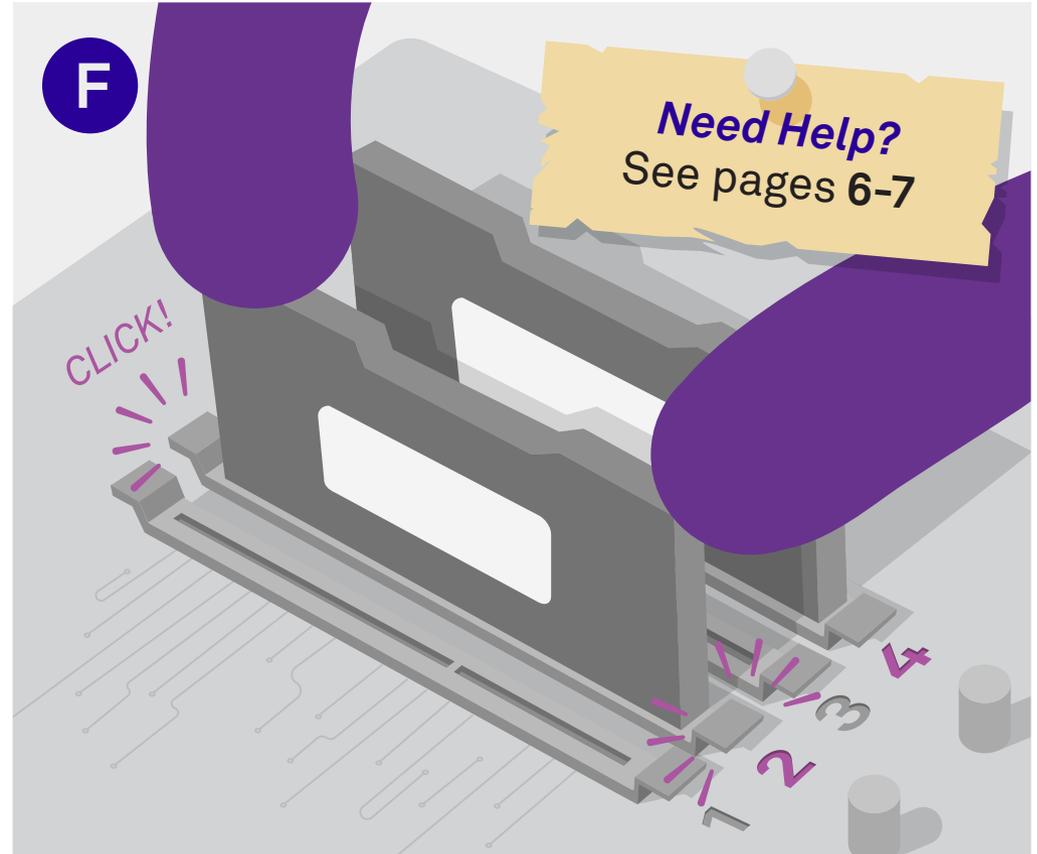
Typically if there is a white sticker on your memory sticks, this white sticker will be facing into the board, towards where the CPU socket is located.



Align the Memory Gold Connectors

The top of the gold RAM connectors is longer than the bottom. This makes it so that there is only one correct orientation. **Make sure the RAM matches the openings on the motherboard lanes.**

Otherwise, it will not go in.



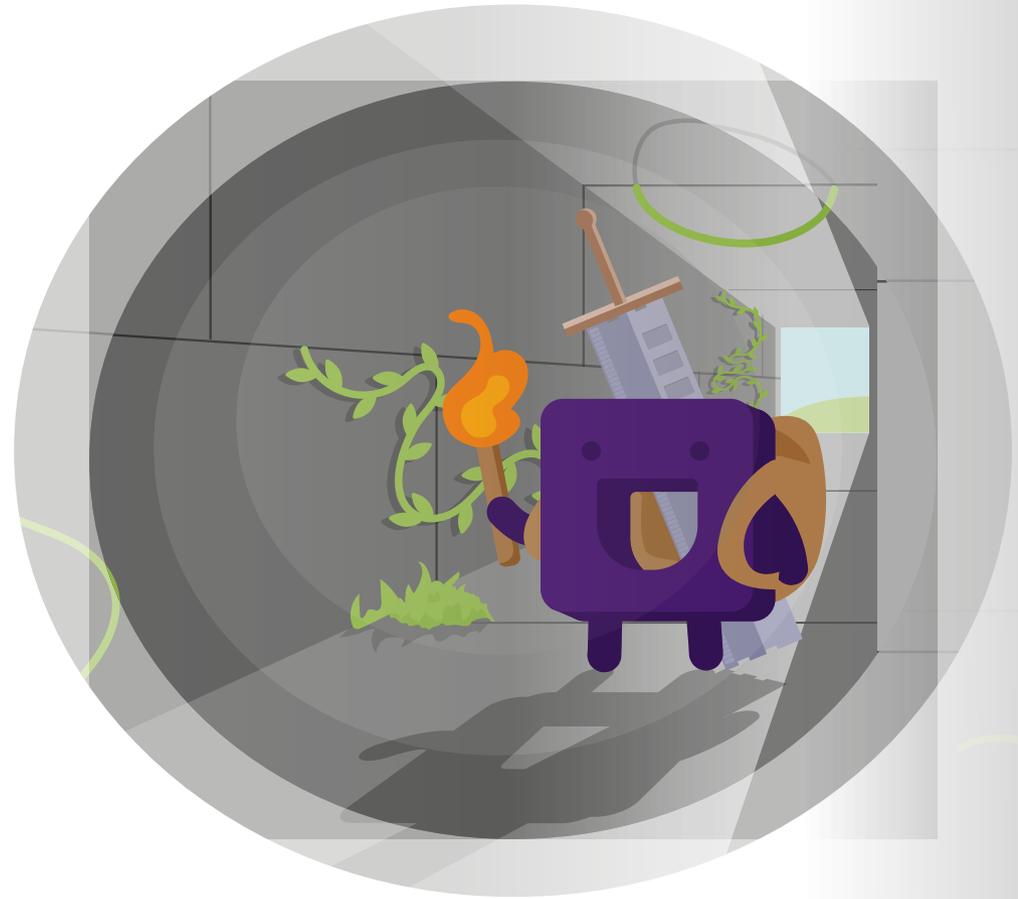
Push the RAM Firmly

Upon installation, pull the RAM twice to make sure it isn't loose.

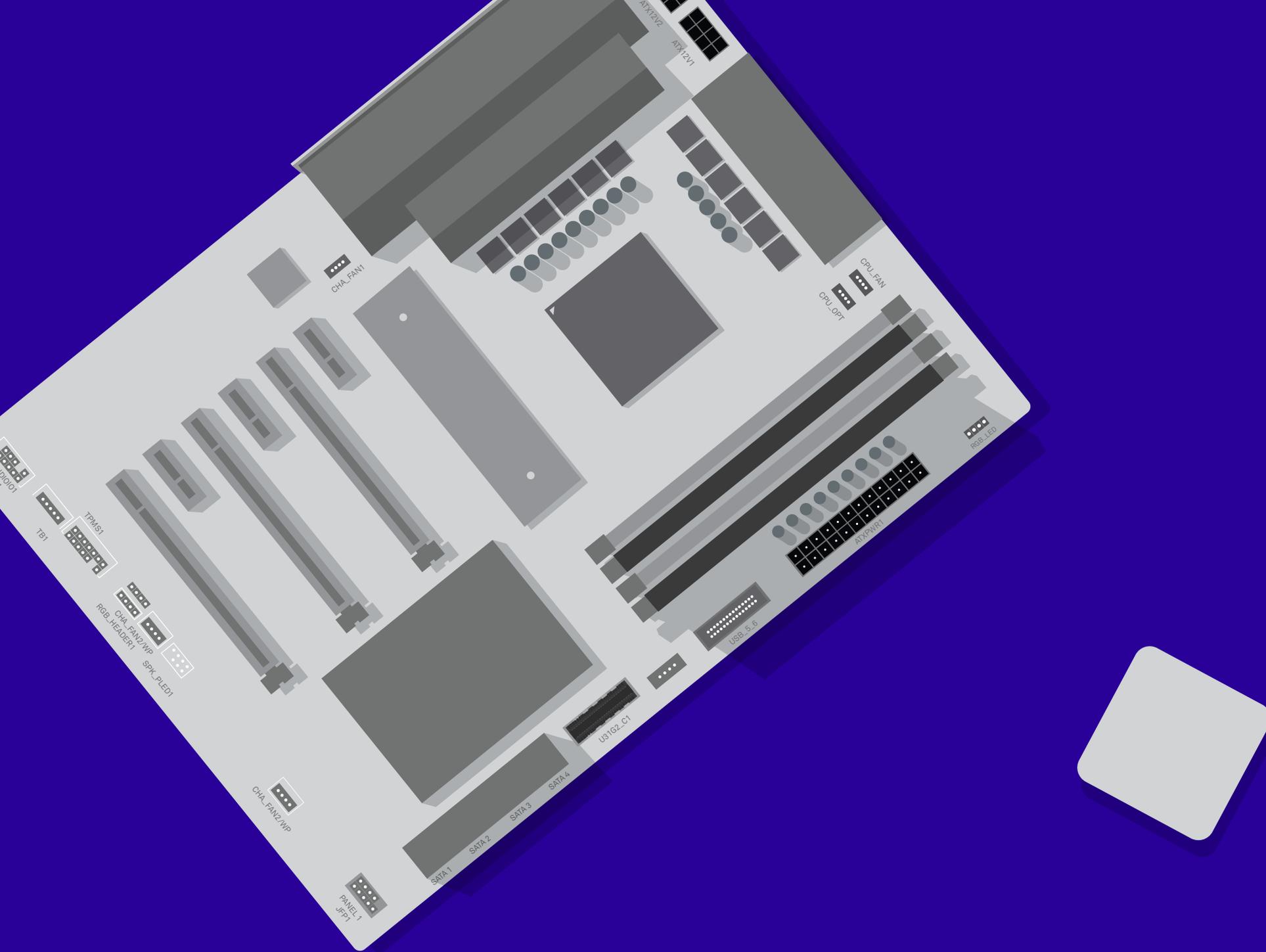
Make sure that the gold connectors are properly aligned before applying force. Press down until you hear a click. Be careful, but don't be afraid to push firmly, it may require some extra force.

The Halls Breathe with Life

Few souls have made it past this point. As we head into the halls of Machu-Pucci, hidden treasures and lost secrets lie before us. Beware of the traps and pitfalls that may delay you throughout your journey to the treasure room.

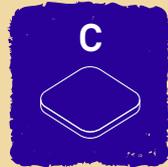






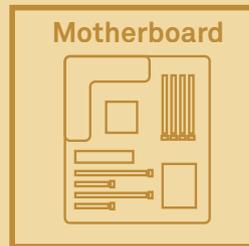
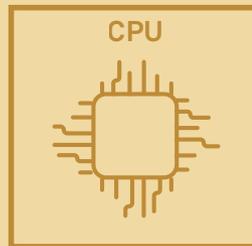
Level 2

Installing the Processor



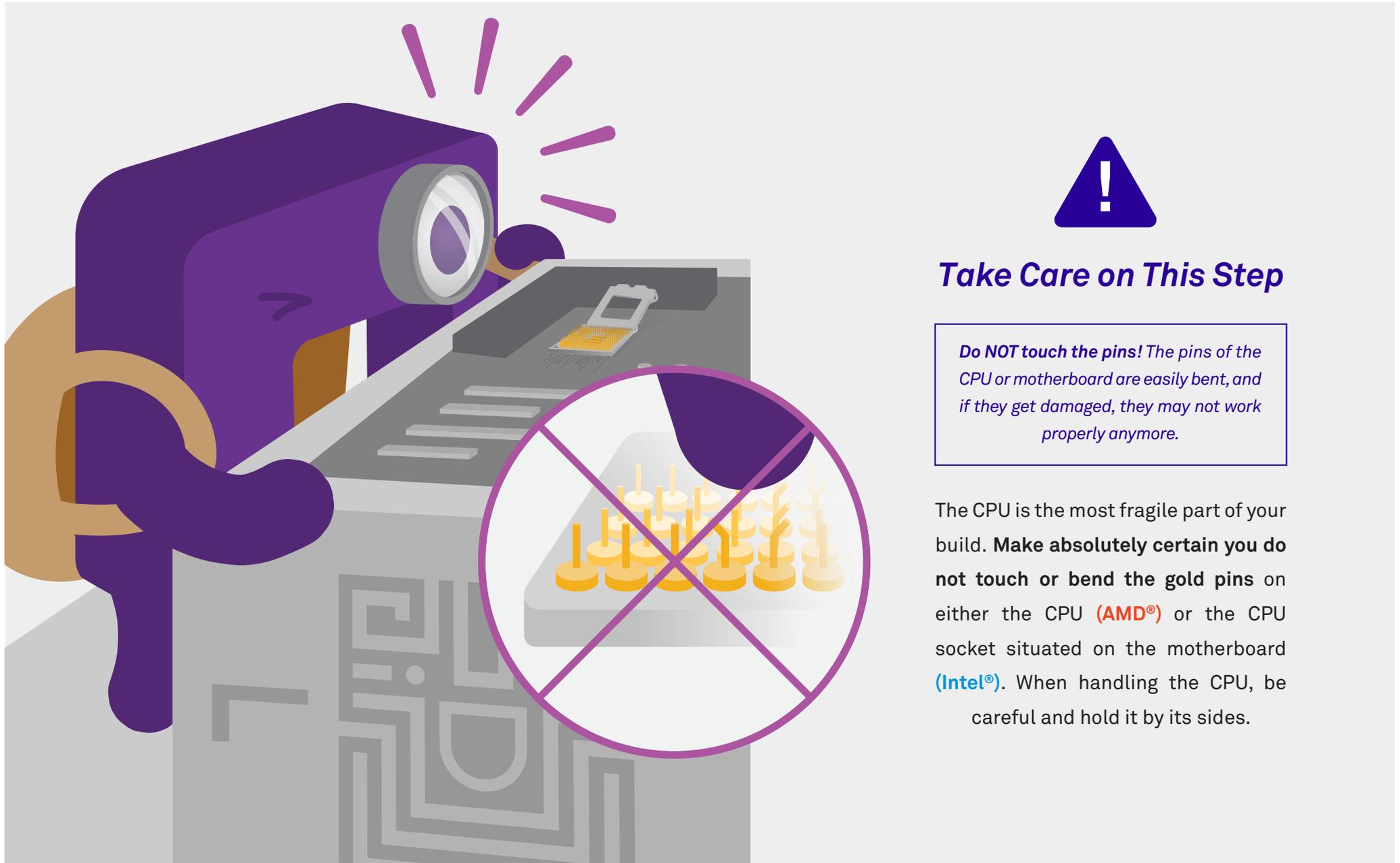
Careful on this step! The pins of the CPU or motherboard are easily bent, and if they're damaged, they may not work properly.

What You'll Need



Video Walkthrough

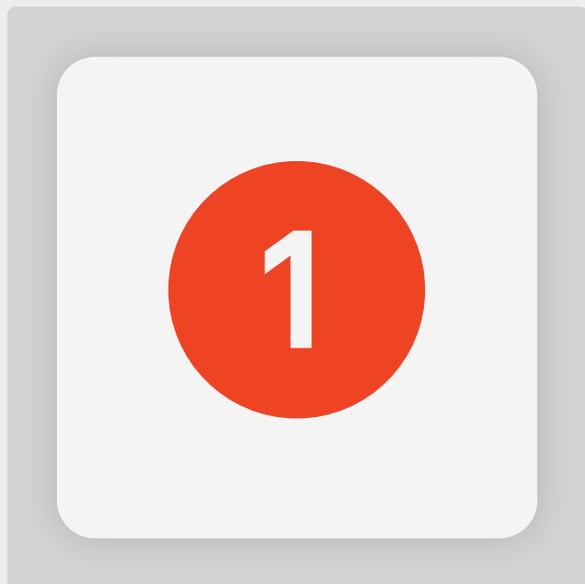
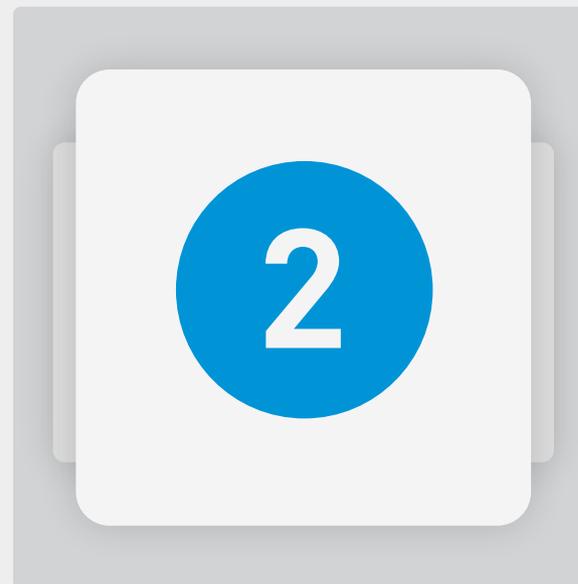
This step deals with the most fragile part of the PC. Check out this step on video if you need more help!



Take Care on This Step

Do NOT touch the pins! The pins of the CPU or motherboard are easily bent, and if they get damaged, they may not work properly anymore.

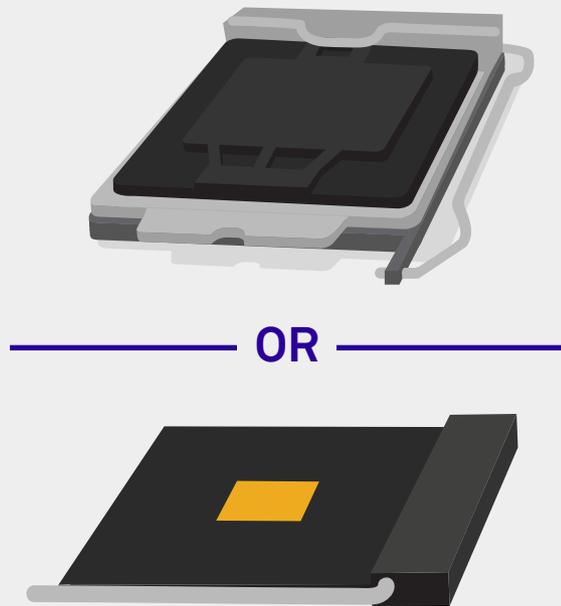
The CPU is the most fragile part of your build. **Make absolutely certain you do not touch or bend the gold pins** on either the CPU (AMD®) or the CPU socket situated on the motherboard (Intel®). When handling the CPU, be careful and hold it by its sides.

AMD® CPU**Intel® CPU**

Identifying an AMD® CPU or Intel® CPU

Your CPU box will either say AMD® or Intel® on it. This is important as the instructions are different for both. Keep an eye out in this guide for these colored boxes labeled “AMD®” and “Intel®”. They will indicate what steps to take for your build.

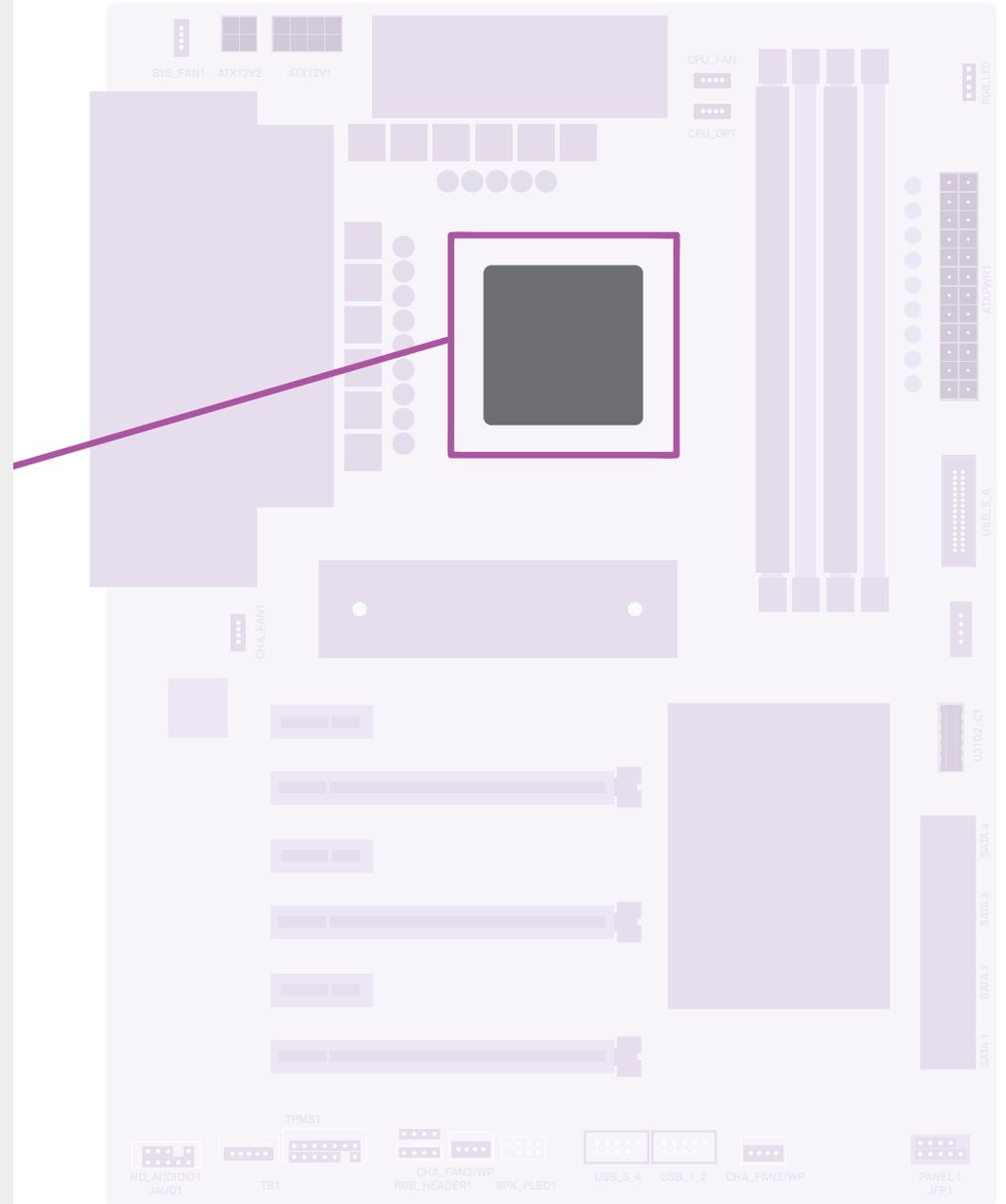
Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

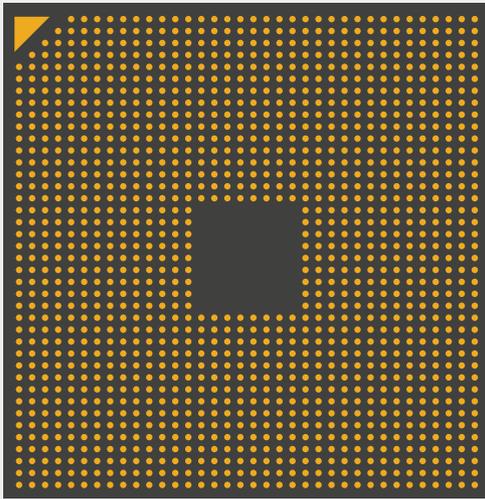


Locate the CPU Socket

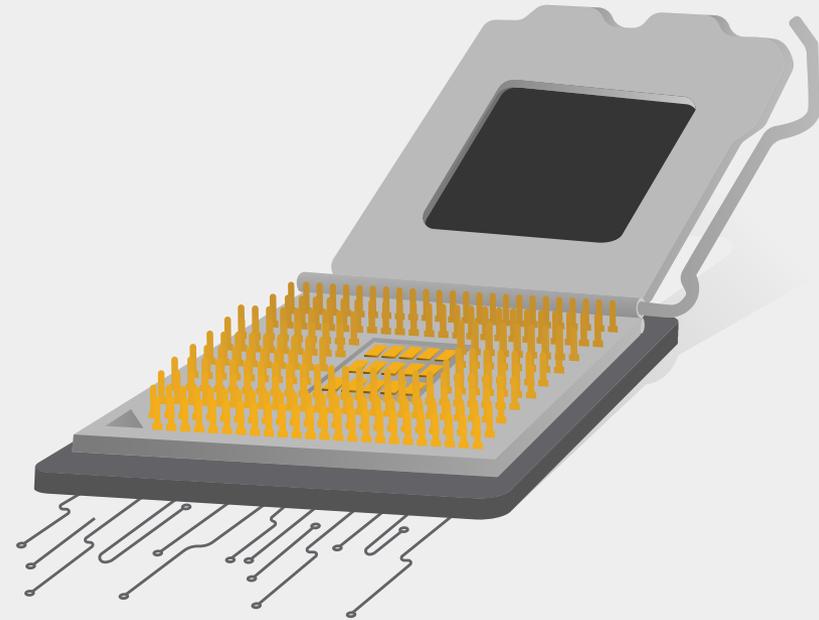
Your CPU socket will look different depending on your CPU type.

The upper-middle area of the motherboard will have a rectangular or square socket for your CPU with a metal retention arm. If lost or if you are unsure, you can always refer to the motherboard manual for additional help.





Visual of AMD® CPU pins, located on the CPU itself.



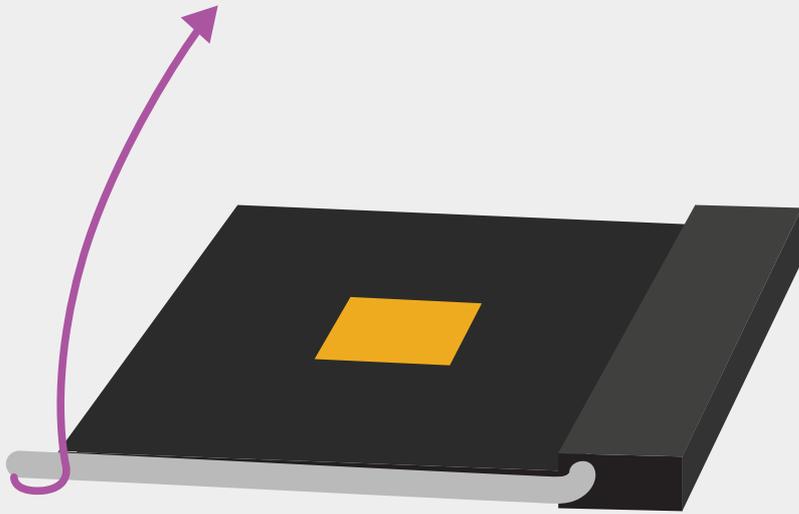
Visual of Intel® CPU pins, located on the socket.

Inspect the Pins

When handling the CPU, hold it by its sides. **Without touching any gold areas**, visually inspect the CPU pins to make sure none of them are bent. With an AMD® CPU, pins are located directly on the CPU itself, and with an Intel® CPU, pins are located on the socket instead. If the CPU pins came bent, please contact customer support.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

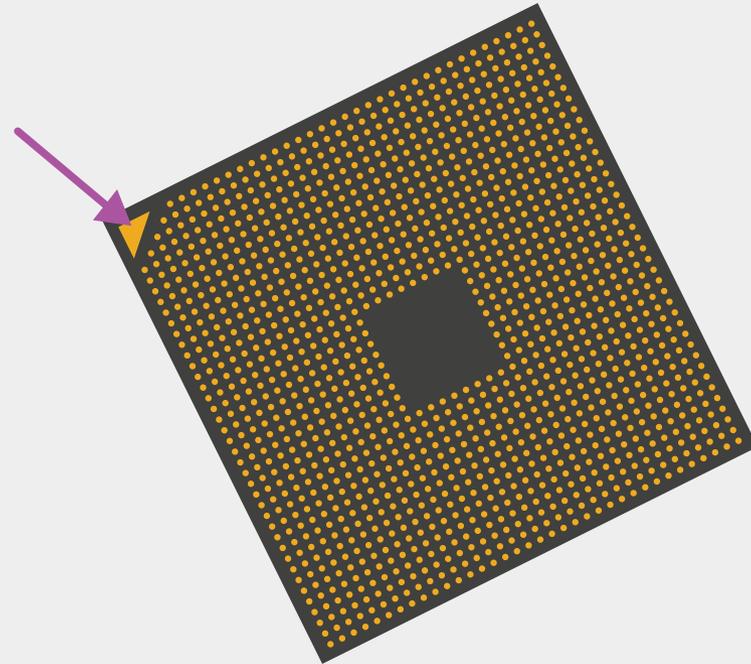
A



Open the Socket

Unlatch the CPU socket by pressing on the metal retention arm and bringing it up all the way.

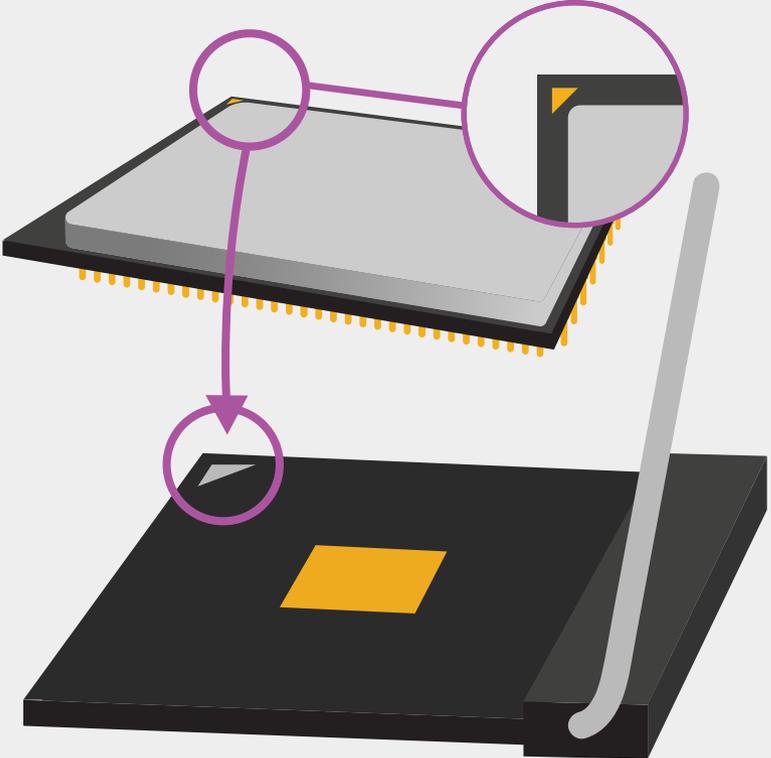
B



Identify the Corner Marker

Hold the CPU by the sides. **Do NOT touch the gold pins.** Identify the corner of the CPU that has the arrow.

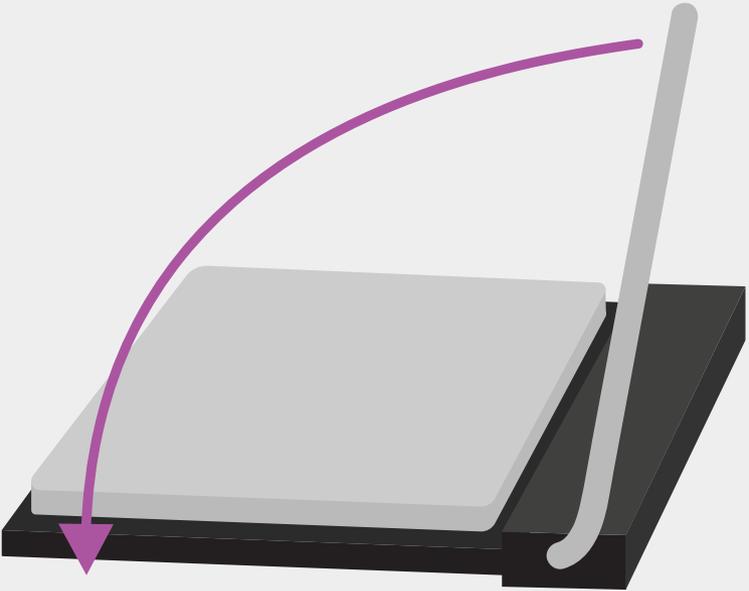
C



Place the CPU

Align the marked corner (dot or triangle) on the CPU with the marked corner of the socket. **Do not force or move.** Place gently.

D

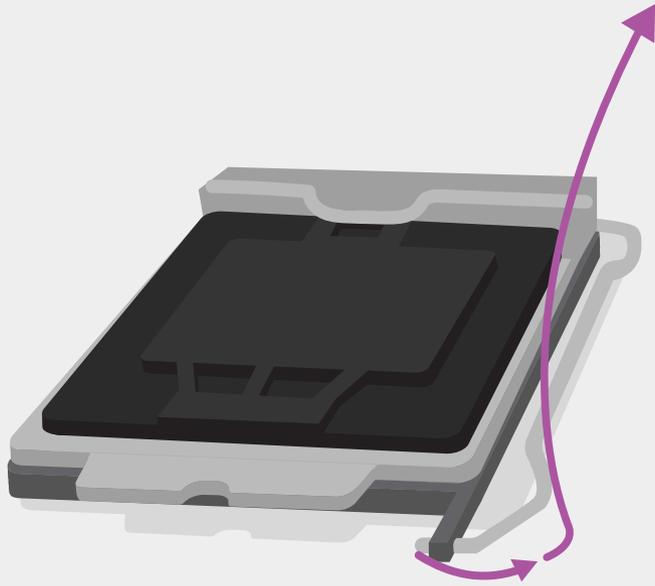


Close the Socket

Pull down and latch the metal retention arm onto the socket.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

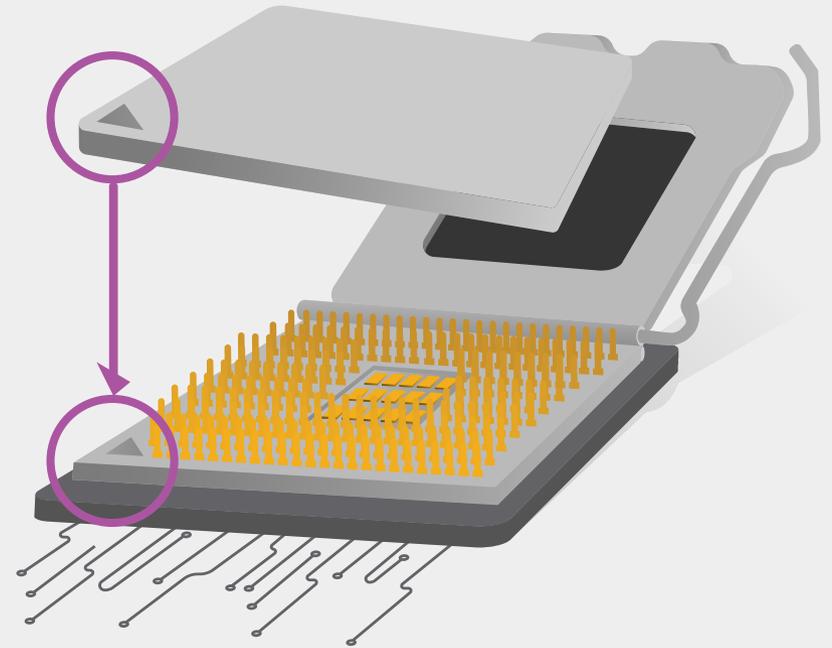
A



Open the Socket

Open the CPU bracket on your motherboard by pushing on the metal retention arm. Do not remove black cover.

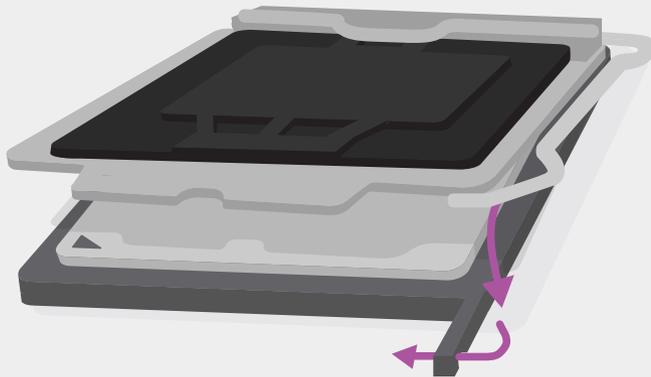
B



Place the CPU

Align the arrows on the CPU and the socket. **Do not force.** Place the CPU down gently, taking care not to move it once seated.

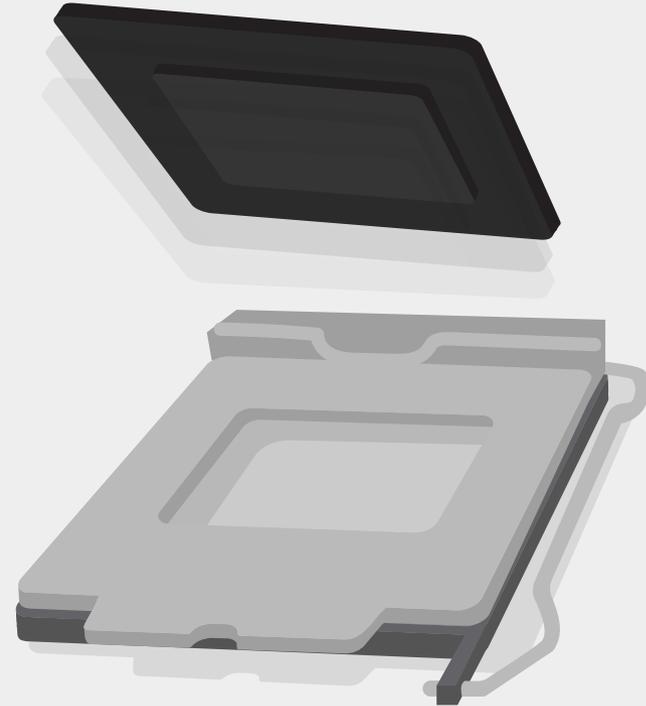
C



Close the Socket

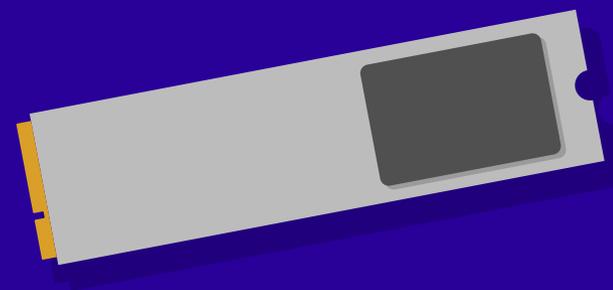
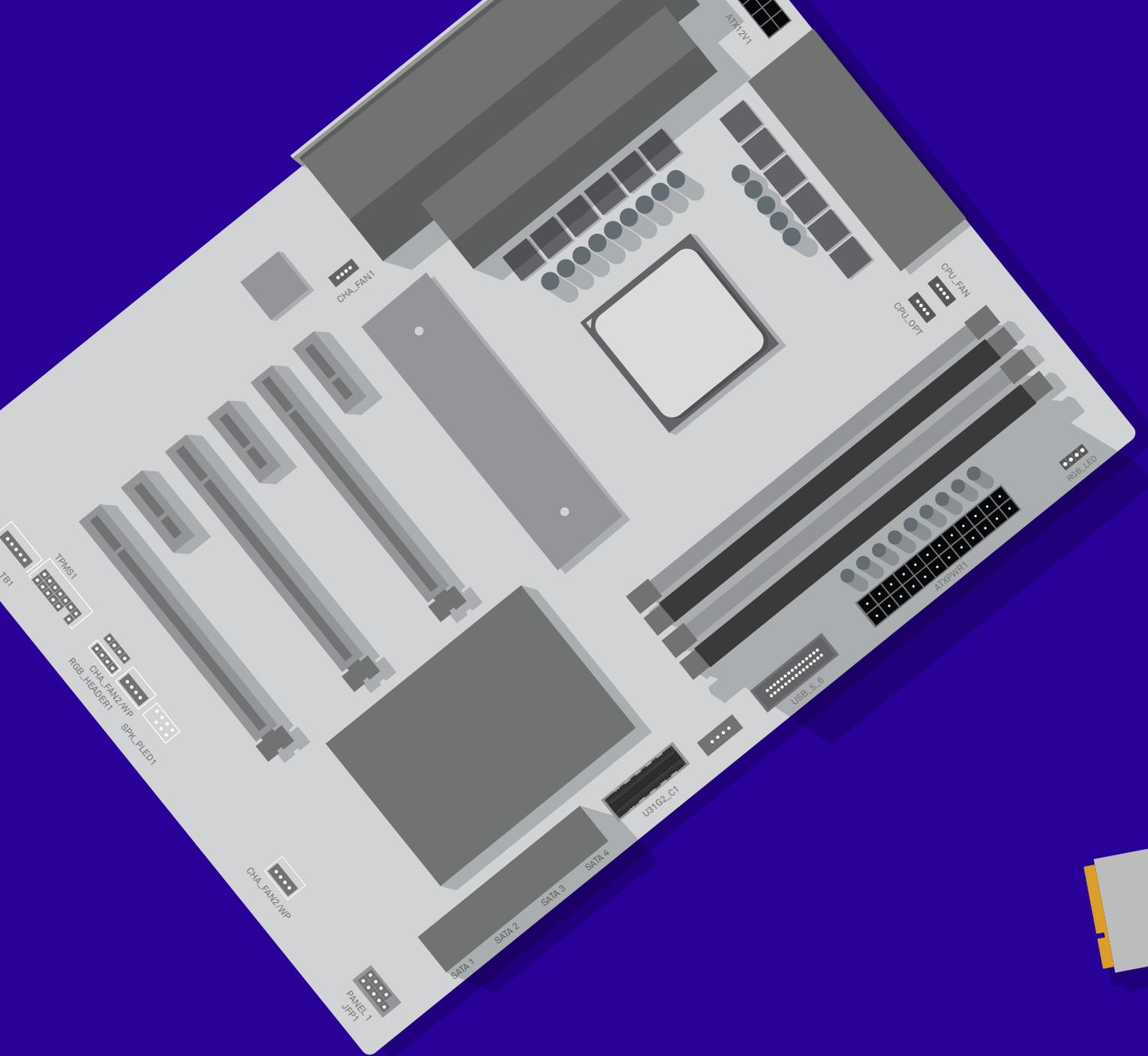
Pull down and latch the metal retention arm onto the socket.

D



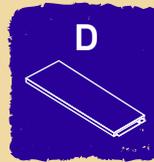
CPU Cover Pops Off

The plastic CPU cover should come off itself once the bracket is closed. Do not discard this cover in case you need to return or exchange it.

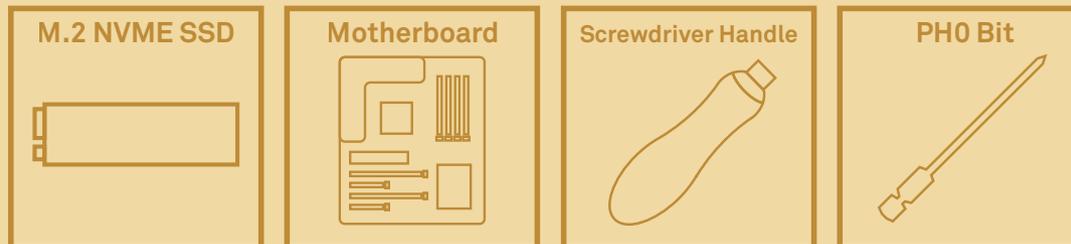


Level 3

Installing the M.2 NVME SSD



What You'll Need



Video Walkthrough

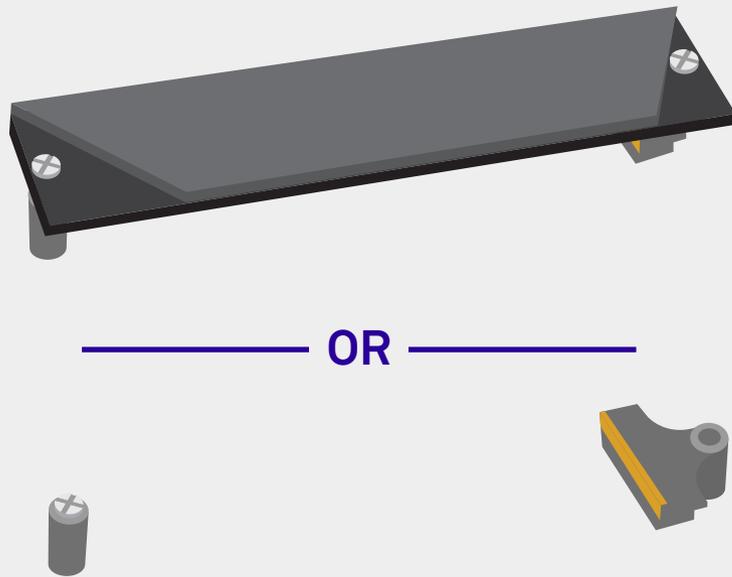
Inserting the SSD into the board may be a bit confusing. Check out this step on video if you need more help!



Pucci Found a Hidden SSD!

Pucci has found an M.2 NVME SSD (marked **D**) with Windows® 10 already pre-installed on the drive. Take your M.2 SSD out of its packaging, holding onto the edges of the drive.

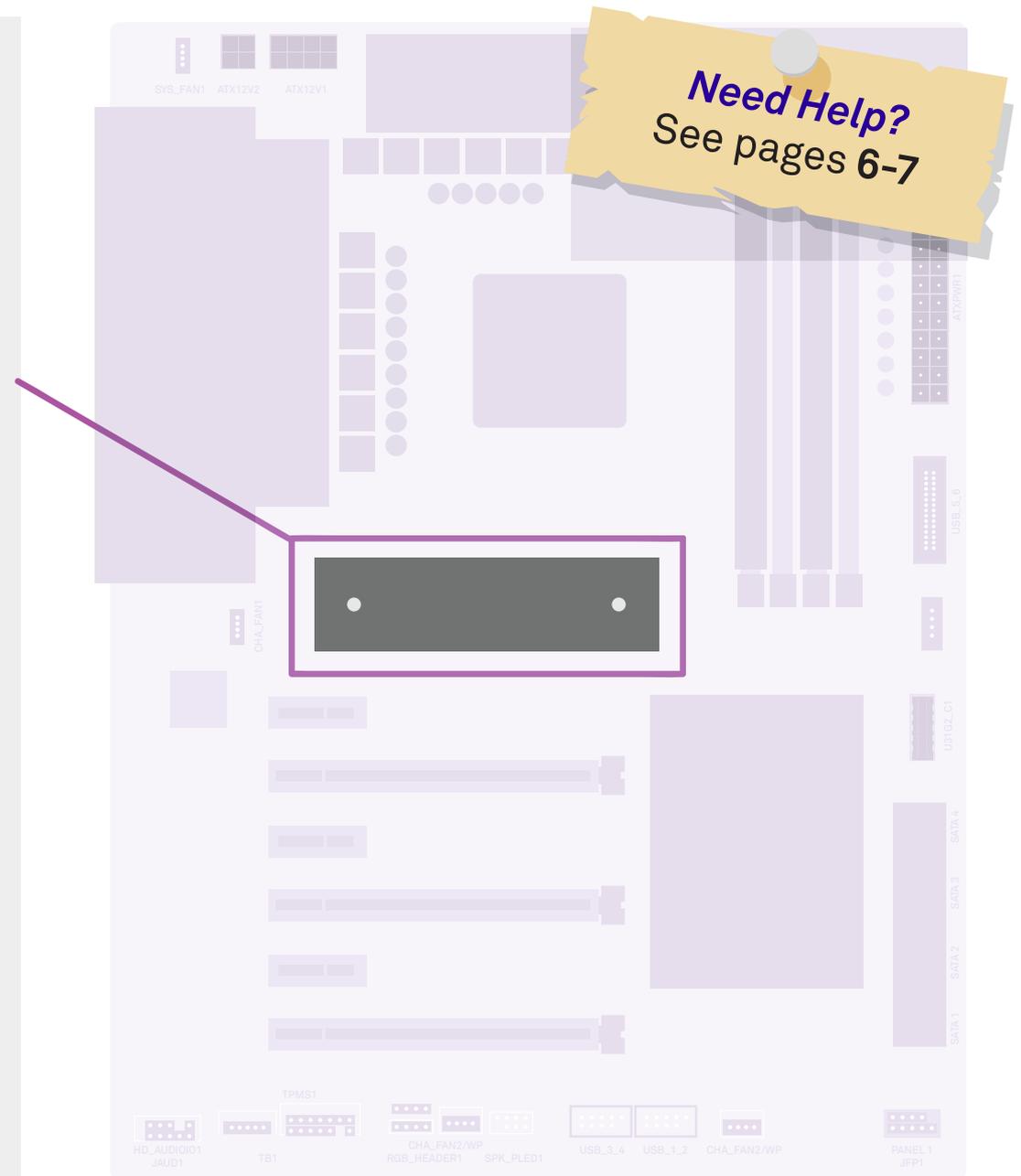
A



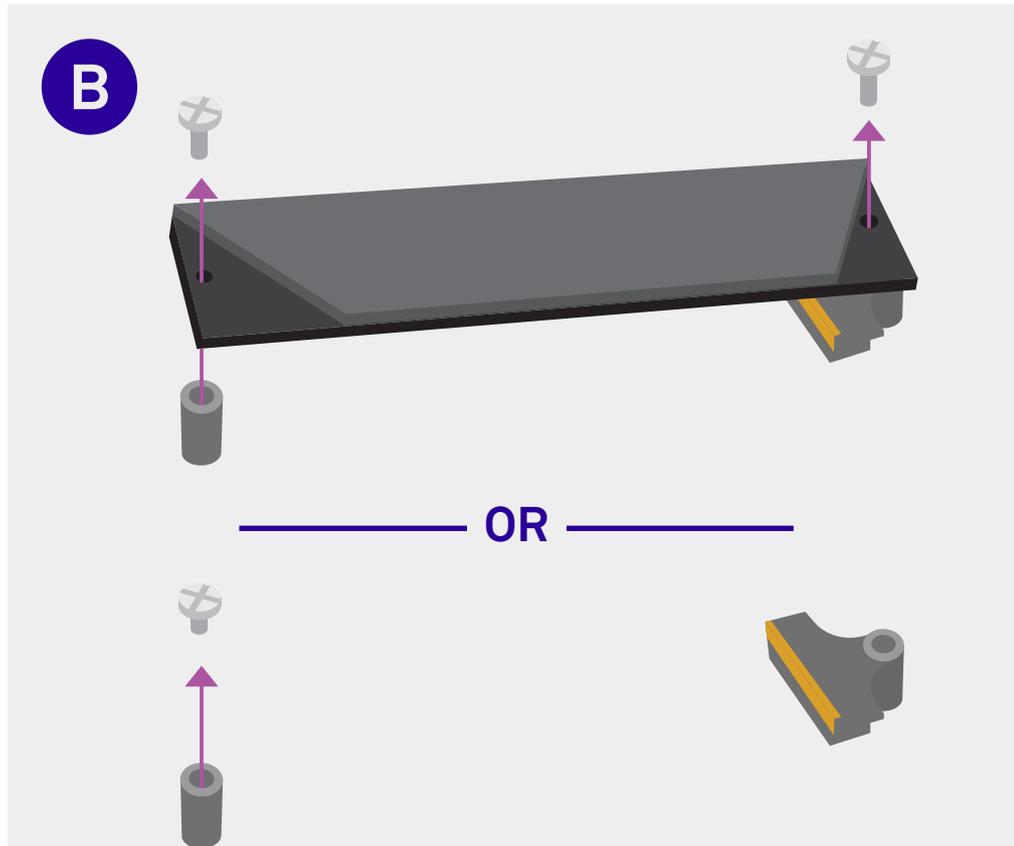
Locate the M.2 NVME Slot

Not all motherboards have an M.2 shield. Sizes of shield may vary.

Near the middle of the motherboard, typically just below the CPU, you will find a slot for the M.2 drive. It is sometimes covered by an M.2 shield (2 screws), and sometimes it is attached by the port itself (1 screw). **Check your motherboard manual if unsure.**



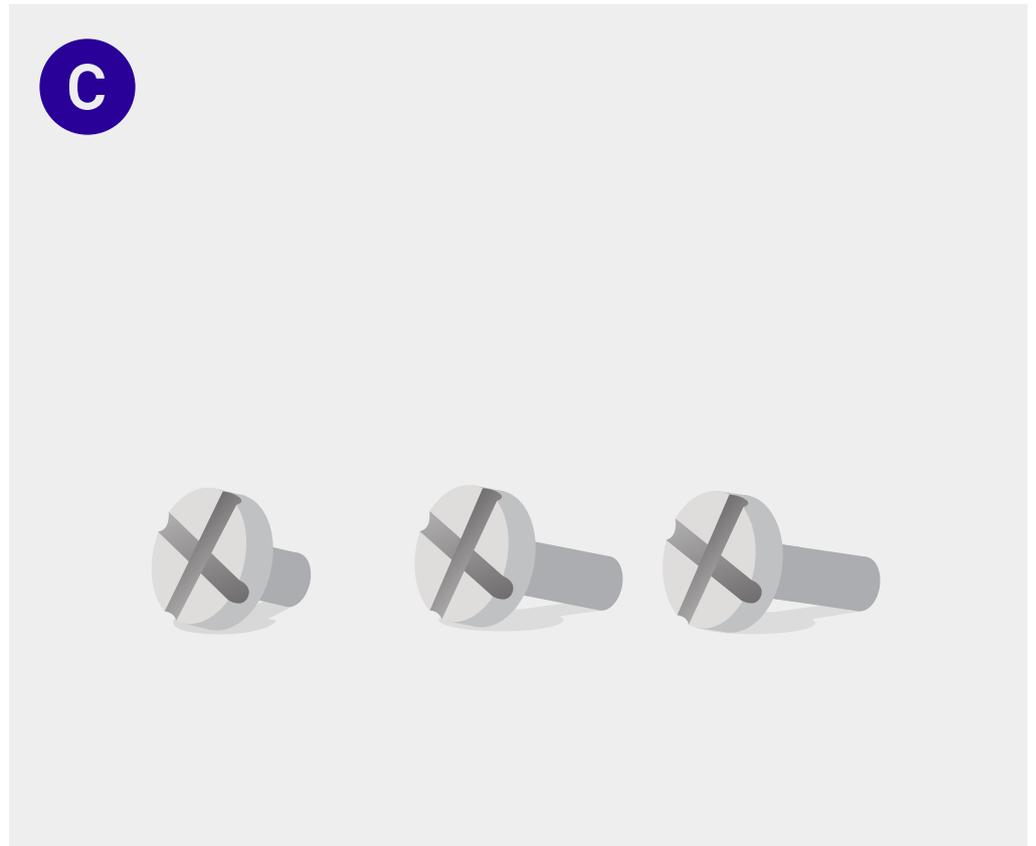
Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.



Remove the Screws

*Depending on your motherboard, you may have 1 to 3 screws.
Some boards have the screws provided separately in the box.*

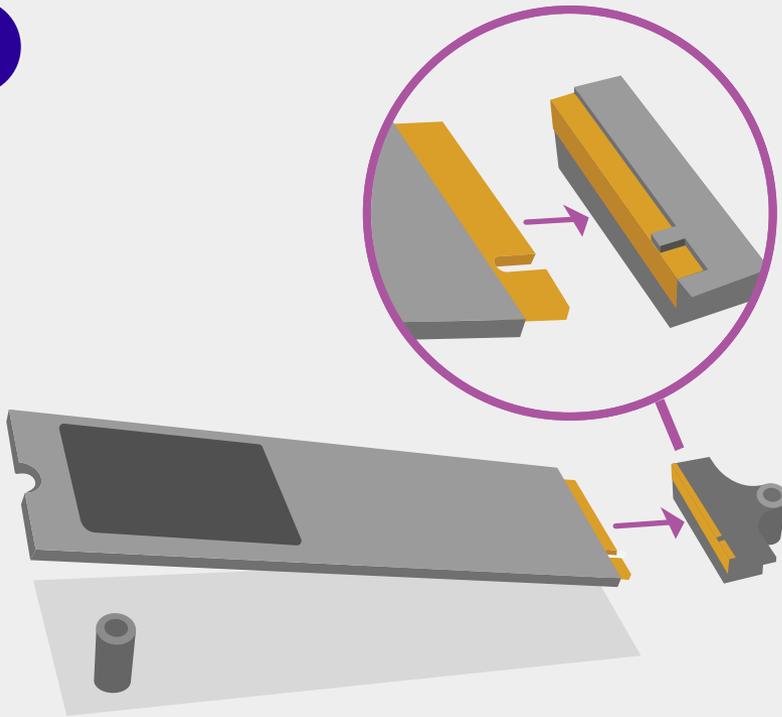
Determine if there is an M.2 shield that needs to be removed. If so, unscrew it from the board.



Set Aside the Screw(s)

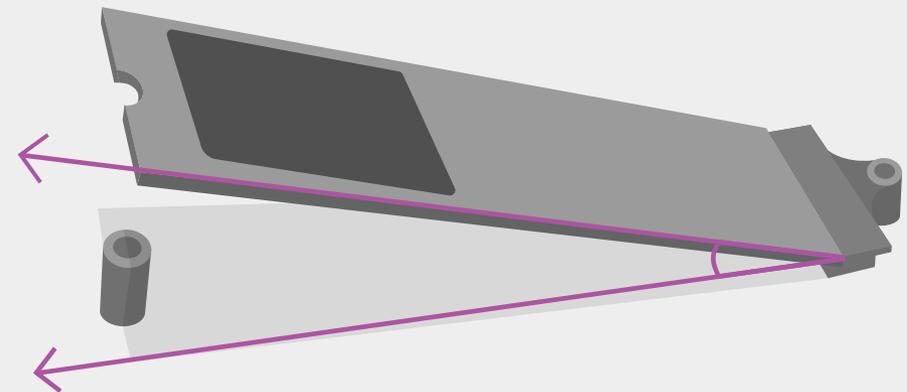
If you have an M.2 shield, you may have a second or third screw.

The screw(s) you just removed from the board will be used in attaching the M.2 drive. Keep track of where you put them. They may vary in length and size depending on your motherboard.

D

Insert the SSD

Insert the SSD at an angle, matching the notch to the connector.
If done correctly, the gold should not be visible.

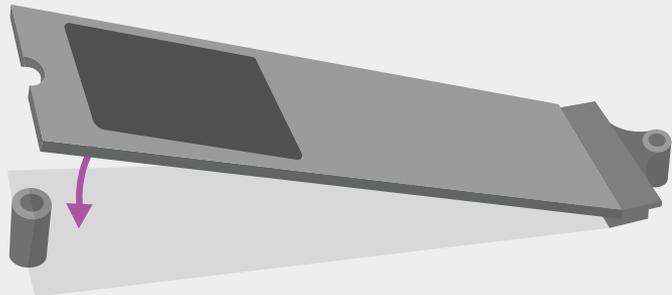
E

Ensure Proper Seating

Your SSD will be pointing upwards at an angle. If it is not, retrace step D and make sure the drive is properly installed.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

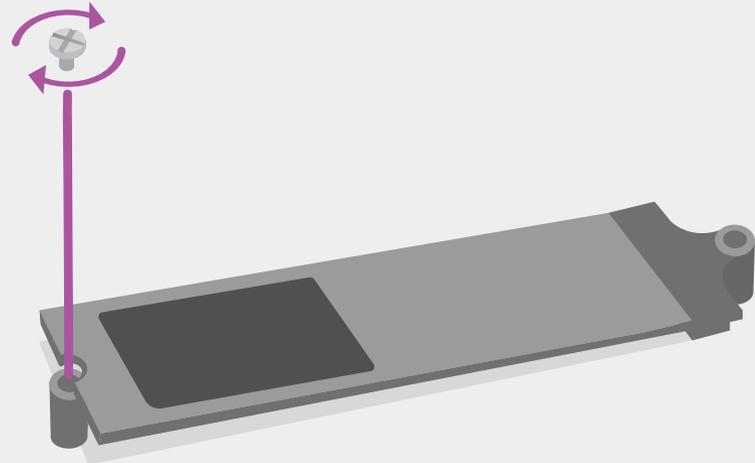
F



Push Down the M.2 Drive

With the shield on top of the M.2 drive (if one came with your motherboard), push down the M.2 SSD towards the board.

G

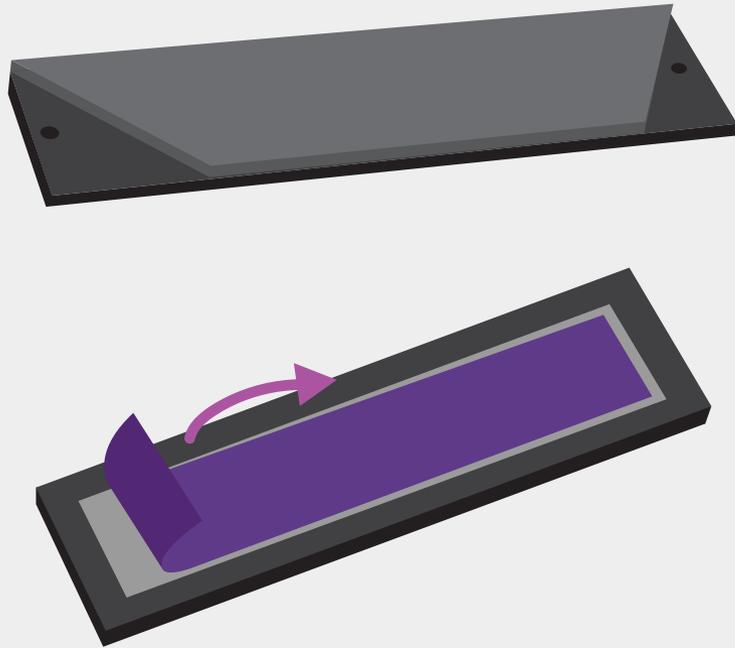


Screw in the SSD

You may need to skip this step if you have an M.2 Shield and removed exactly 2 screws on step B.

Fasten the screw you removed on step B (or alternatively one you can find in your motherboard box) to secure the SSD.

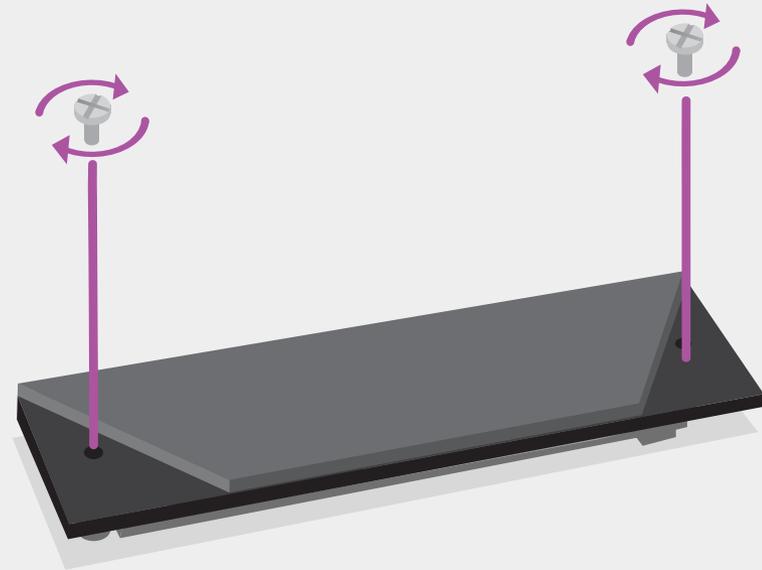
H



Peel off the M.2 Shield Plastic

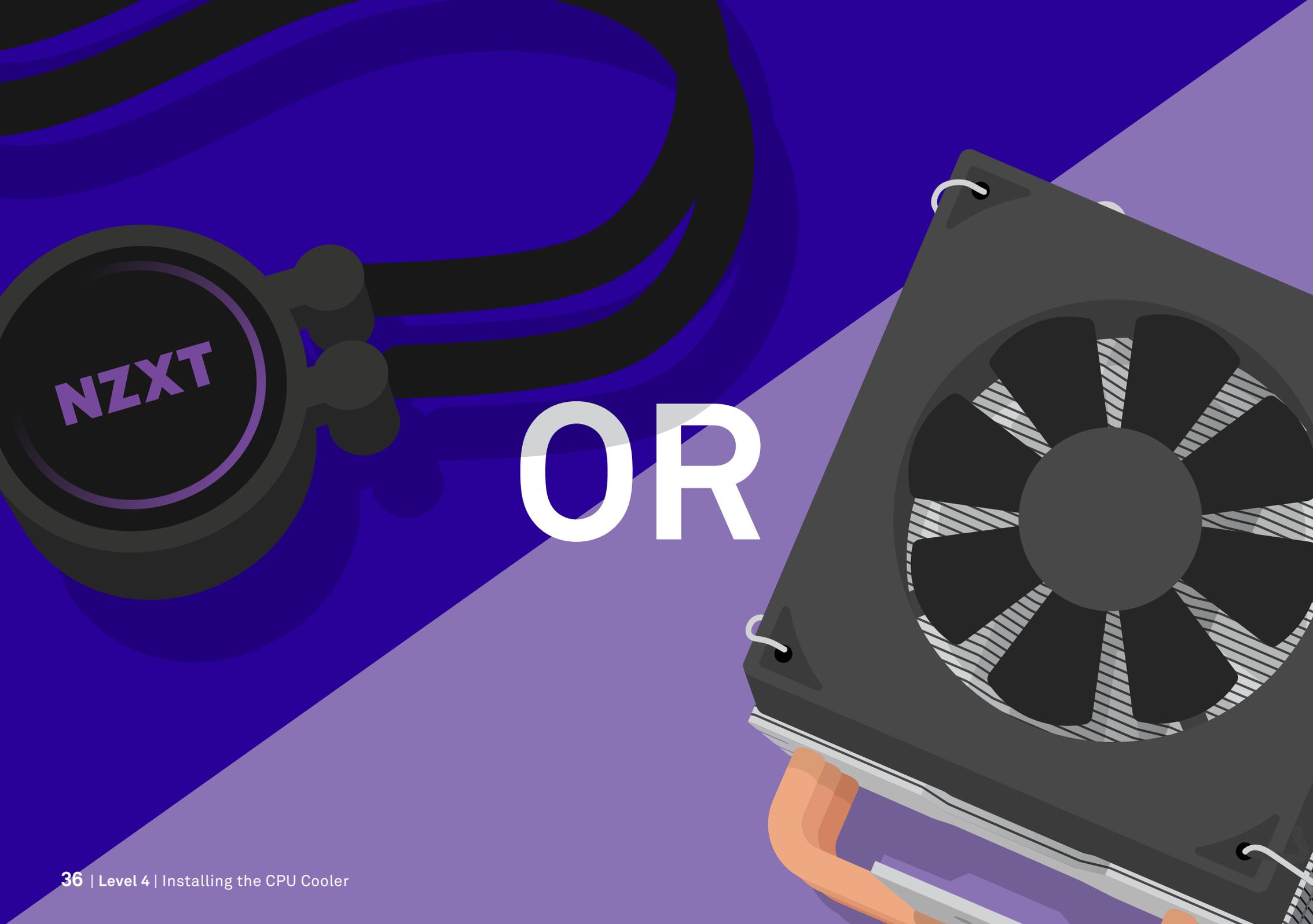
If you have an M.2 Shield: Peel off the plastic from the bottom of the M.2 shield. Missing this step may cause your drive to overheat.

I



Screw in the M.2 Shield

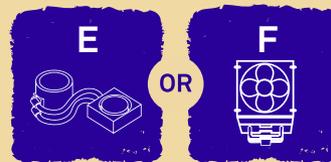
If you have an M.2 Shield: Holding the SSD to the board, screw the SSD onto the motherboard using the 2 screws you set aside on step C.



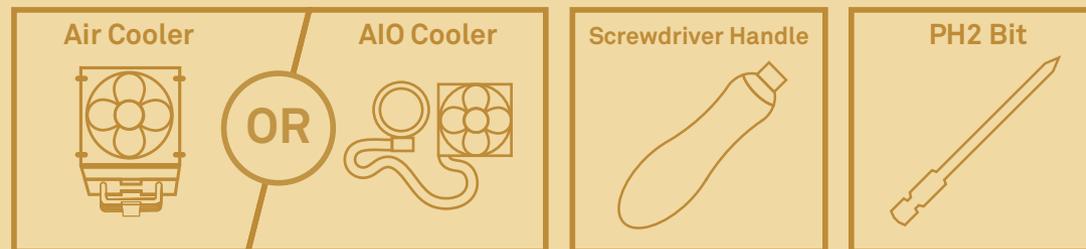
OR

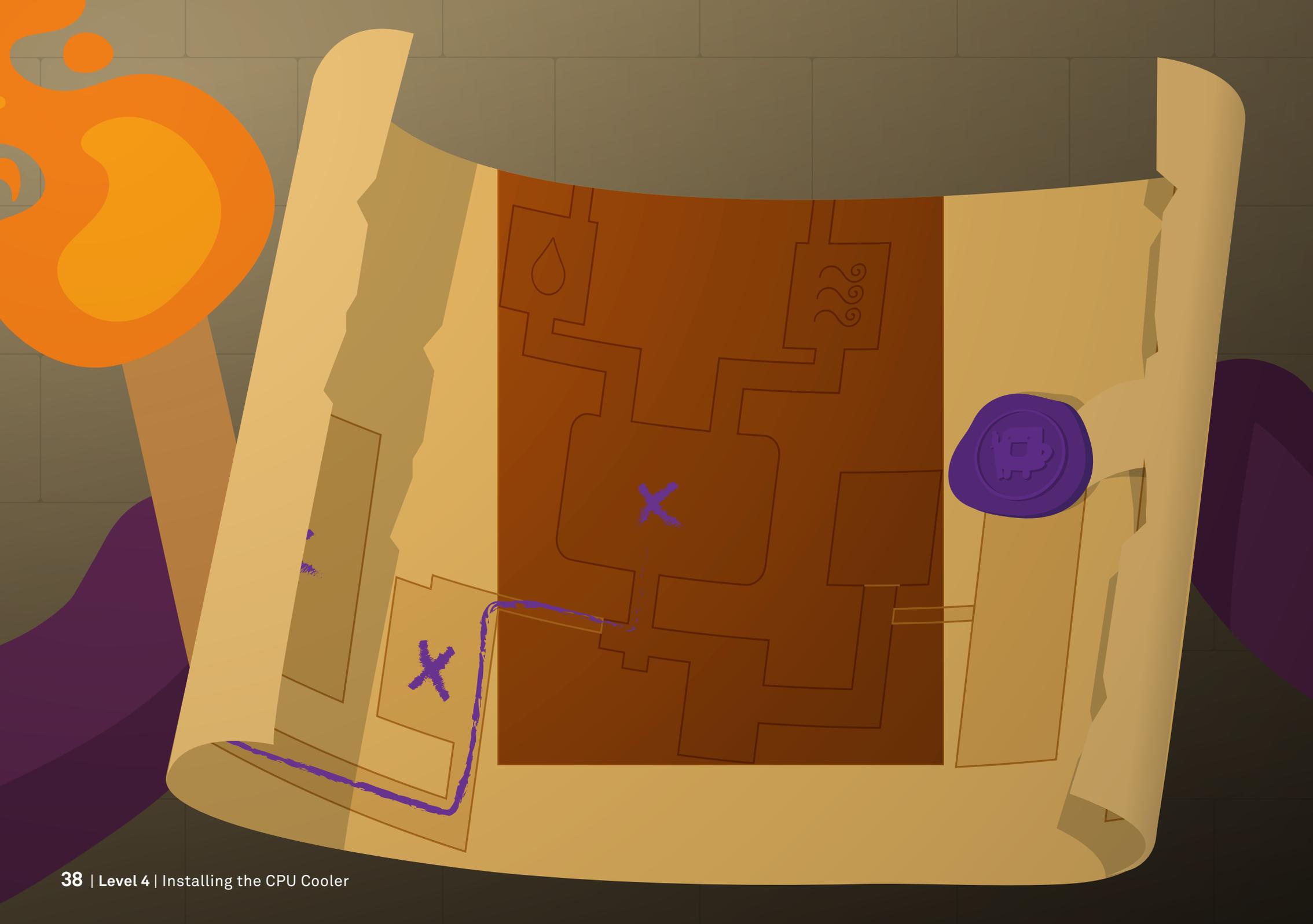
Level 4

Installing the CPU Cooler



What You'll Need





A Crossroad!

You have arrived at a crossroads. Before continuing on through the next steps, check the packaging labels to see whether you have an AIO cooler (marked **E**) or an air cooler (marked **F**). If you have an air cooler, **skip pages 40-49**. If you have an AIO cooler, continue normally and **skip pages 50-57**.



E

AIO Cooler

Pages 40-49

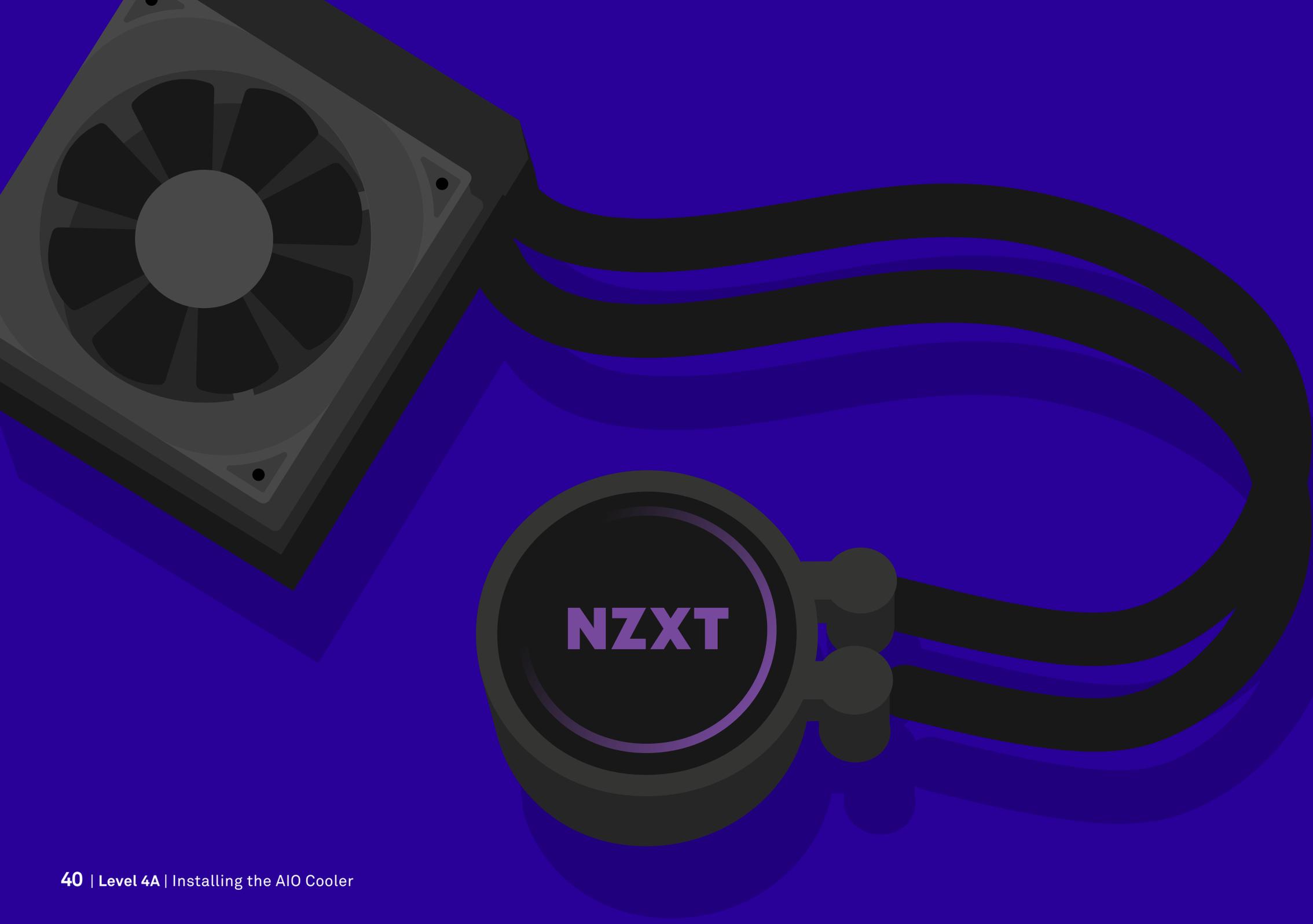


F

Air Cooler

Pages 50-57





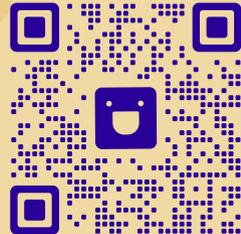
*Skip to page 50
if you have an Air Cooler (F)*

Level 4A

Installing the AIO Cooler



What You'll Need



Video Walkthrough

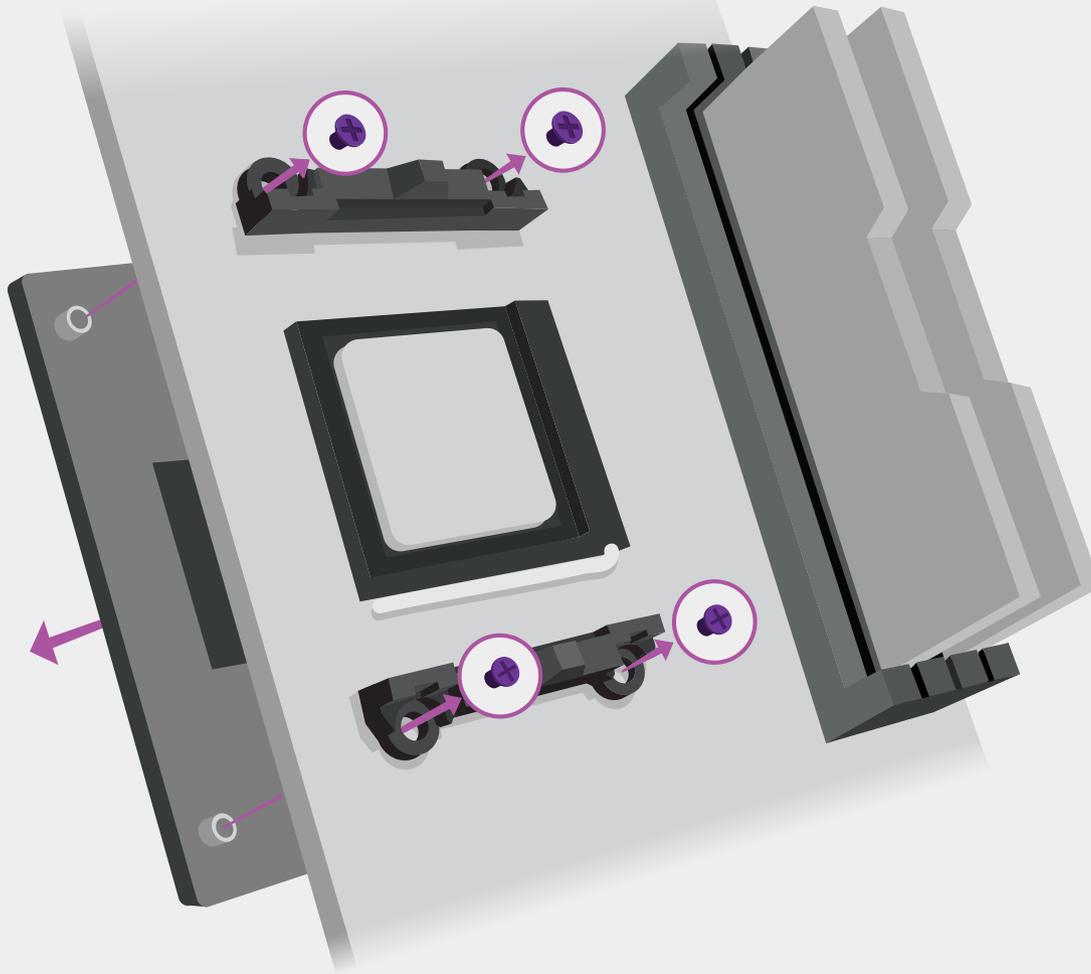
Installing an AIO can get intimidating. Check out this step on video if you need more help!





Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

A1

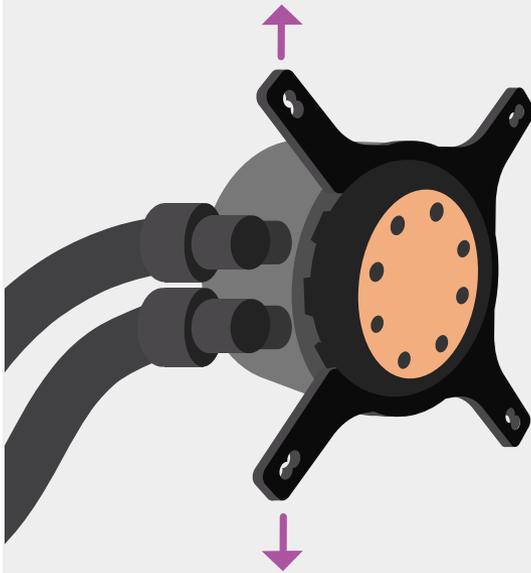


Prepare the Motherboard

Important! The M22 AIO cooler came pre-configured for an Intel® CPU. Skip steps A1-A4 if you have an Intel® CPU.

Remove the stock AMD® mounting bracket and backplate from the motherboard.

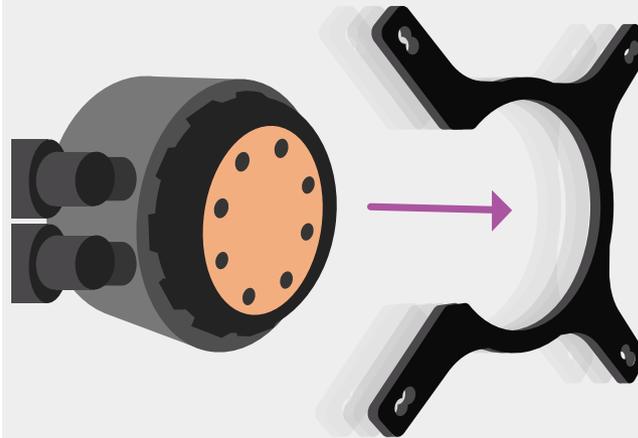
A2



Loosen the Intel® Retention Bracket

Slightly push the two feet at the open end of the Intel® retention bracket outwards.

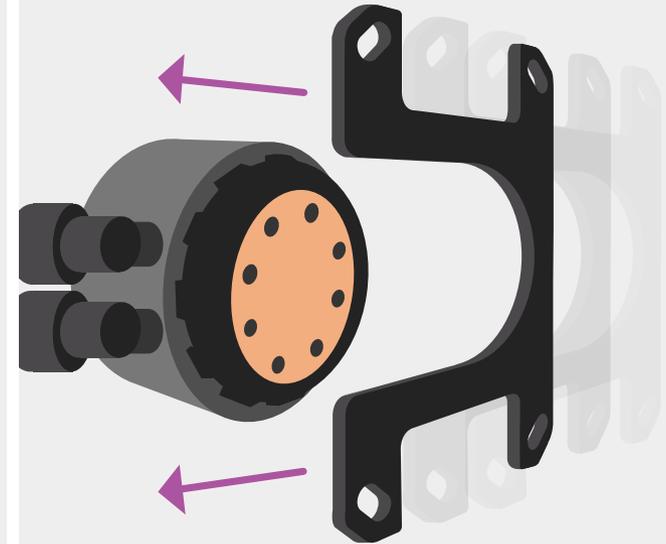
A3



Remove the Intel® Retention Bracket

Pull the Intel® retention bracket off of the water block.

A4

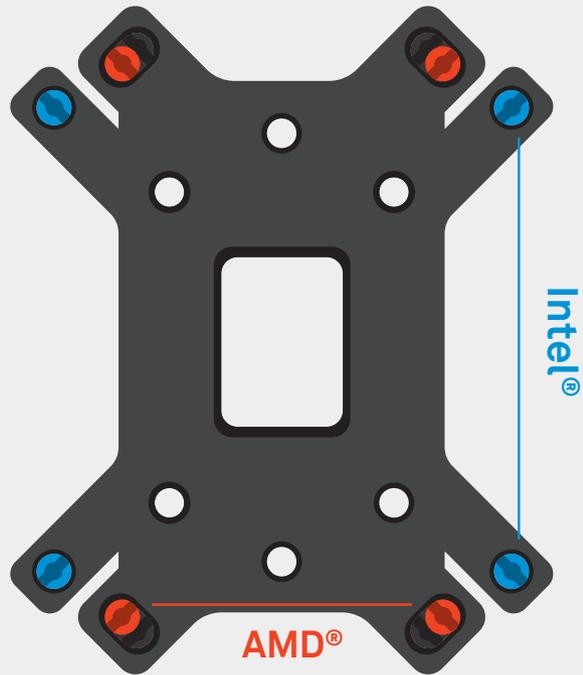


Attach the AMD® Retention Bracket

Follow the pictured orientation to slide the AMD® retention bracket onto water block.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

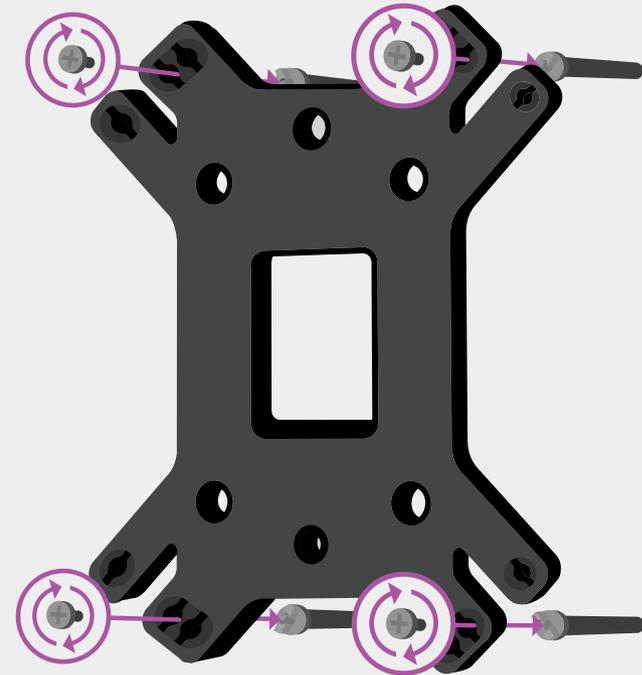
B



Screw Pegs in Here

This is a universal backplate - find which holes match your CPU and fit your motherboard. Make sure the back plate is properly (vertically) oriented before doing so.

C

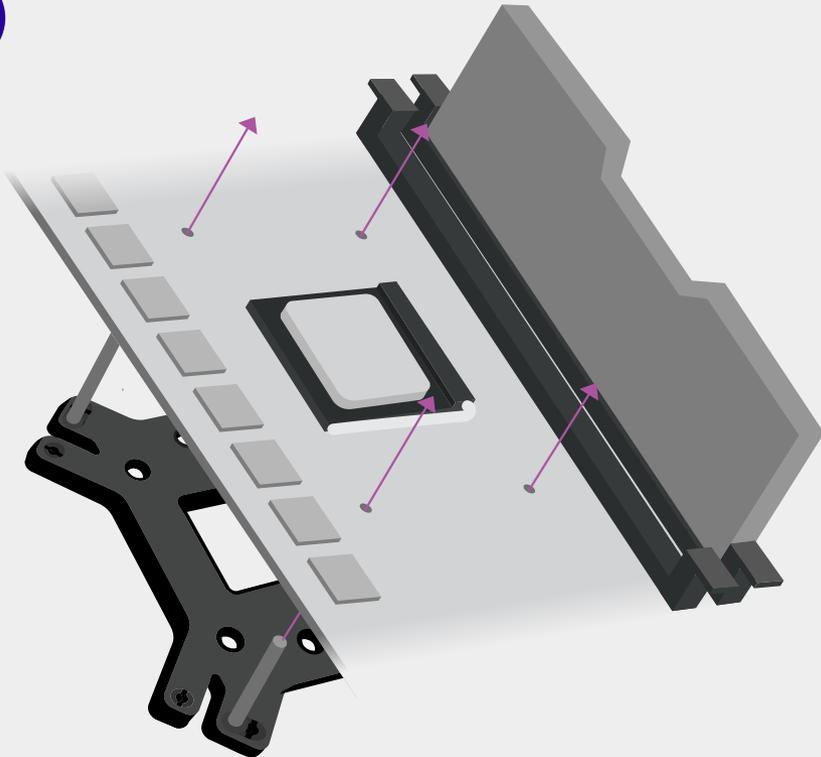


Install the Screws

Note: Example is of an AMD® Installation

Following the illustrations on steps B and C, install the M2 screws (labeled G in AIO manual) and standoff screws (labeled E in AIO manual) (both came with the cooler) onto your backplate, matching the holes with your CPU.

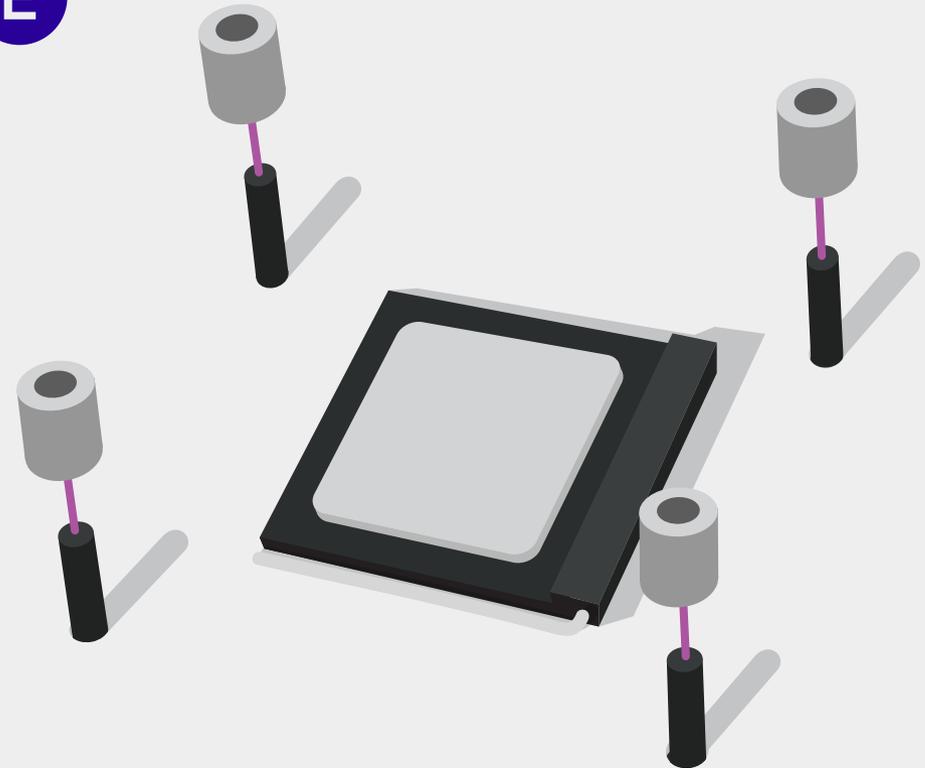
D



Install the Backplate

Align the holes of the backplate to those in your motherboard, and screw the backplate onto your motherboard.

E

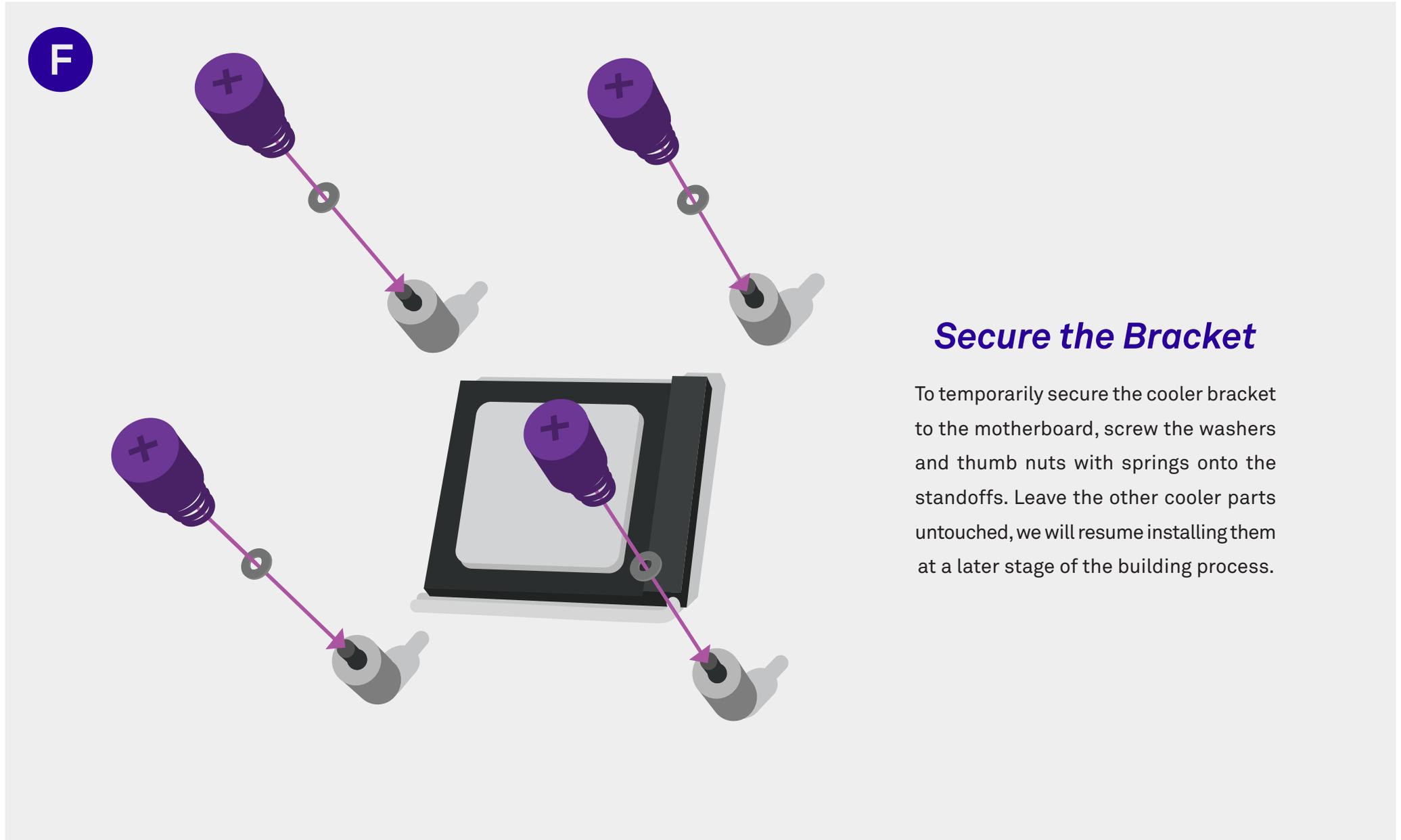


Install Spacers

Install the spacers onto the standoff screws.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

100%
exp until next level



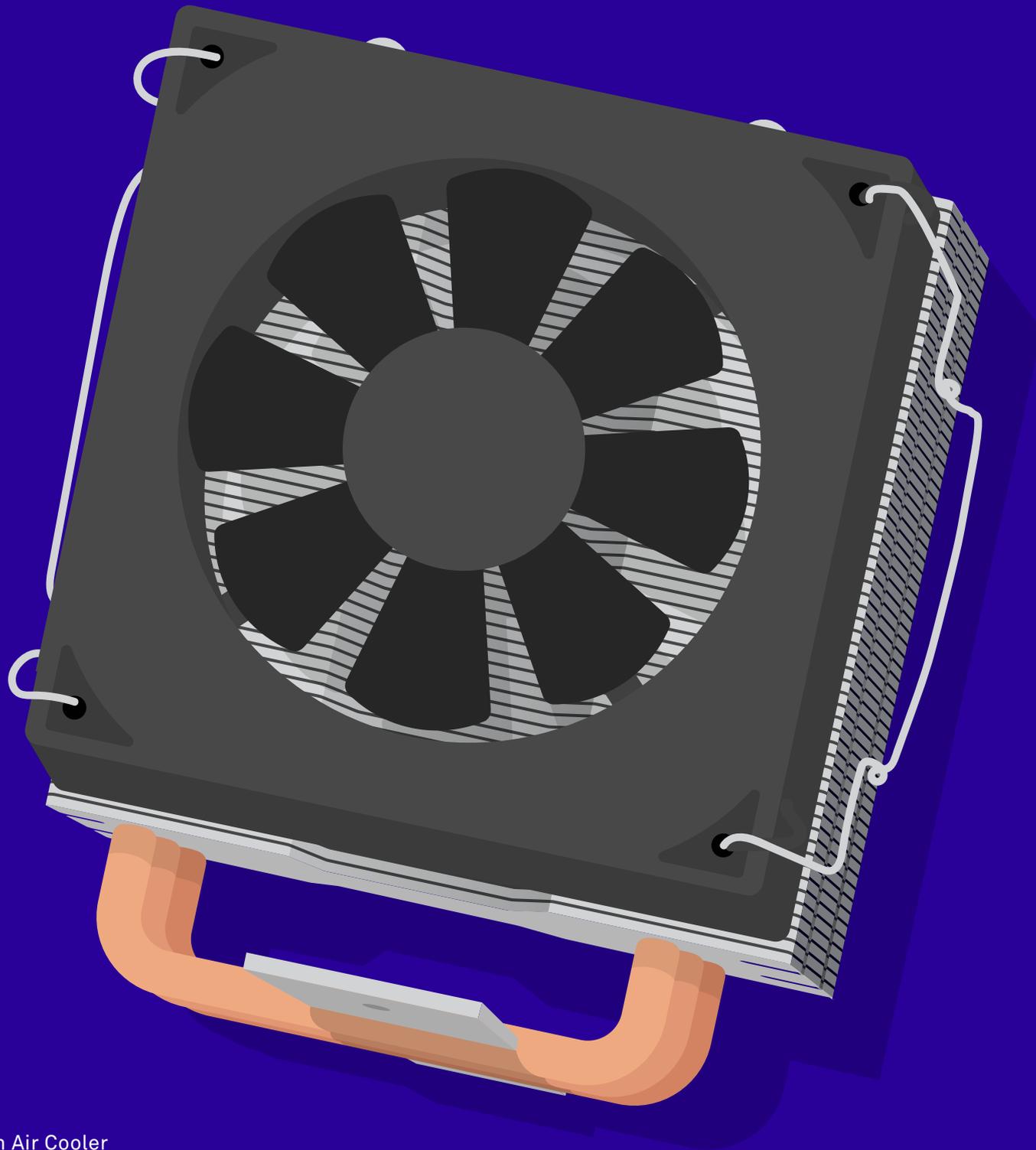
Secure the Bracket

To temporarily secure the cooler bracket to the motherboard, screw the washers and thumb nuts with springs onto the standoffs. Leave the other cooler parts untouched, we will resume installing them at a later stage of the building process.



***You Will Resume Installing This
Cooler at a Later Stage in the Build***

*Keep track of and safely store away all provided screws
and materials that have not yet been used.*



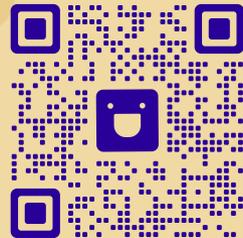
*Skip to page 58
if you have an AIO Cooler (E)*

Level 4B

Installing an Air Cooler



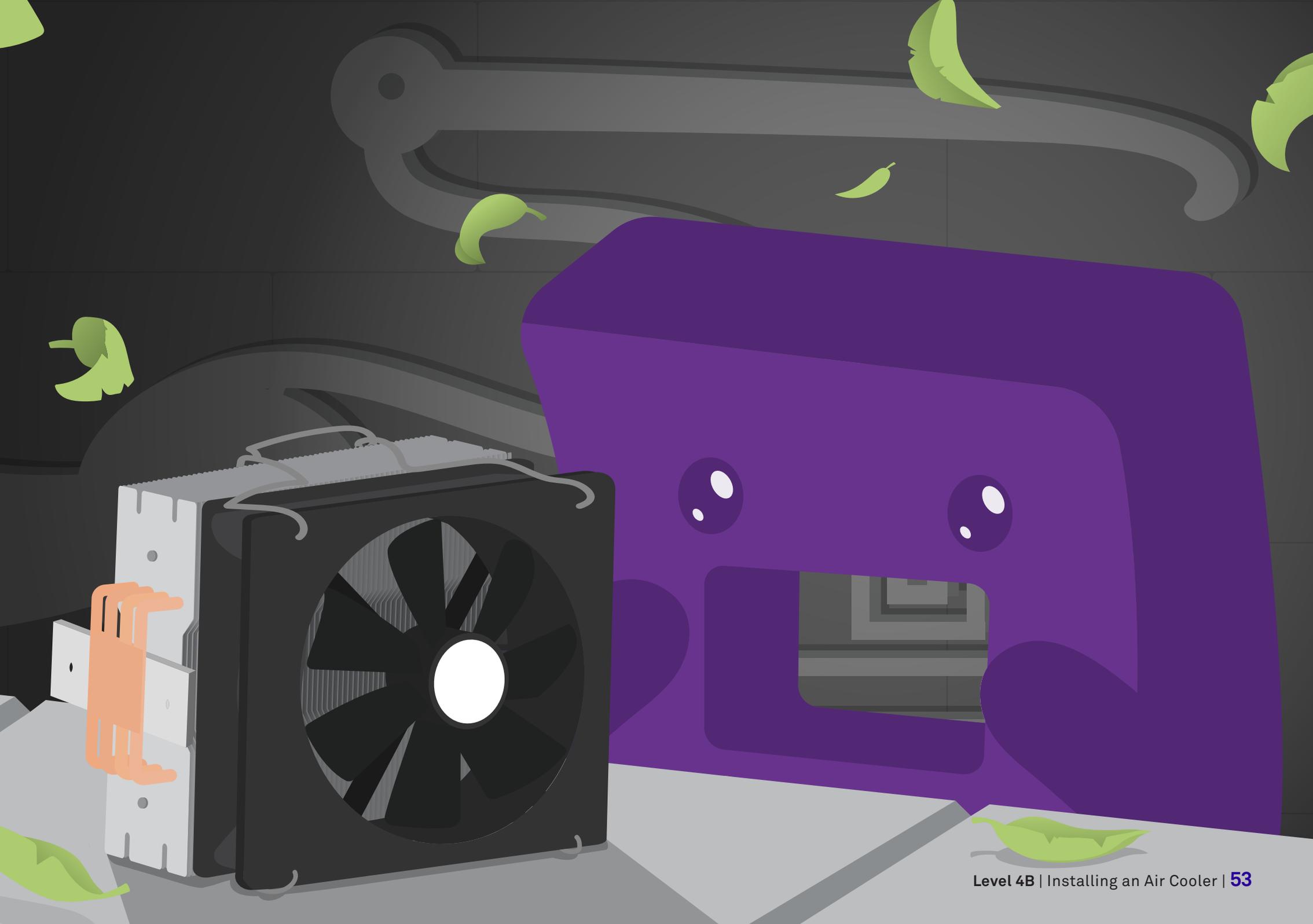
What You'll Need



Video Walkthrough

The air cooler installation process can get confusing. Check out this step on video if you need more help!



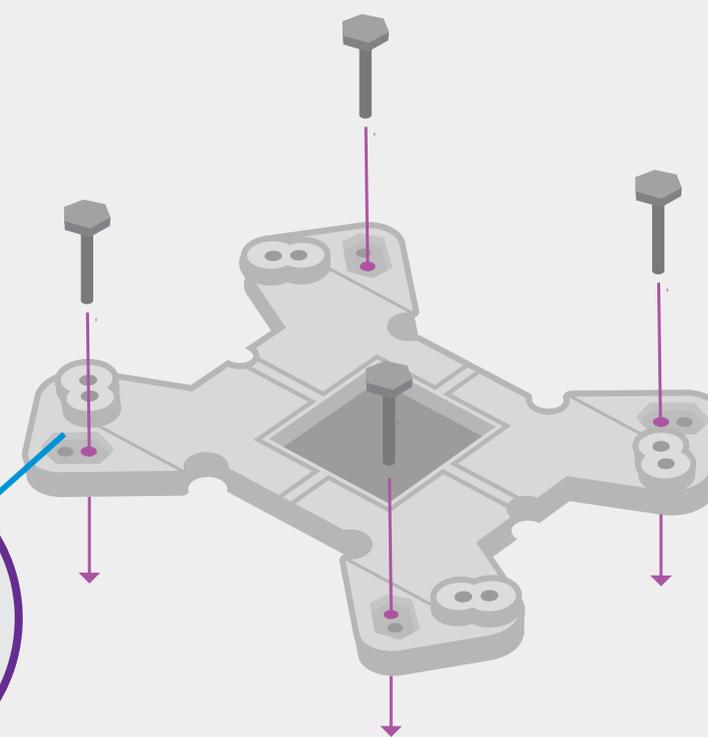
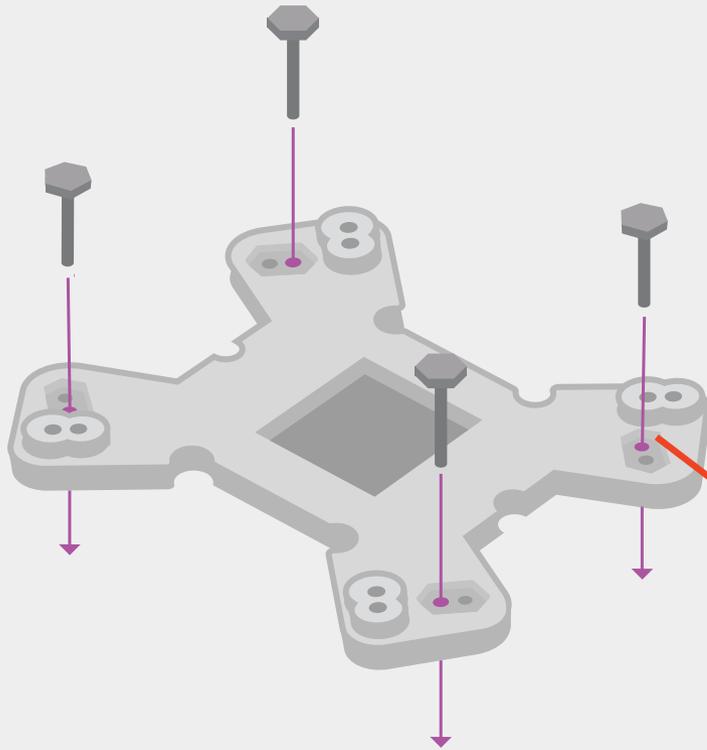


AMD® CPU

Intel® CPU

A

B



AM4 Socket

LGA115x Socket

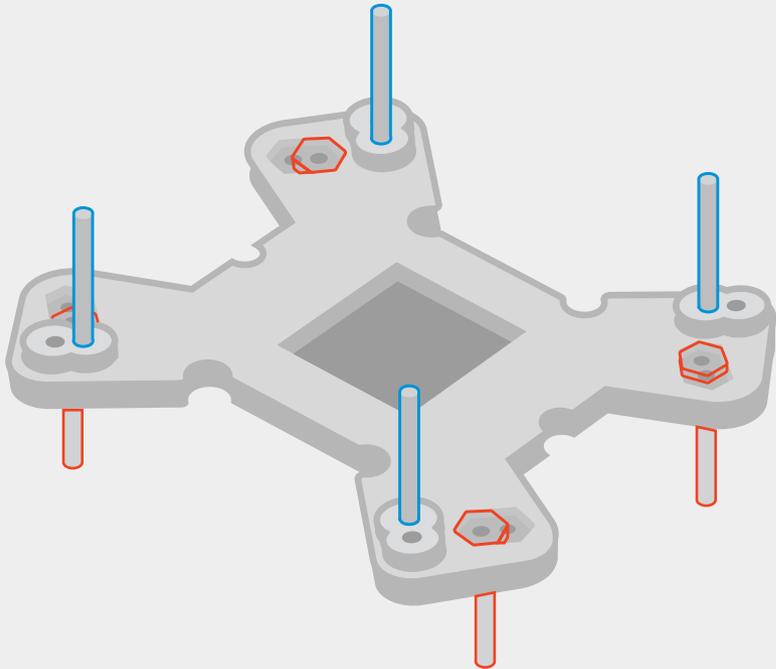
It may require added force to ensure screws are secure and firmly in place.

It may require added force to ensure screws are secure and firmly in place.

Firmly press the hexagonal screws into the recesses labeled “AM4” until they are **flush** with the backplate.

Firmly press the hexagonal screws into the recesses labeled “LGA115x” until they are **flush** with the backplate.

C



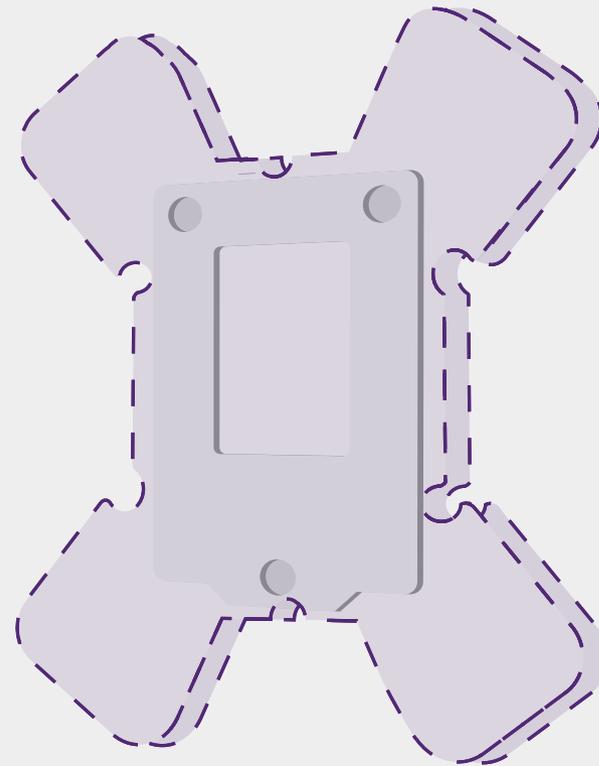
Ensure Screws are Secure

Note: Red lines indicate silhouette of AMD® version.

Note: Blue lines indicate silhouette of Intel® version.

Flip the backplate with all 4 screws over and shake to ensure all the screws are seated securely.

D



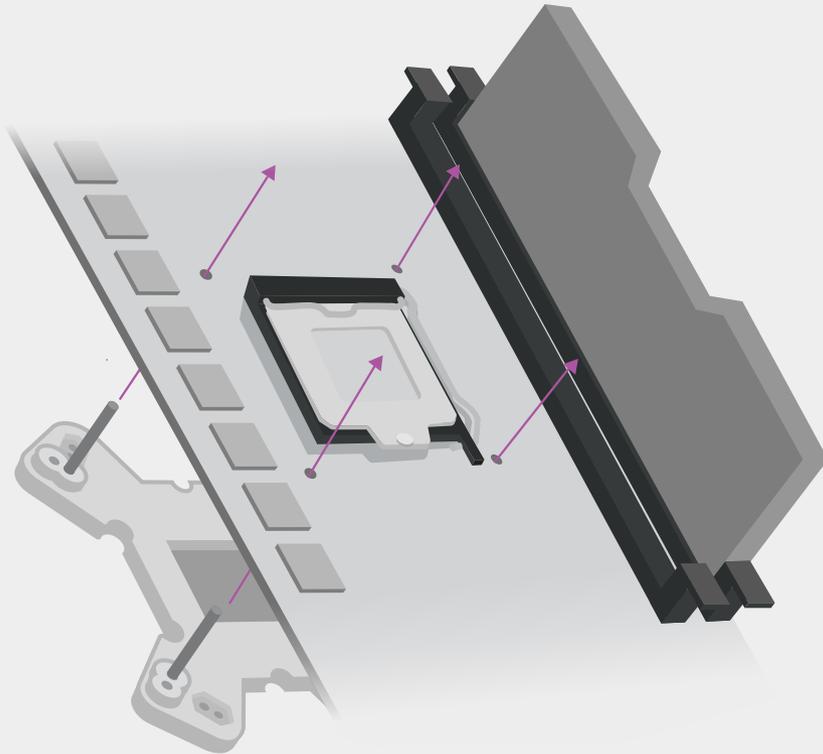
Pay Attention to Orientation

When mounting the backplate on the upcoming steps, make sure that your backplate is vertically oriented when attaching.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.



E

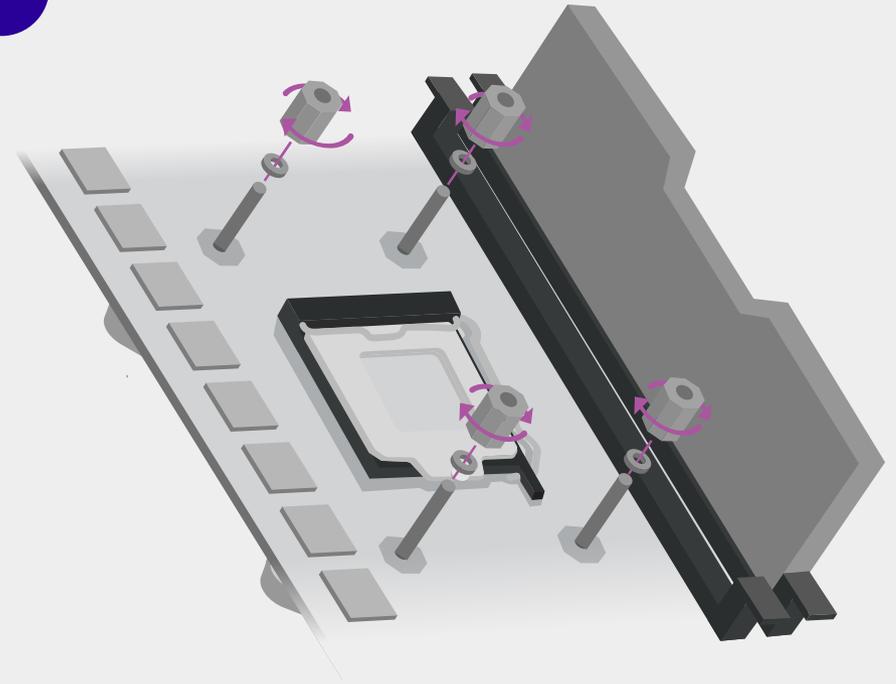


Attach the Backplate

Example above is of an Intel® backplate installation.

Align the backplate screws with the holes on the motherboard and run the screws through.

F



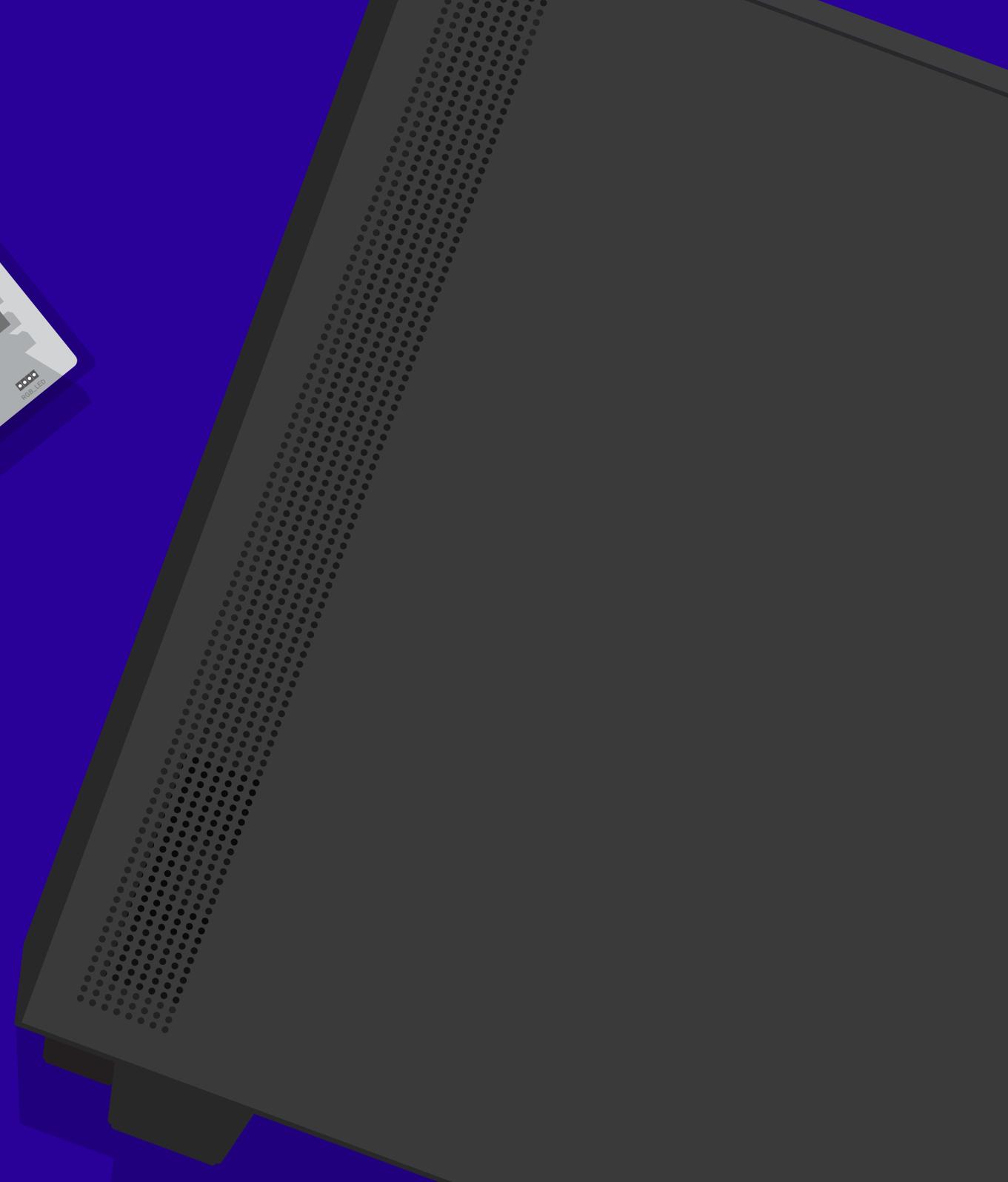
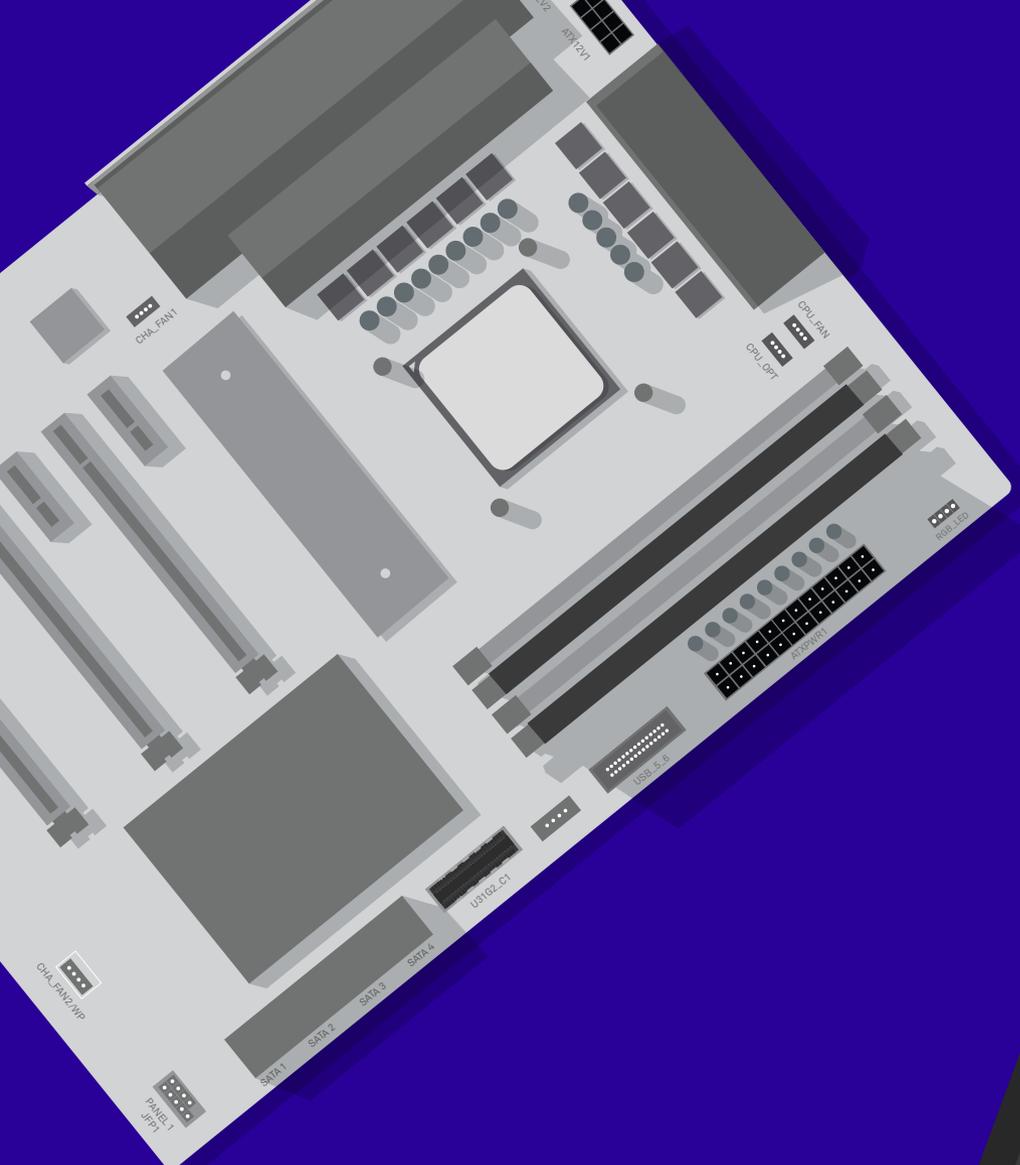
Secure the Nuts and Washers

Add the included washers and secure the nuts on top of the washers by screwing them in by hand until secure.



***You Will Resume Installing This
Cooler at a Later Stage in the Build***

*Keep track of and safely store away all provided screws
and materials that have not yet been used.*



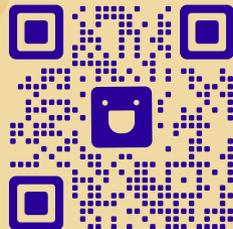
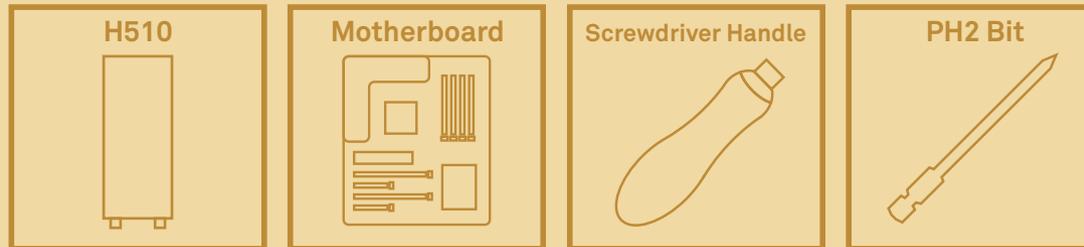
Level 5

Moving the Build into the PC

Having difficulty unboxing the H510 case? Ensure the carry handles are folded outward.



What You'll Need



Video Walkthrough

Don't worry if you get lost. Check out this step on video if you need more help!

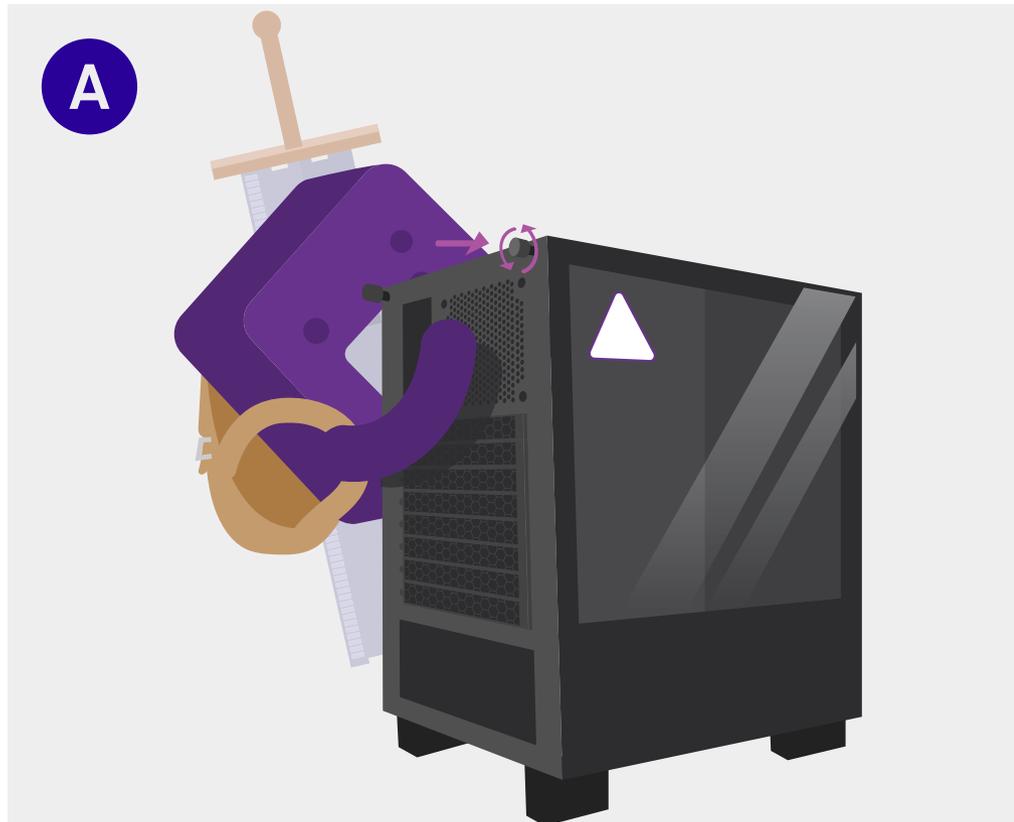


Discovery of the H510

We've reached a milestone! The next step of the adventure will be moving your build into your H510 case (**marked G**). Take the H510 out from its packaging, and have the motherboard on standby for the next step.



Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.



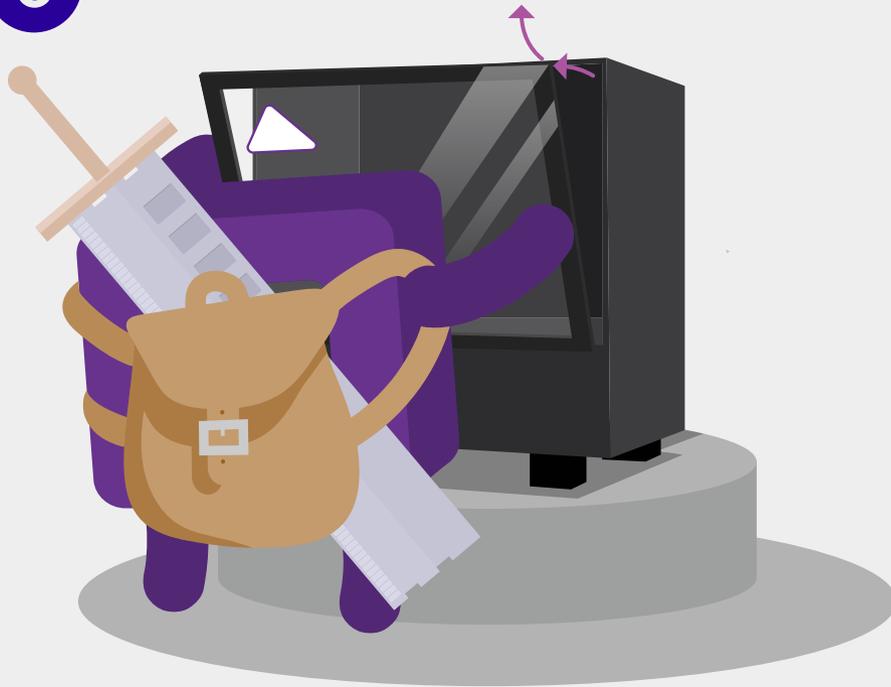
Unscrew the Glass Paneling

The thumb screw holding the glass panel is captive, meaning it won't come completely off the tab. Turn the screw until it wobbles in place.



Unclip the Glass Panel

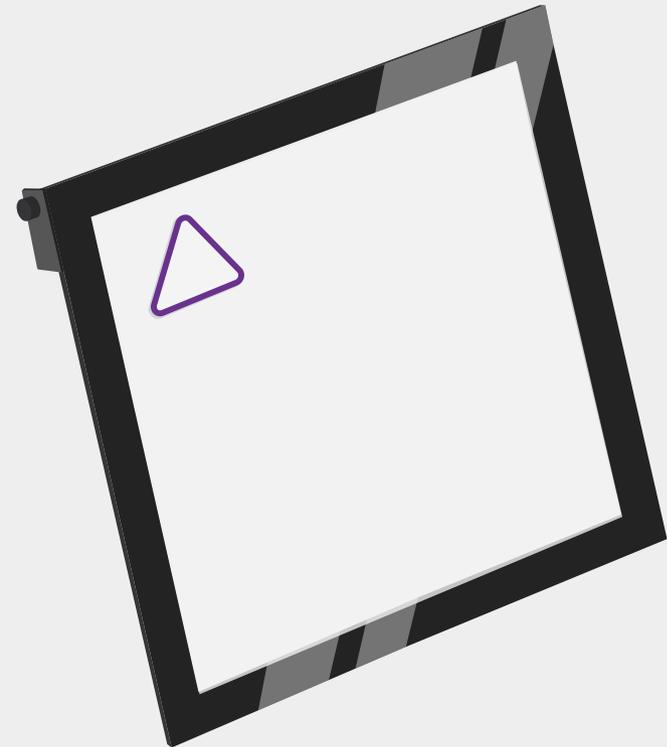
On the rear of the PC (where the panel was unscrewed) is a metal pull tab. Bracing the glass with one hand, pull on this tab. This may require some force.

C

Remove the Glass Panel

Use both hands when handling glass paneling.

Holding the glass, gently pull the top of the panel towards you, and then lift the panel upwards and out of the way.

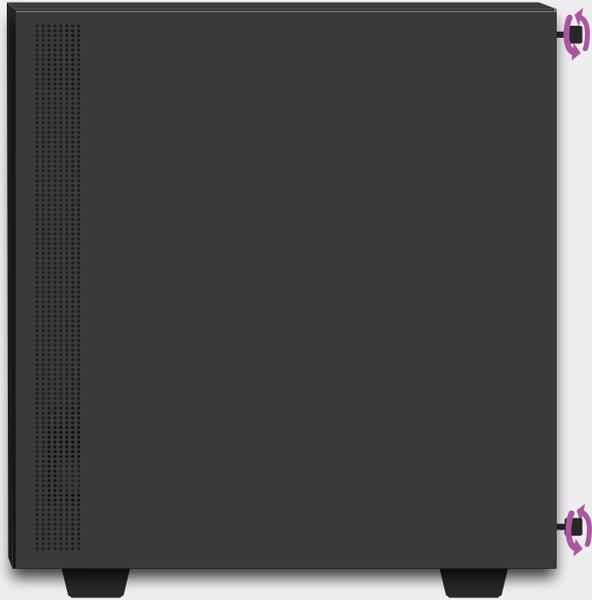
D

Put the Panel Away Gently

The panel is fragile glass, so be sure to place the panel down gently in a safe place where it will not be damaged.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

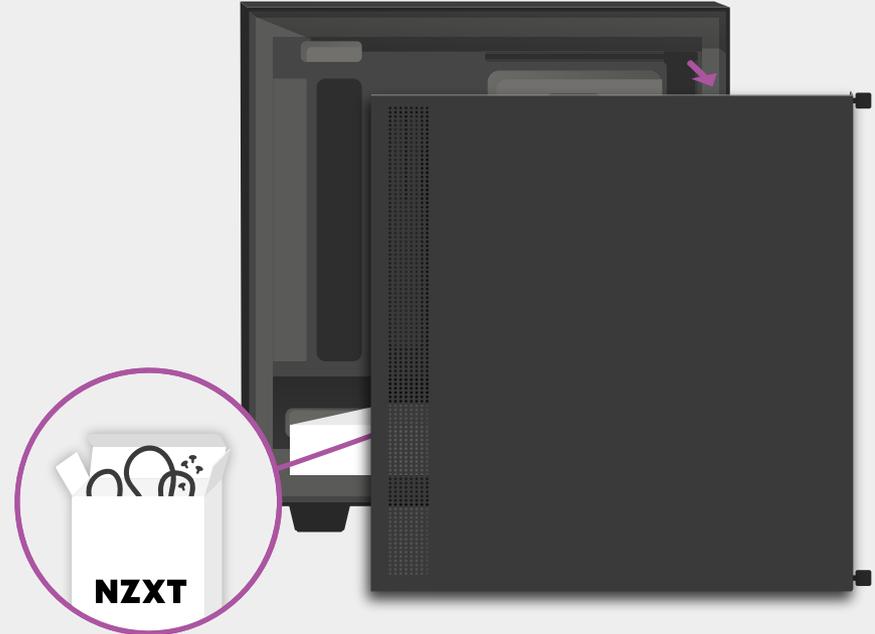
E



Unscrew the Rear Paneling

Unscrew the captive screws holding the rear panel in place located at the back of the case.

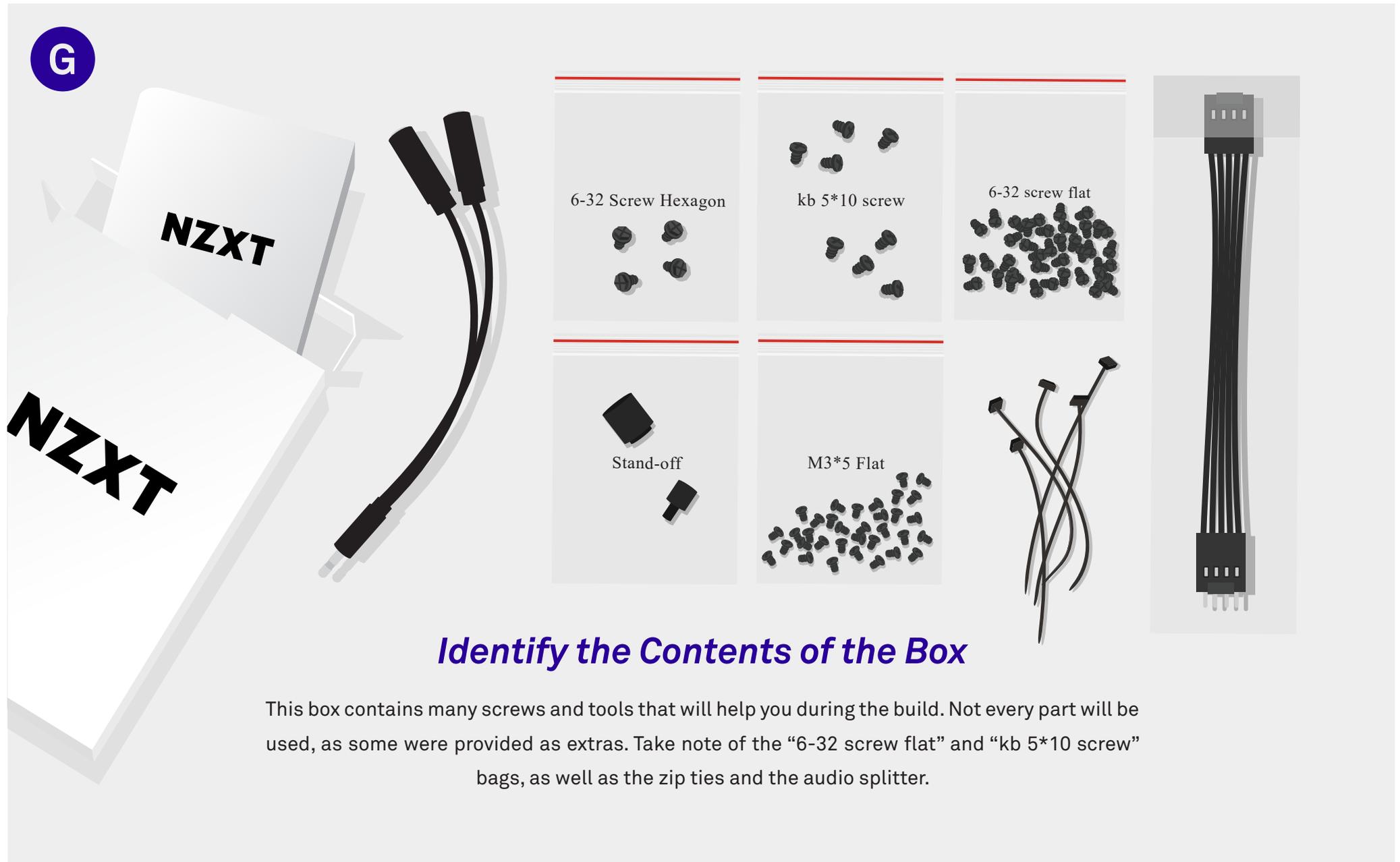
F



Remove the Rear Panel

Remove the rear panel from the PC. In one of the compartments you will find an included box of parts necessary to continue building your PC.

G



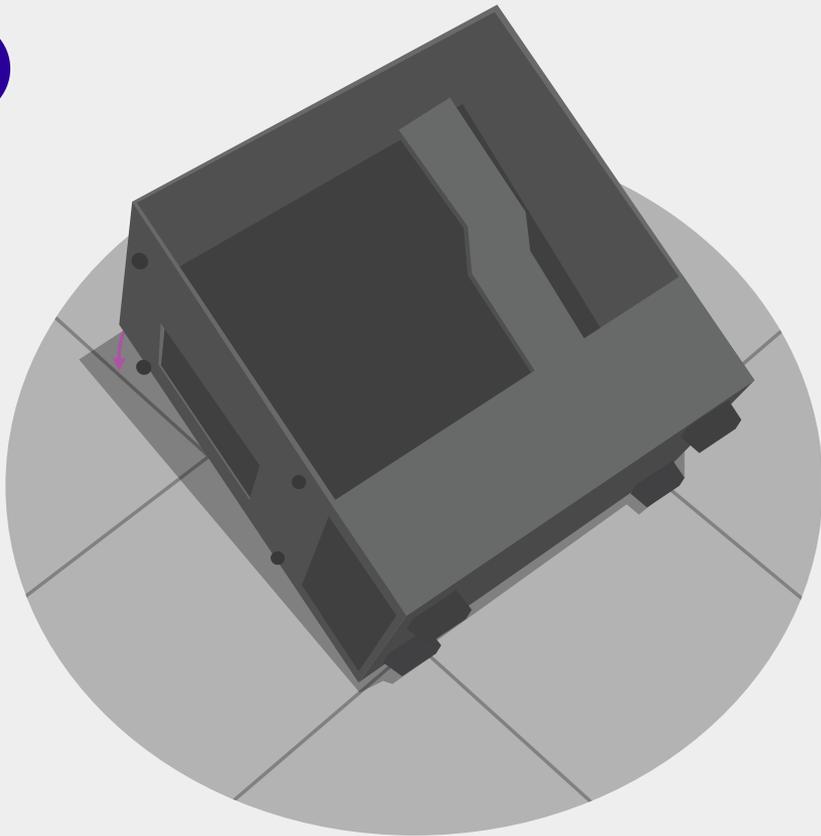
The image displays the contents of an NZXT PC case. On the left is the white NZXT case with the brand name visible. To its right are several bags of hardware: '6-32 Screw Hexagon', 'kb 5*10 screw', '6-32 screw flat', 'Stand-off', and 'M3*5 Flat'. There are also several black zip ties and a black audio splitter cable with four ports on each end.

Identify the Contents of the Box

This box contains many screws and tools that will help you during the build. Not every part will be used, as some were provided as extras. Take note of the “6-32 screw flat” and “kb 5*10 screw” bags, as well as the zip ties and the audio splitter.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

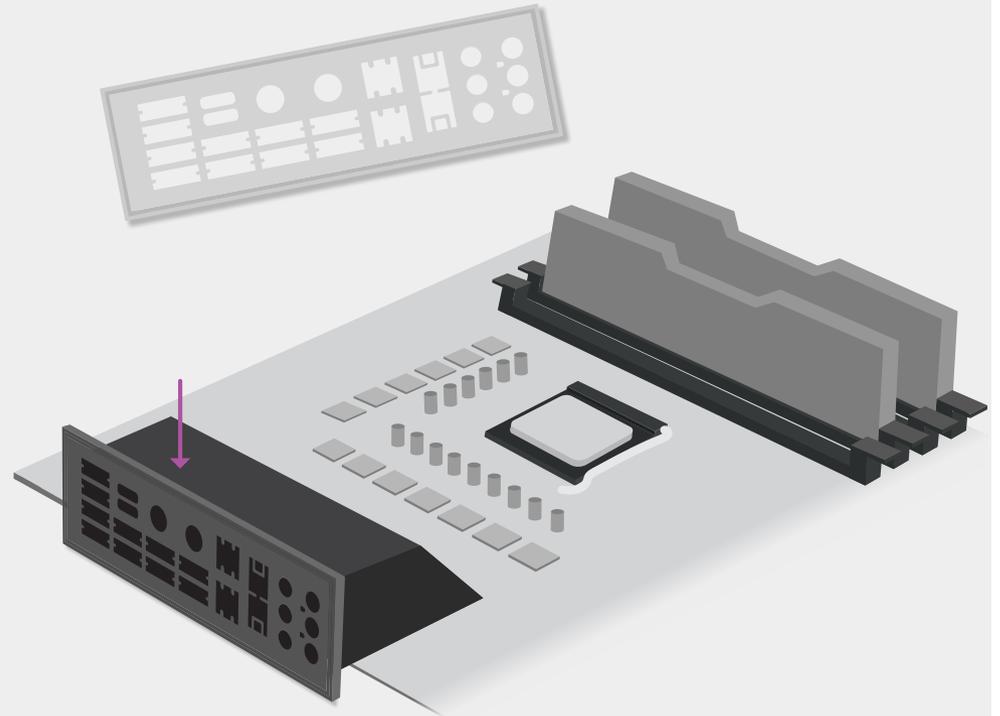
H



Place the PC

Now is a good time to place the PC on its side. Place it down gently, with the open interior facing upwards.

I

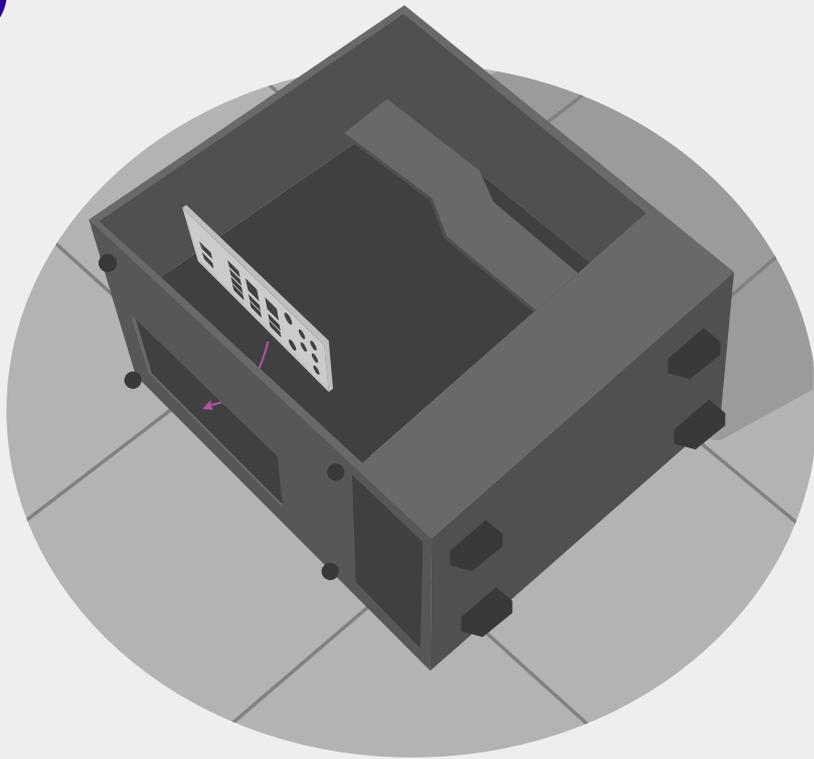


Identify the IO Shield

If pre-attached, skip to page 68.

A metallic IO shield will be provided with your motherboard. In many cases it may be pre-attached to the motherboard already, though often it is provided as a separate piece.

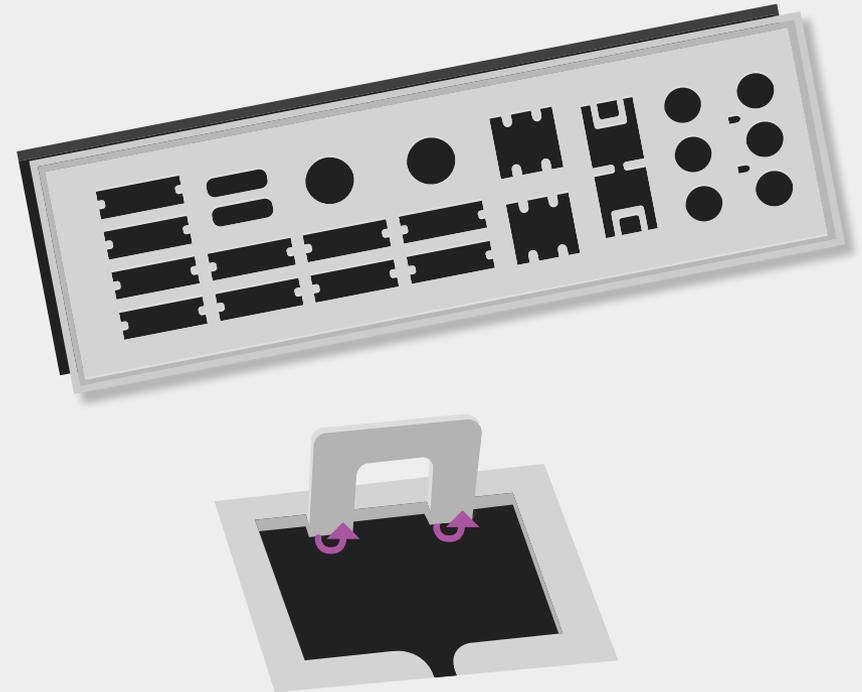
J



Insert the IO Shield

If your IO shield was provided separately, put the metallic IO shield into the rectangular opening in the back of the PC, shiny side facing inwards.

K



Fit the IO Shield

Caution: Some of the metal edges are sharp.

Match the orientation of the IO cutouts to your motherboard. Press firmly on all 4 corners of the IO shield until it “pops” in. Don't be afraid to bend the metal to better fit the ports.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

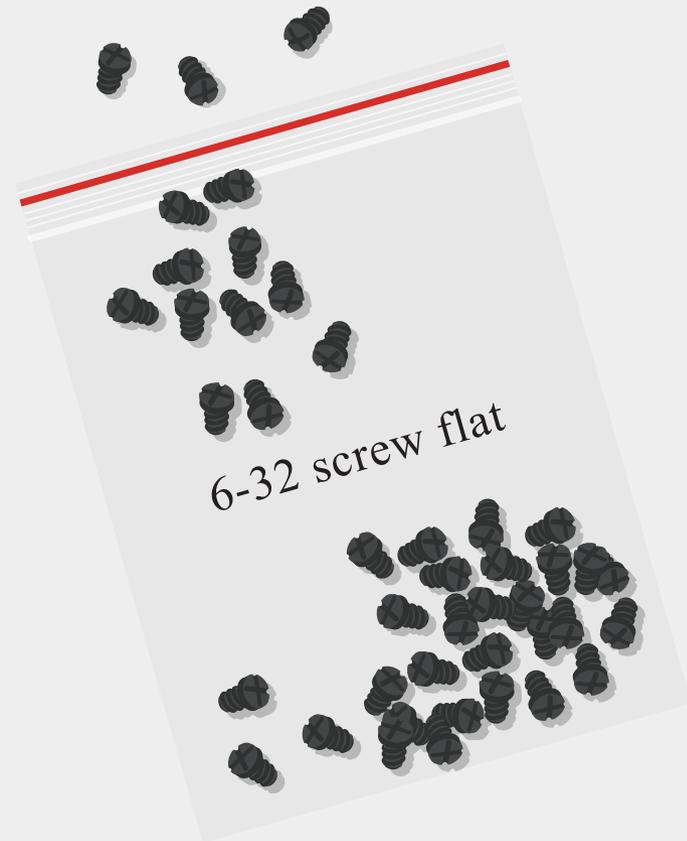
L



Place the Motherboard

Place your motherboard into the PC case angled toward the IO shield. Align the ports on the motherboard with the holes of the rear IO so that they fit together.

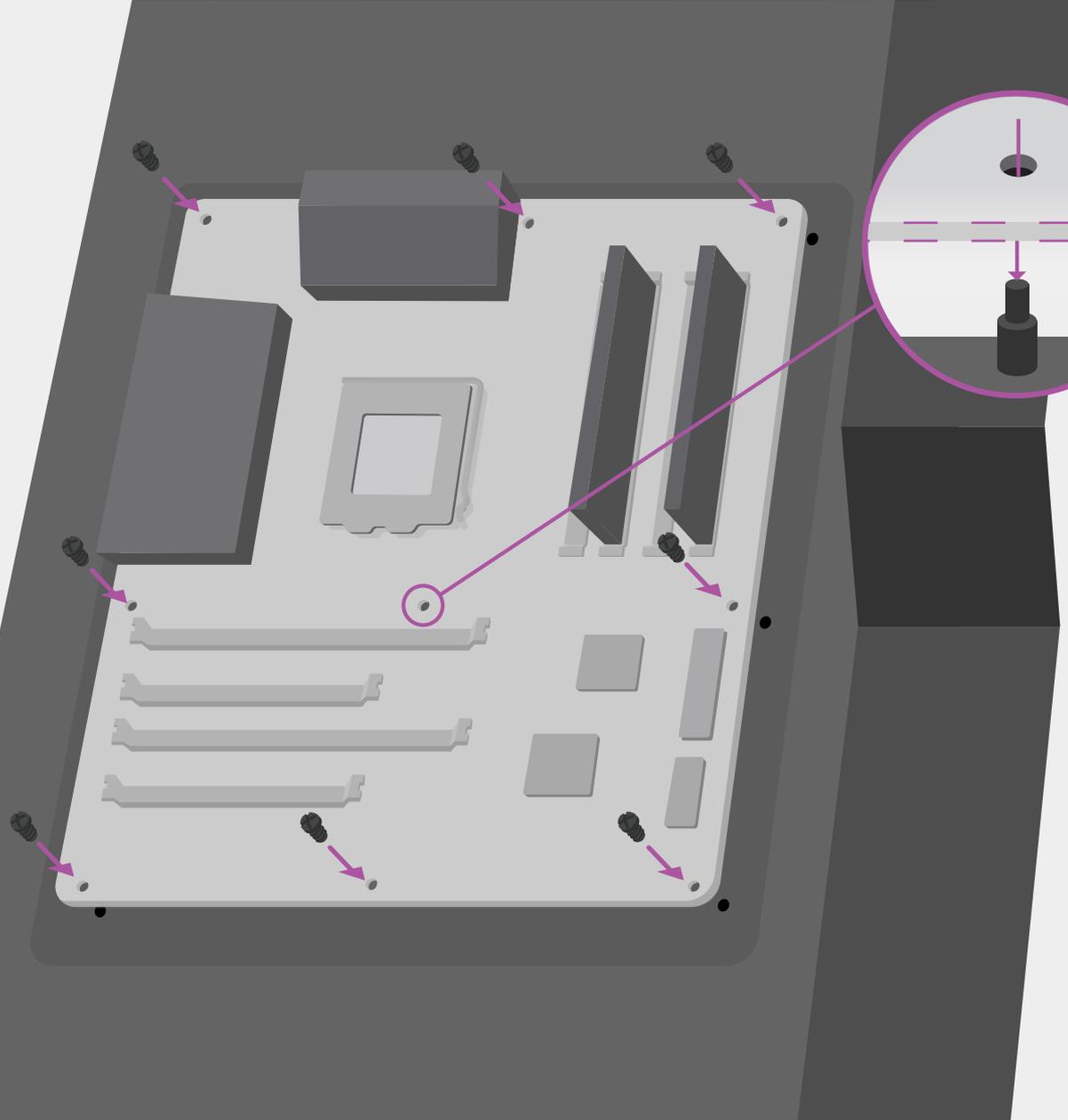
M



Find 6-32 Screw Flat Baggie

In the white NZXT box, find the baggie of 6-32 flat screws. Inside you'll find many screws with a rounded top.

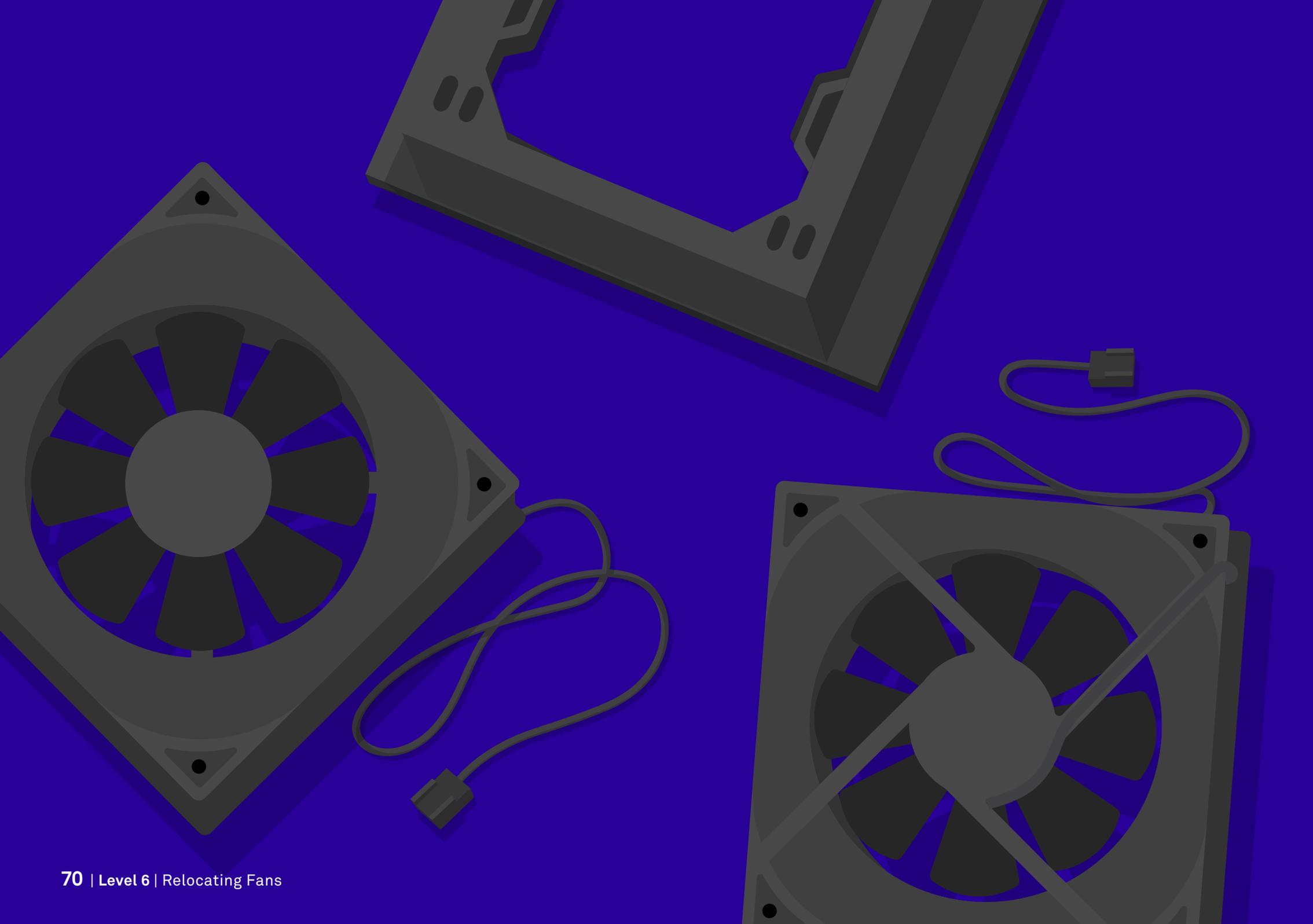
N



Secure the Motherboard

Align the metal standoff in the case with the middle screw hole on the motherboard.

Align your motherboard with the middle standoff in the case — the screw holes of the motherboard should align with those inside the case. Using the PH2 bit, fasten the motherboard to the inside of the case using the round **6-32 flat screws** found in the white box on **step G**. Depending on your board, some screw holes may not be used.



Level 6

Relocating Fans



What You'll Need



Choose Your Path: Air Cooler

You've come to another fork in the road. If you have an **air cooler** (marked **F**), skip pages 74-81, and proceed directly to **page 82**.

**Air Cooler Builds
Skip to Page 82**

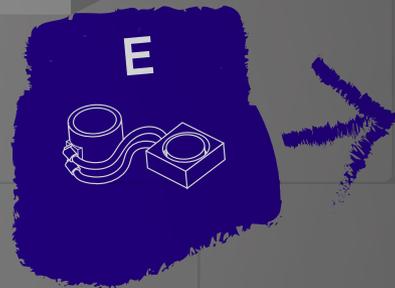
F



Choose Your Path: AIO Cooler

You've arrived at a divergant path.
If you have an **AIO cooler** (marked
E), continue normally, and **skip**
pages 82-89.

AIO Cooler Builds
Proceed Normally





NZXT

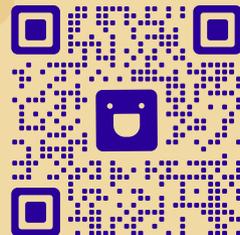
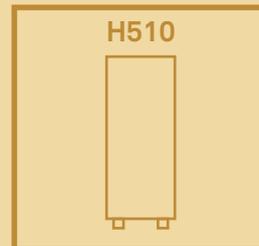
*Skip to page 82
if you have an Air Cooler (F)*

Level 6A

Relocating Fans: AIO Build



What You'll Need

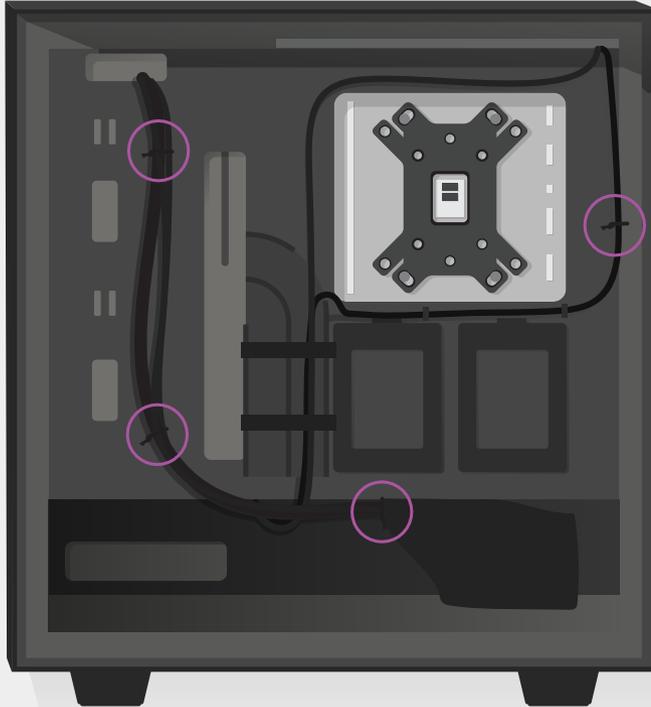


Video Walkthrough

If you get lost relocating the fans, we have you covered. Check out this step on video if you need more help!

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

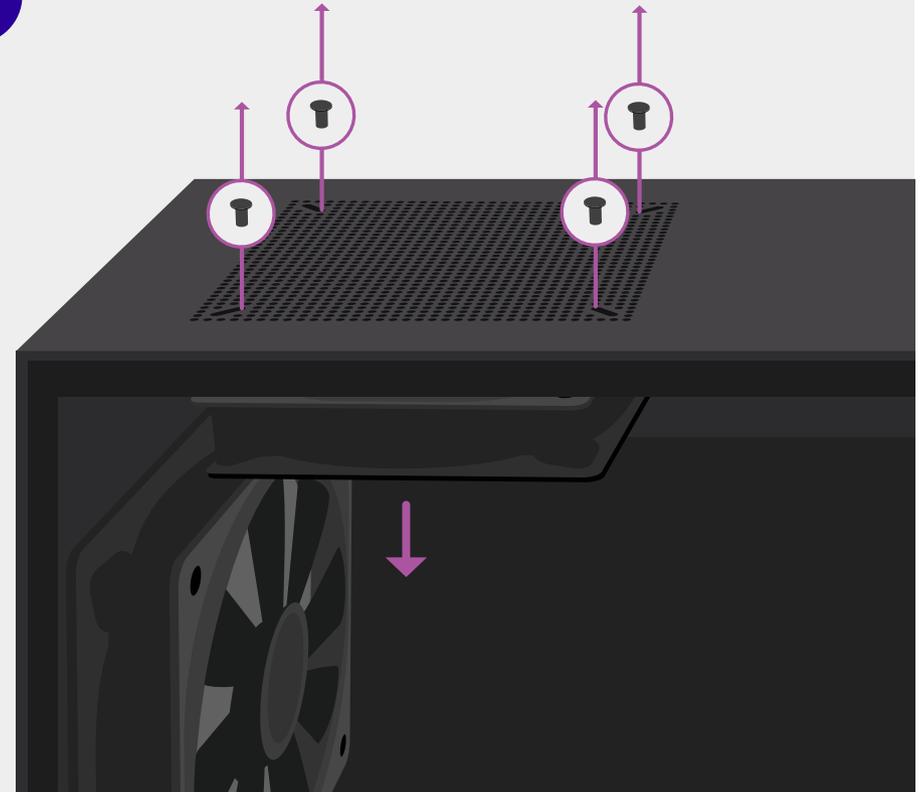
A



Remove the Plastic Twist Ties

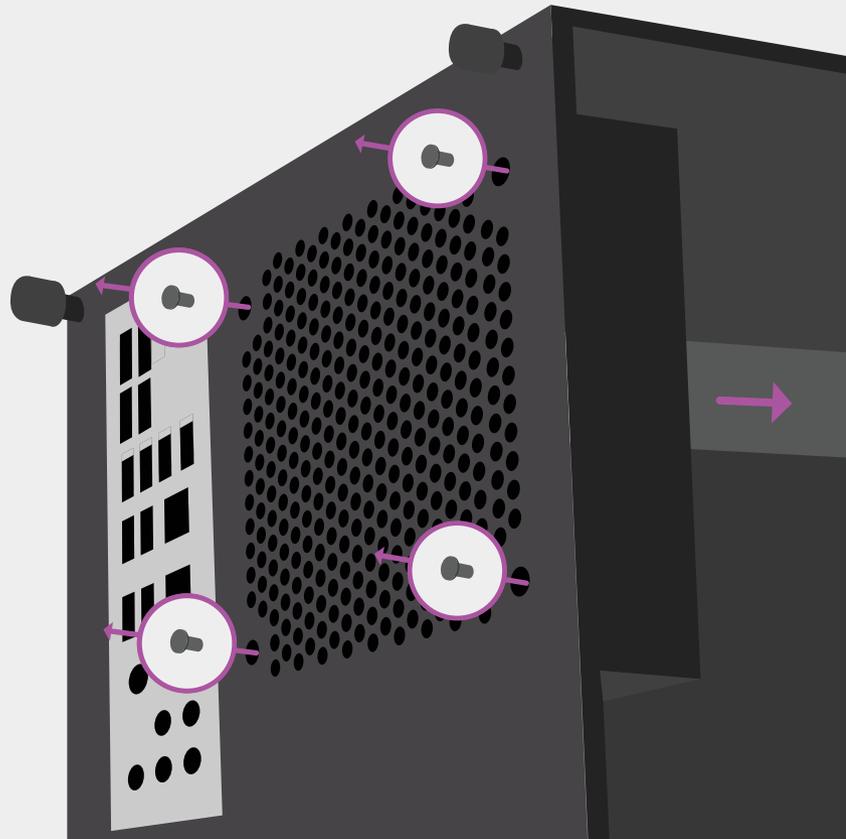
There should be 4 twist ties holding the wires in the back of the case. Remove them by cutting or untwisting them.

B



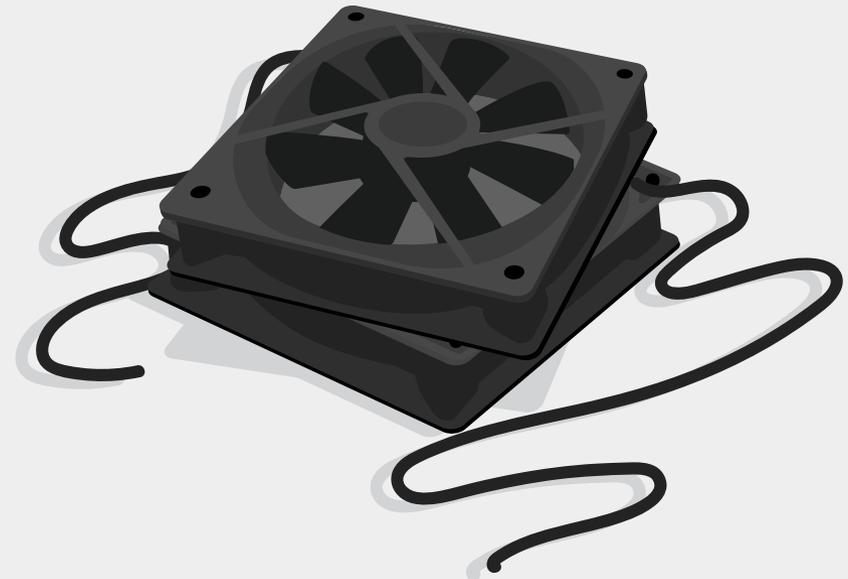
Unscrew the Top Fan

While holding onto the top fan, remove the four kb 5*10 screws that hold the top fan to the case. Gently lower the fan and pull the wire through the case opening before setting it aside.

C

Unscrew the Rear Fan

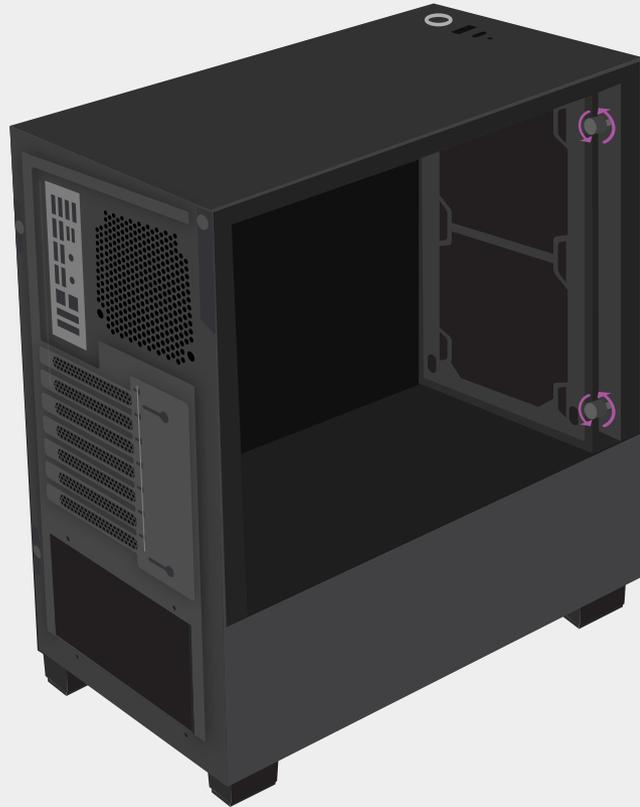
Holding onto the rear fan, remove the four kb 5*10 screws that hold the rear fan to the case. Gently remove the fan and pull the wire through the case opening before setting it aside.

D

Set Aside the Fans

The fans you just removed will be reinstalled to the front of the PC case on step H. Set them aside, but keep them close.

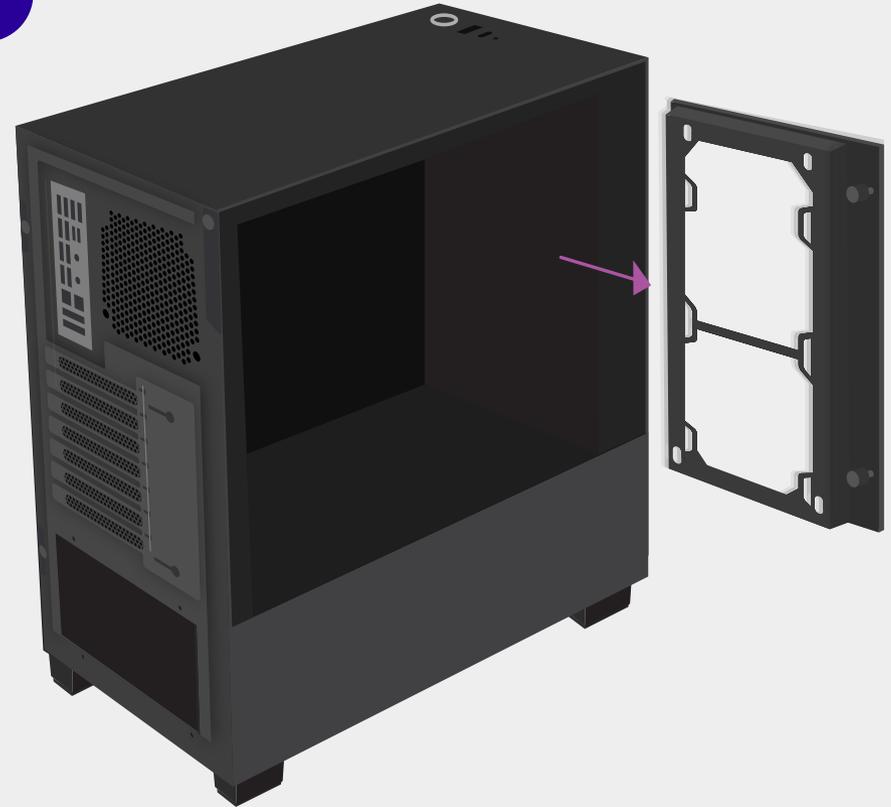
E



Unscrew the Fan Bracket

Unscrew the two thumb screws holding the fan bracket at the front interior of the PC.

F



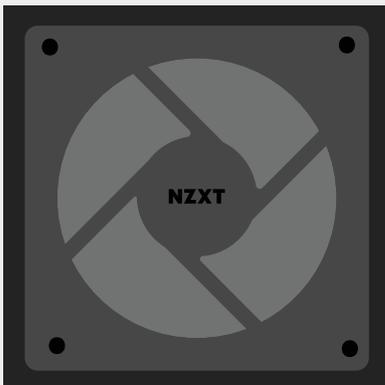
Remove the Fan Bracket

Remove the fan bracket from the PC as pictured above.

G

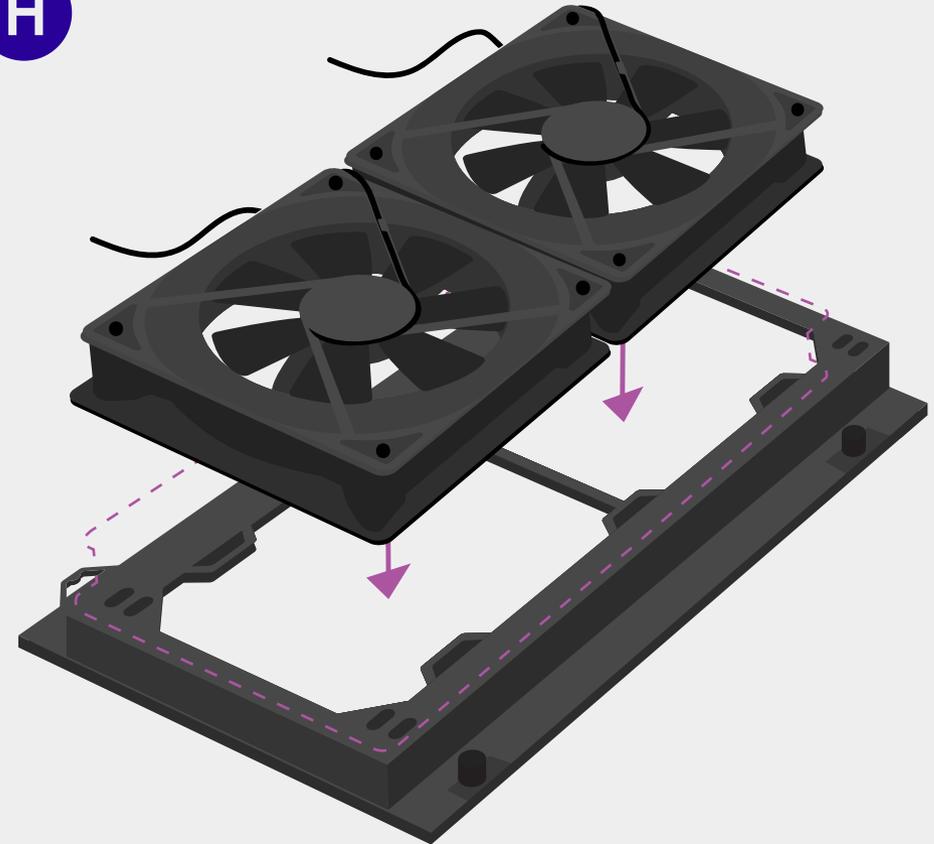


Fan blades pointed outwards, no guard showing.



Fan blades pointed inwards, "X" shaped guard showing.

H



Place Fans onto Bracket

Place the 2 fans onto the fan bracket, "X" shaped guard showing. Position the fans towards the bottom of the fan bracket with wires pointing to the left.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

I

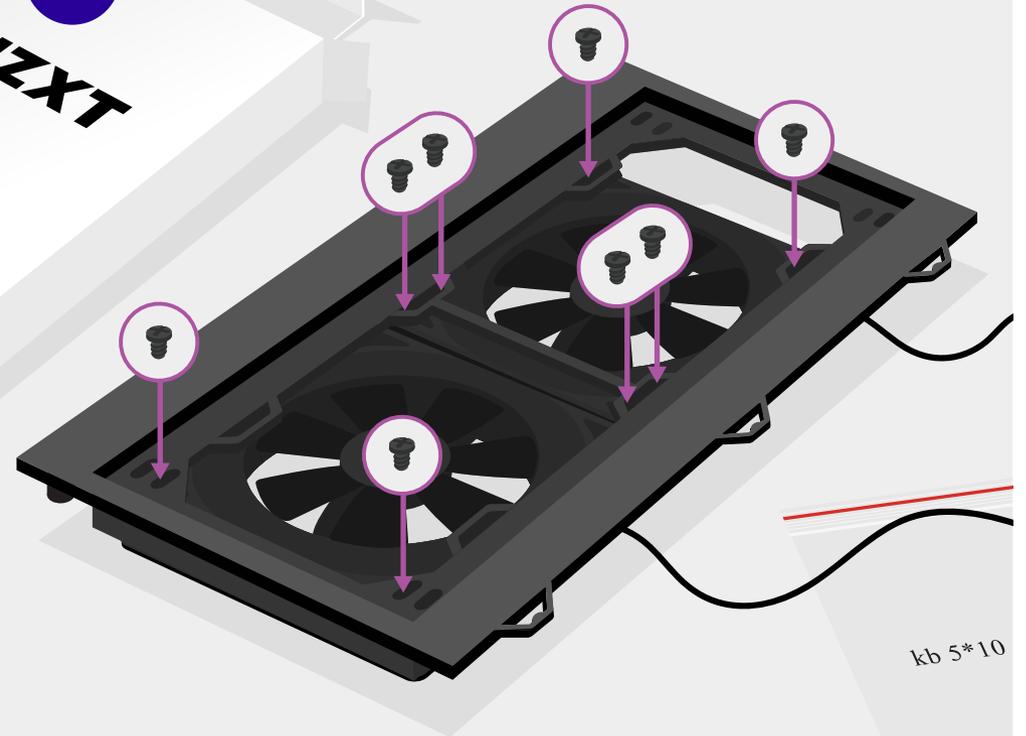


Flip the Bracket

Flip the bracket with the fans over, maintaining their position relative to the bracket.

J

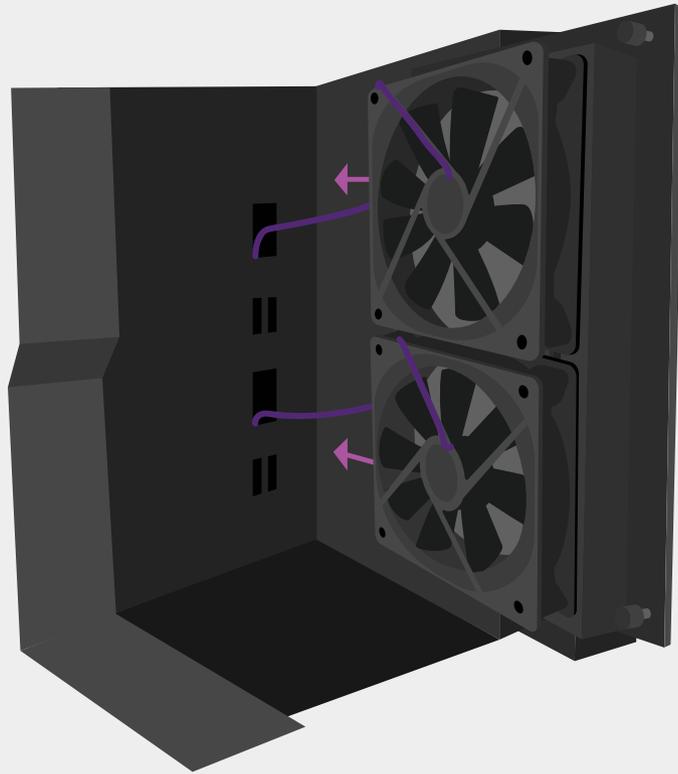
NZXT



Screw Fans into the Bracket

Screw the case fans into the bracket using the provided kb 5*10 screws. Extras can be found in the white box labeled “NZXT” that came with your H510. From this angle, the fan cables will now be on the right side of the bracket.

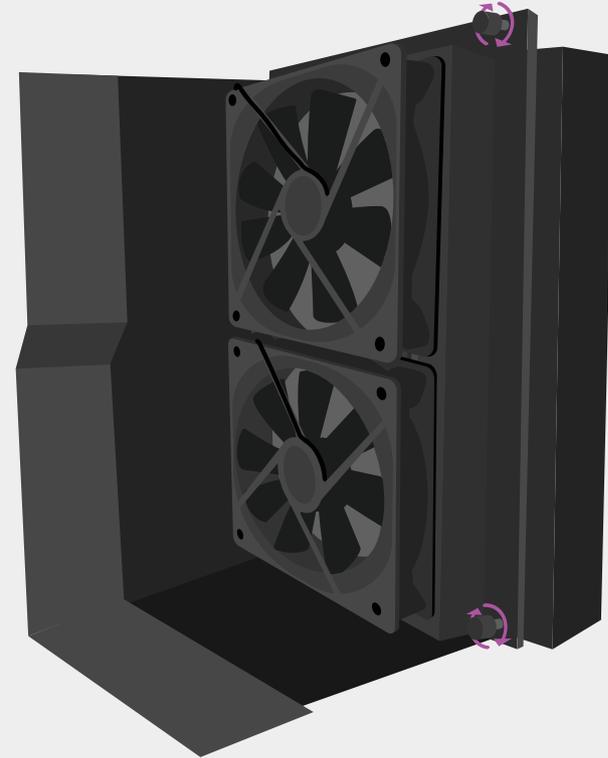
K



Slide in the Fan Bracket

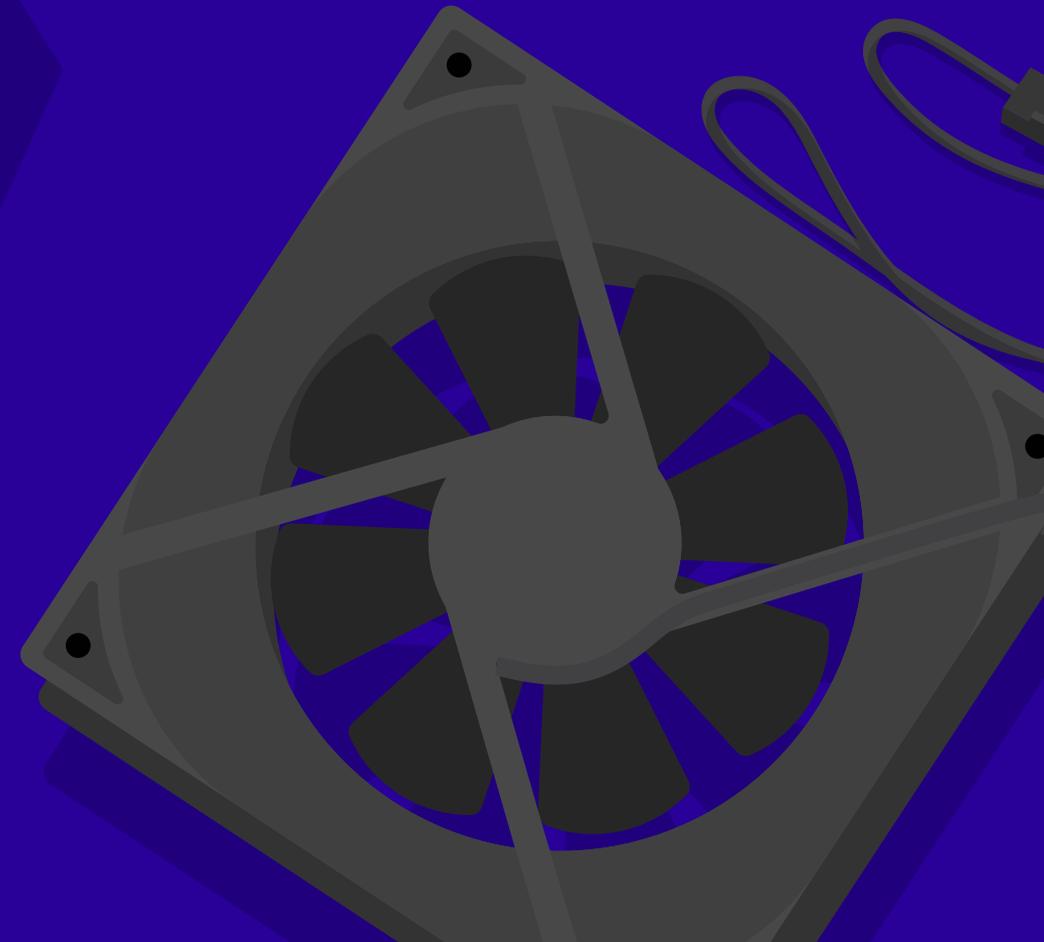
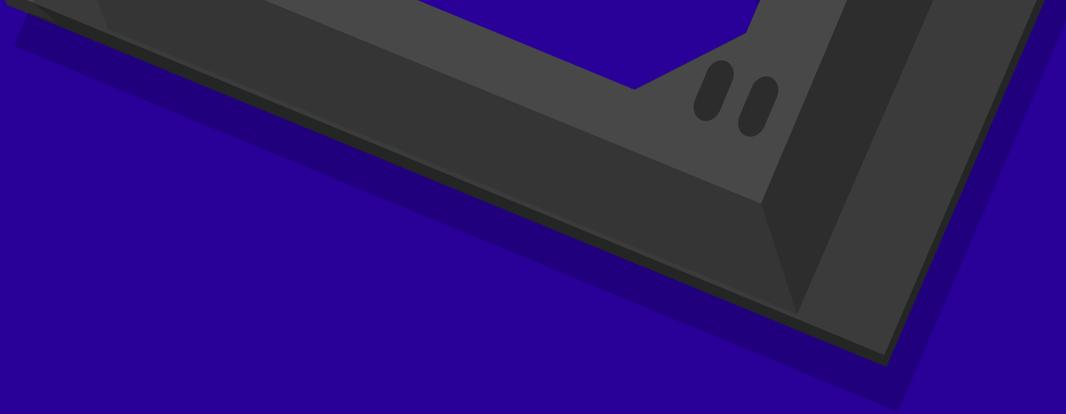
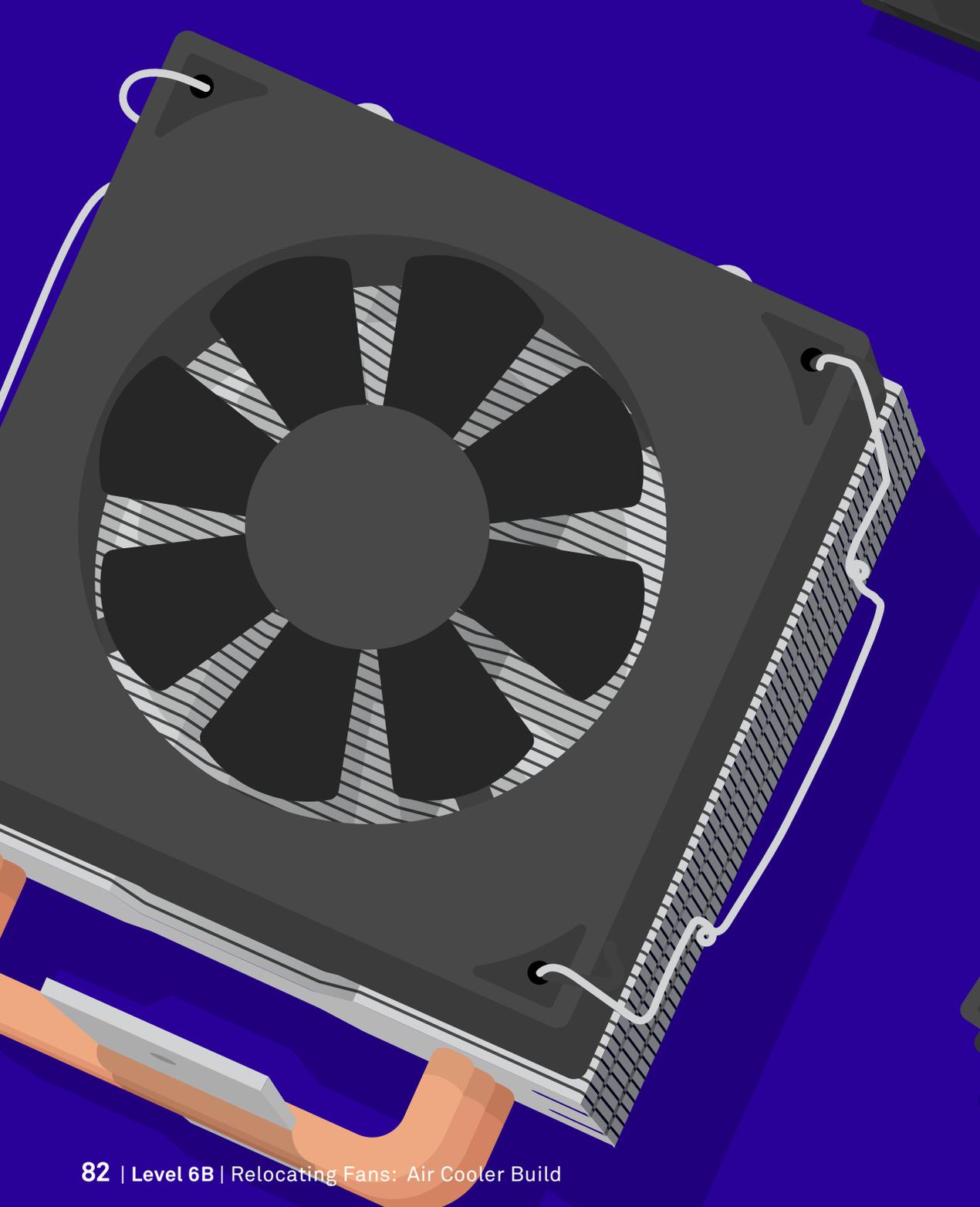
Running the fan cables through the 2 large case openings, slide the fans into the PC with “X” shaped guard showing.

L



Reattach the Fan Bracket

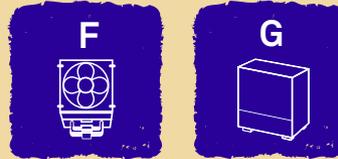
Attach the bracket back onto the front interior of the PC using the two thumbscrews.



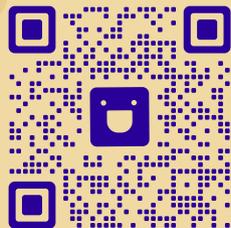
*Skip to page 90
if you have an AIO Cooler (E)*

Level 6B

Relocating Fans: Air Cooler Build



What You'll Need

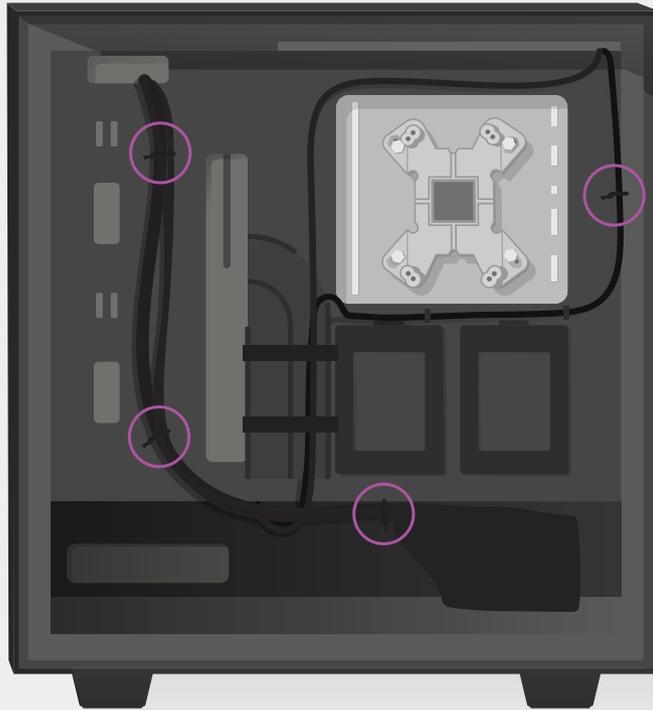


Video Walkthrough

If you get lost relocating the fans, we have you covered. Check out this step on video if you need more help!

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

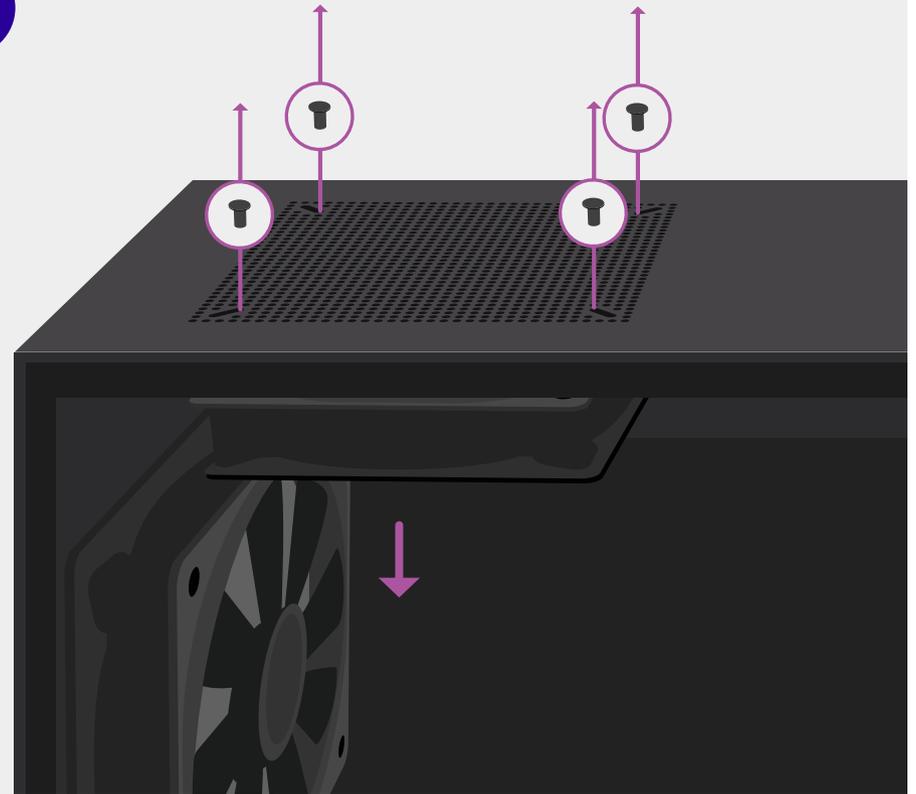
A



Remove the Plastic Twist Ties

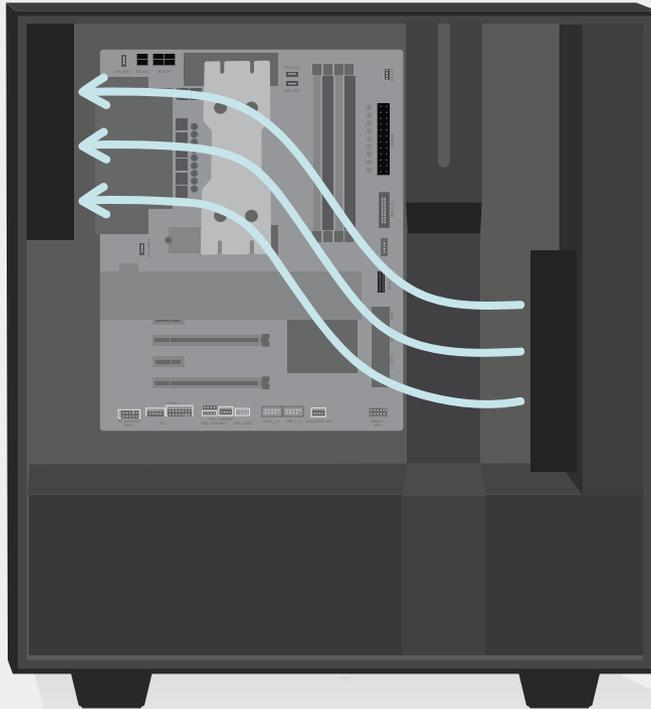
There should be 4 twist ties holding the wires in the back of the case. Remove them by cutting or untwisting them.

B



Unscrew the Top Fan

Holding the top fan, remove the four kb 5*10 screws holding the top fan to the case. Gently lower the fan and pull the wire through the case opening before setting it aside.

C

Keep Rear Fan Untouched

Keep the rear fan untouched. When we move the top fan to the front, air will move over the parts and out the back.

D

Need Help?
See pages 6-7



Set Aside the Fan

The fan you removed will be reinstalled to the front of the PC case on step H. Set it aside, but keep it close.

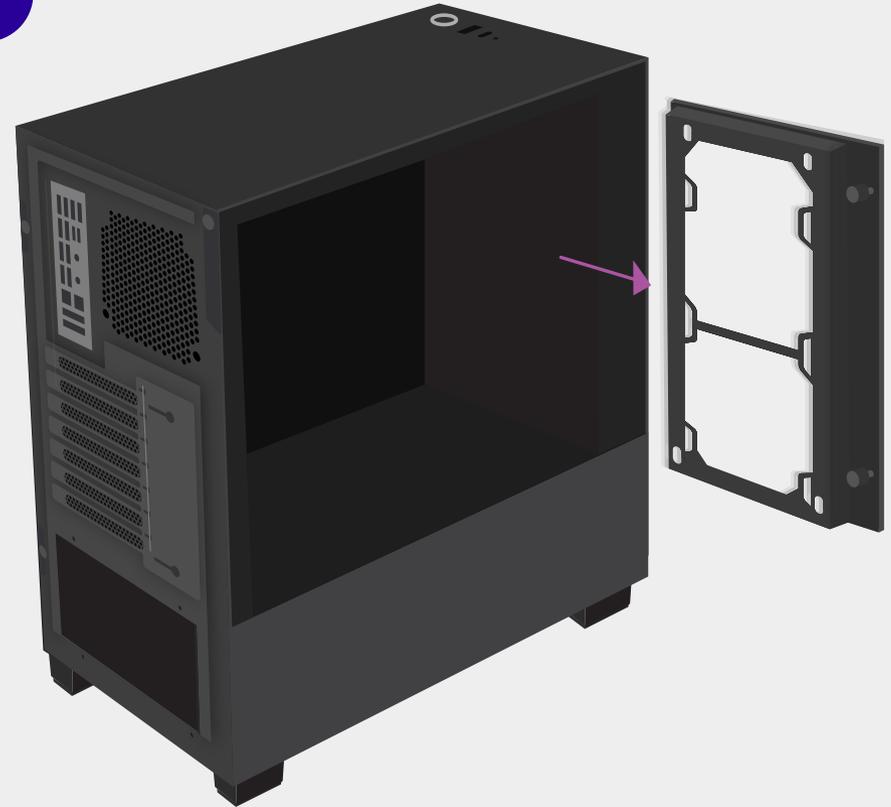
E



Unscrew the Fan Bracket

Unscrew the two thumb screws holding the fan bracket at the front interior of the PC.

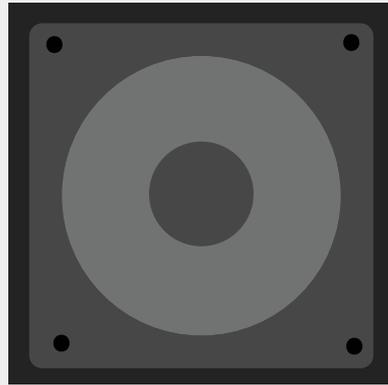
F



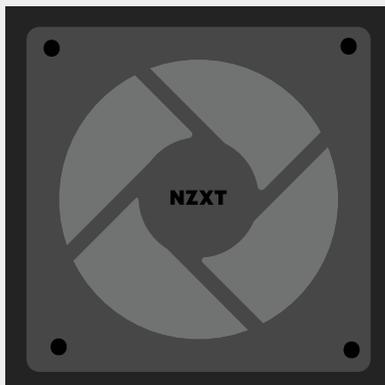
Remove the Fan Bracket

Remove the fan bracket from the PC as shown above.

G

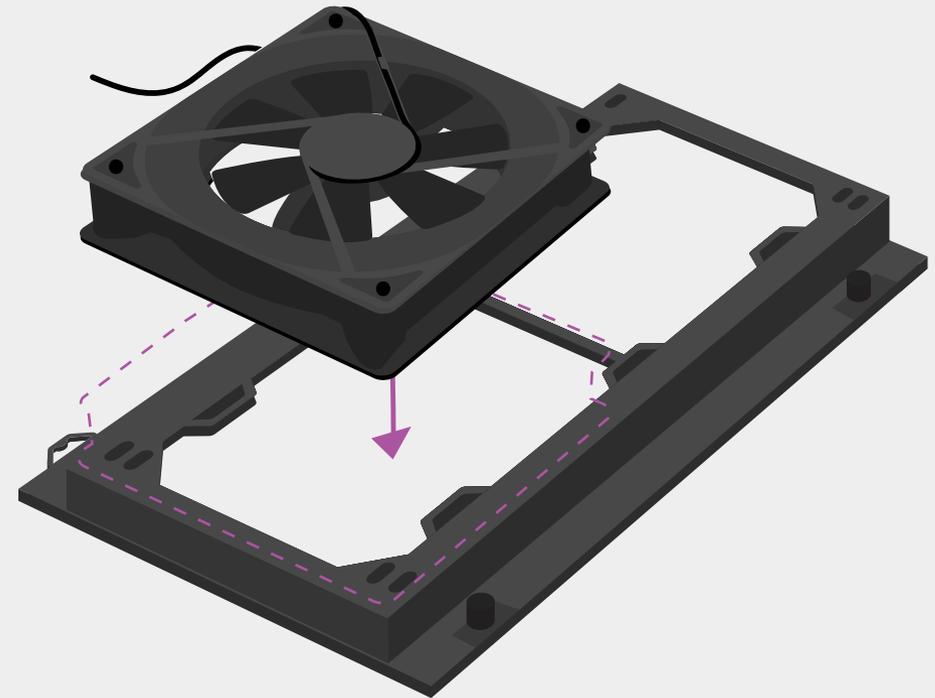


Fan blades pointed outwards, no guard showing.



Fan blades pointed inwards, "X" shaped guard showing.

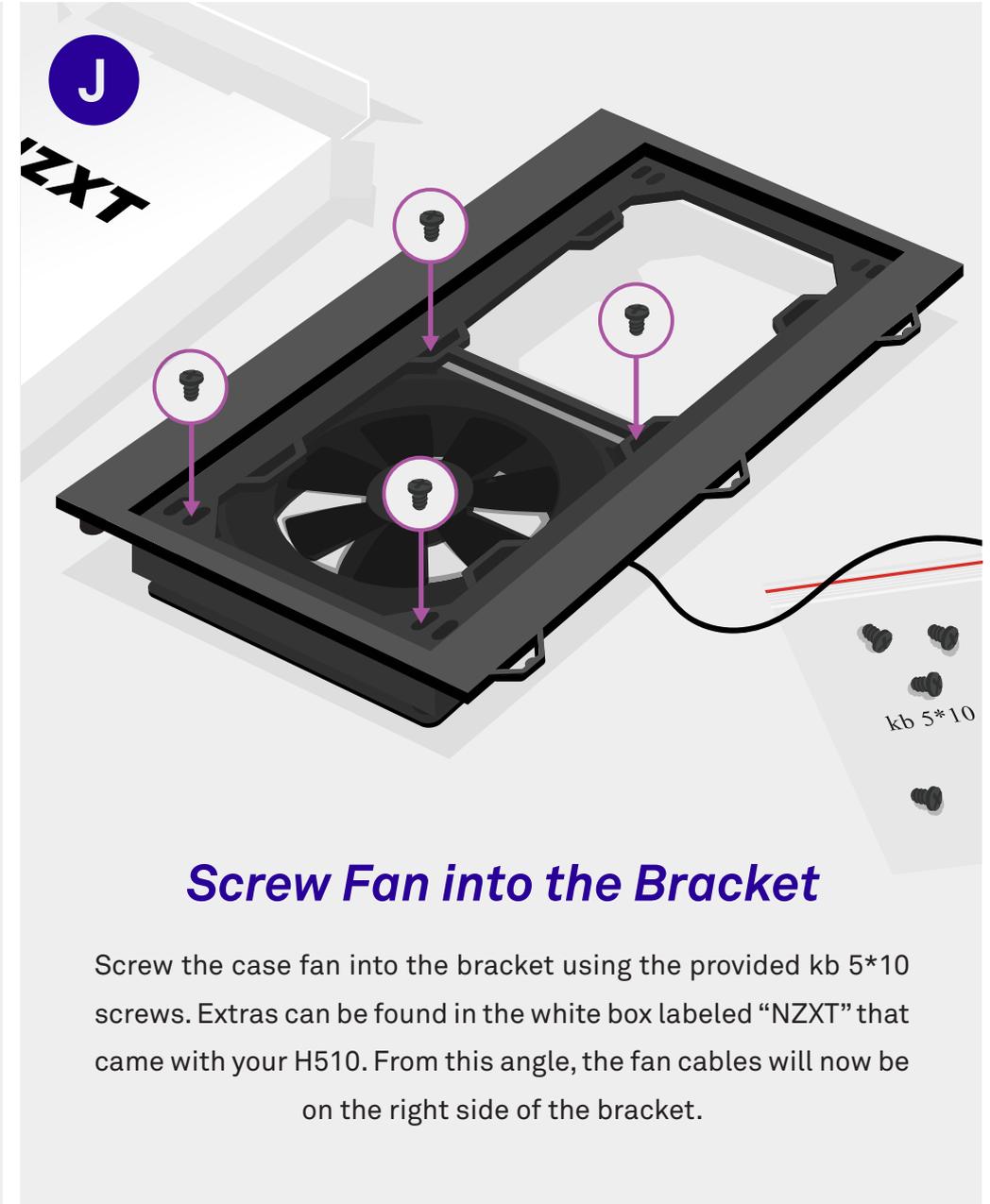
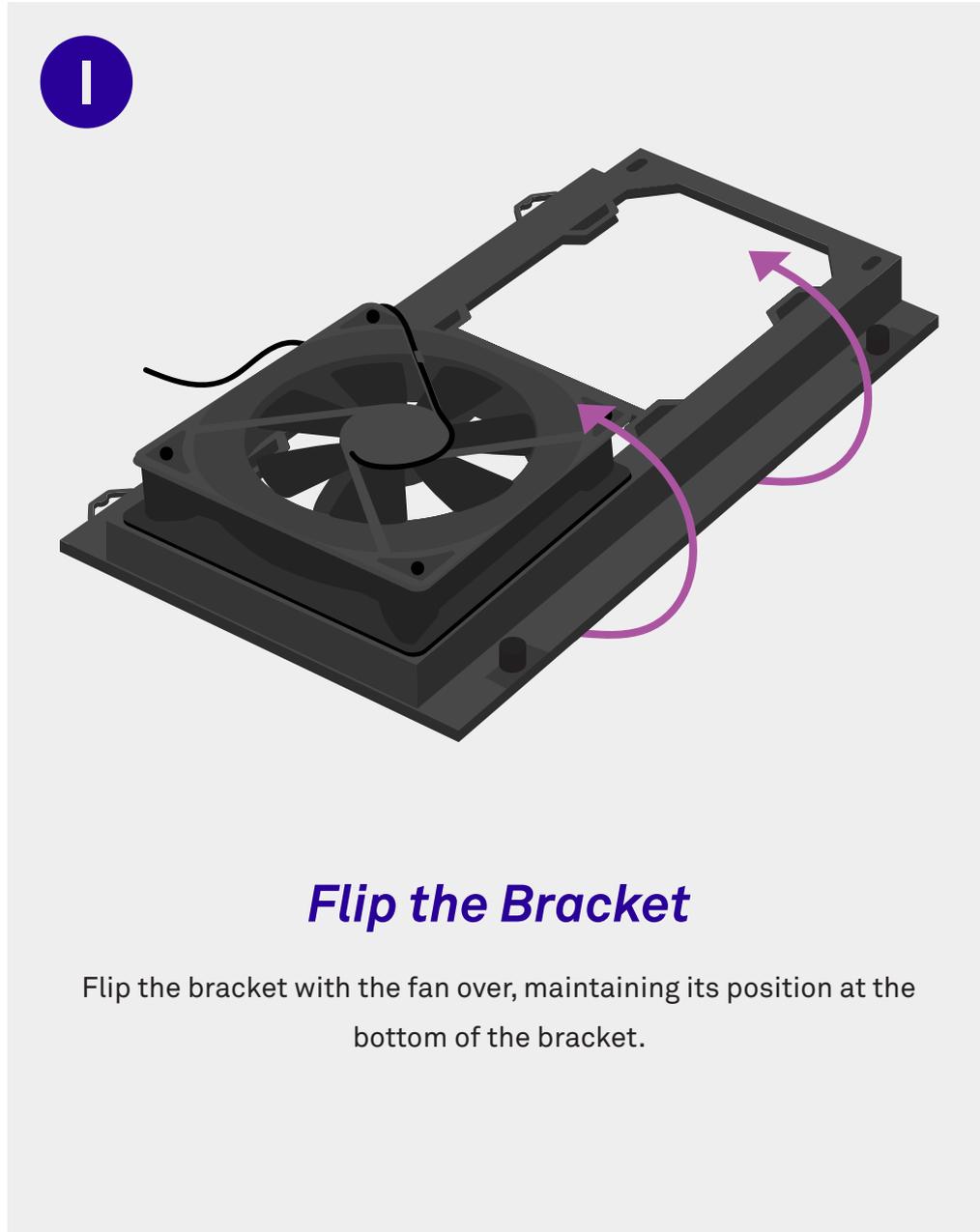
H



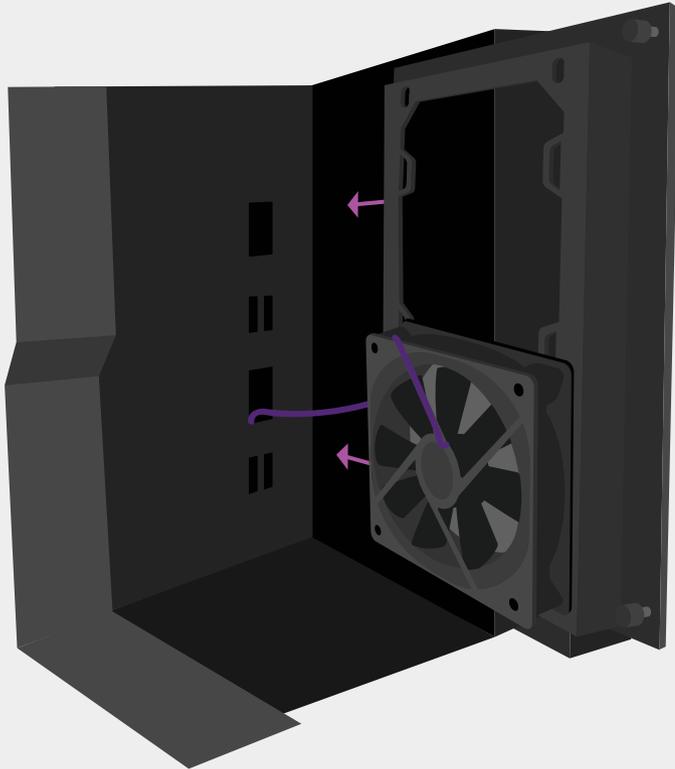
Place Fan onto Bracket

Place the fan onto the fan bracket, with the "X" shaped guard showing. Position the fan towards the bottom of the bracket with its wire pointing to the left.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.



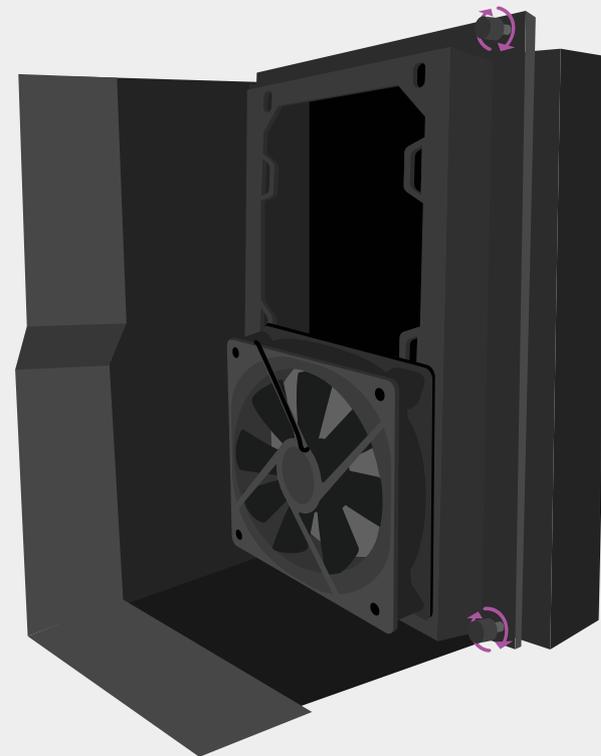
K



Slide in the Fan Bracket

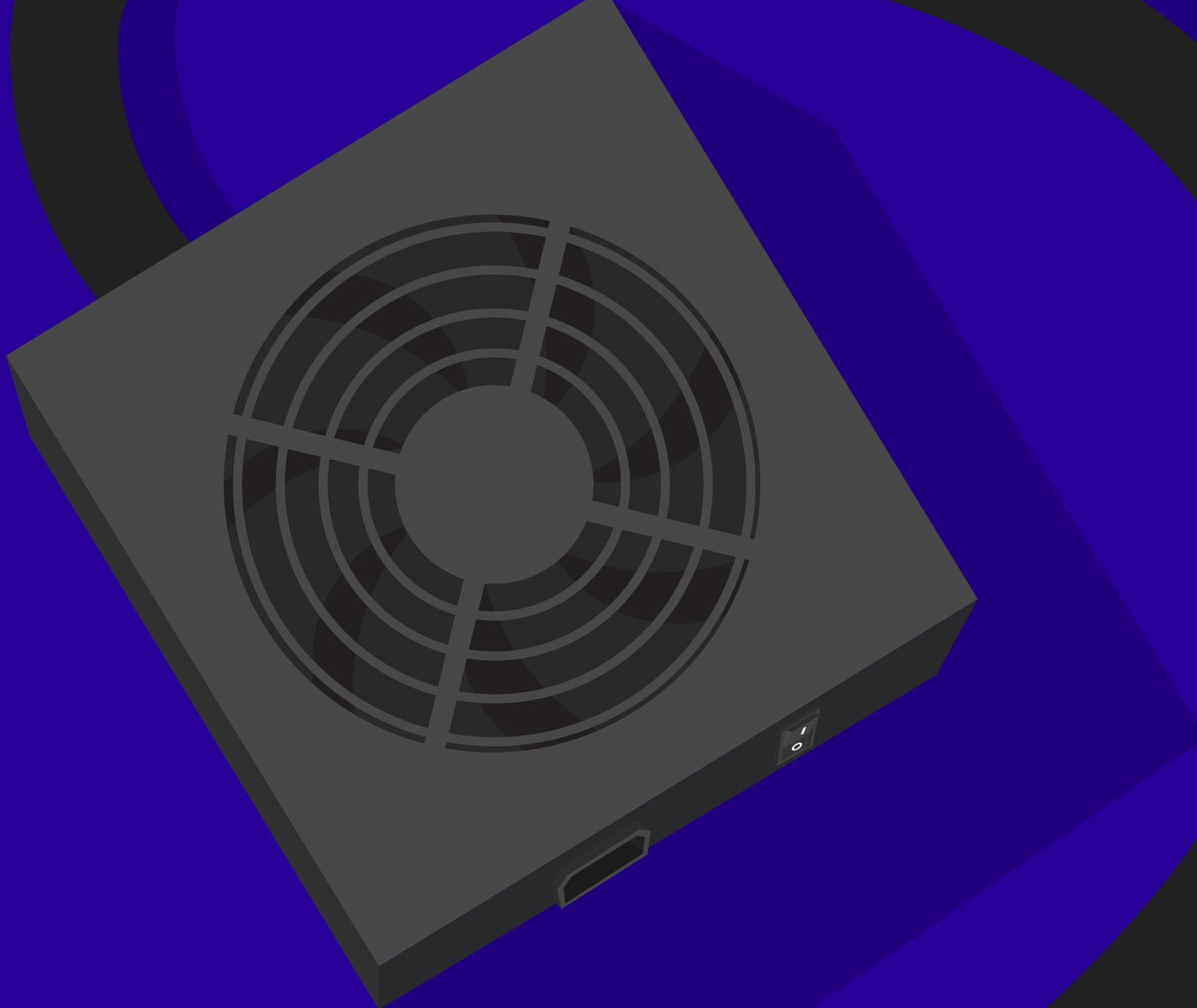
Running the fan cable through the larger case hole, slide the fan into the PC with “X” shaped guard showing.

L



Reattach the Fan Bracket

Attach the bracket back onto the front interior of the PC using the two thumbscrews.



Level 7

Installing the PSU



What You'll Need



Video Walkthrough

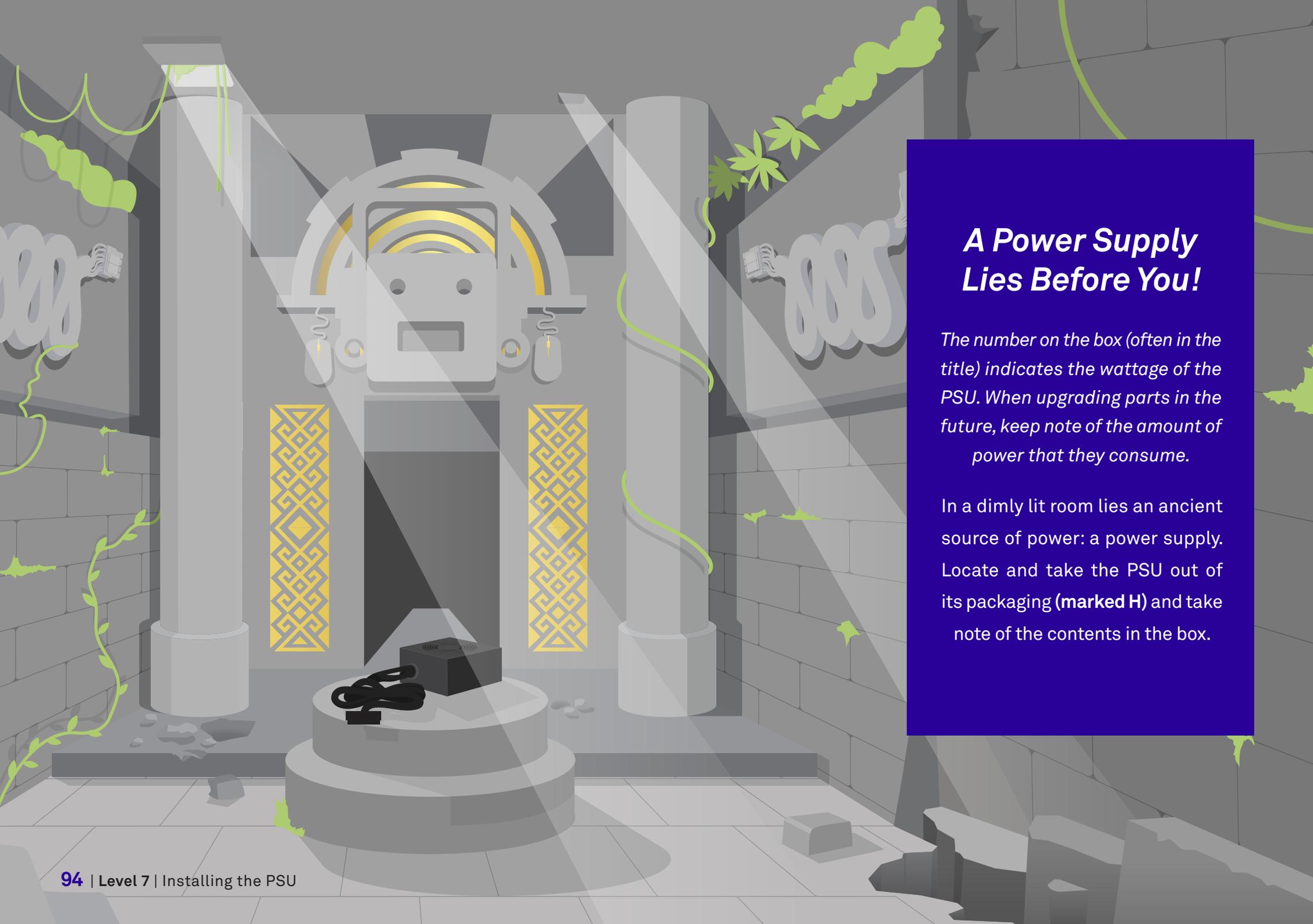
Navigating the different power supply models can get confusing. Check out this step in the video if you need more help!





We Venture Deeper

With multiple ancient treasures already discovered, we have to venture deeper into the ancient temple of Machu-Pucci for its most coveted treasure. A hall full of ancient visages leads us to a room of great power.



A Power Supply Lies Before You!

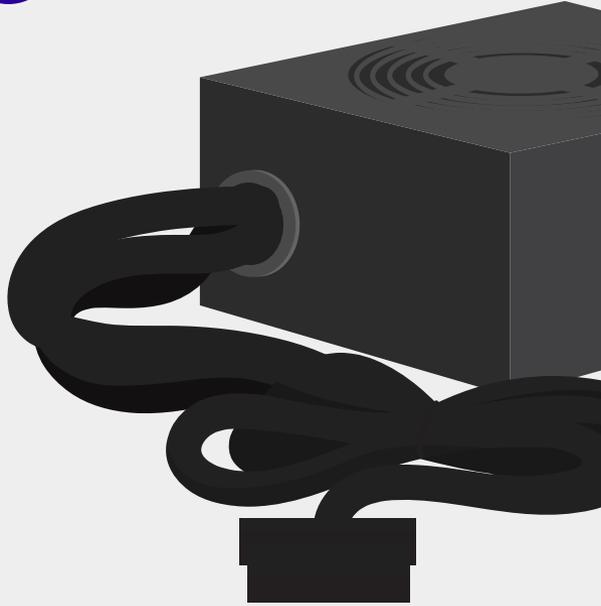
The number on the box (often in the title) indicates the wattage of the PSU. When upgrading parts in the future, keep note of the amount of power that they consume.

In a dimly lit room lies an ancient source of power: a power supply. Locate and take the PSU out of its packaging (**marked H**) and take note of the contents in the box.



Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

A



Non-modular

Skip to page 99.

Non modular PSUs come with all of the cables pre-attached to the unit. You can skip to page 99.

B



Semi-modular

Semi-modular PSUs come with only some cables pre-attached to the unit. Most often these are the 24-pin and 8-pin power cables.

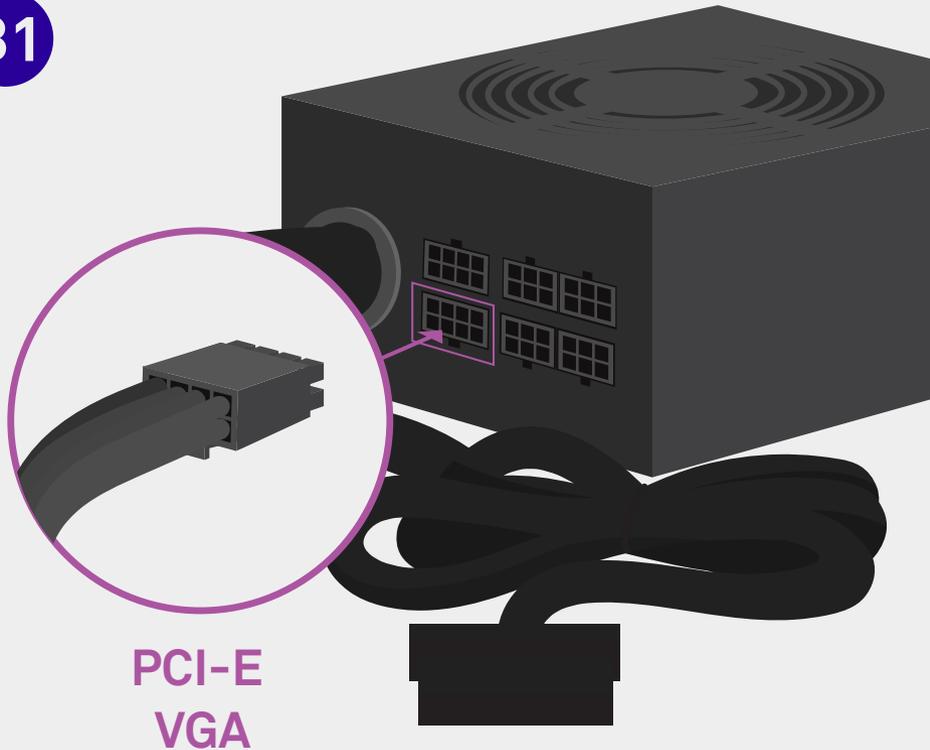
C



Modular

Modular PSUs come with no pre-attached cables. You'll need to plug any cables that you intend to use into the unit yourself.

Semi-modular

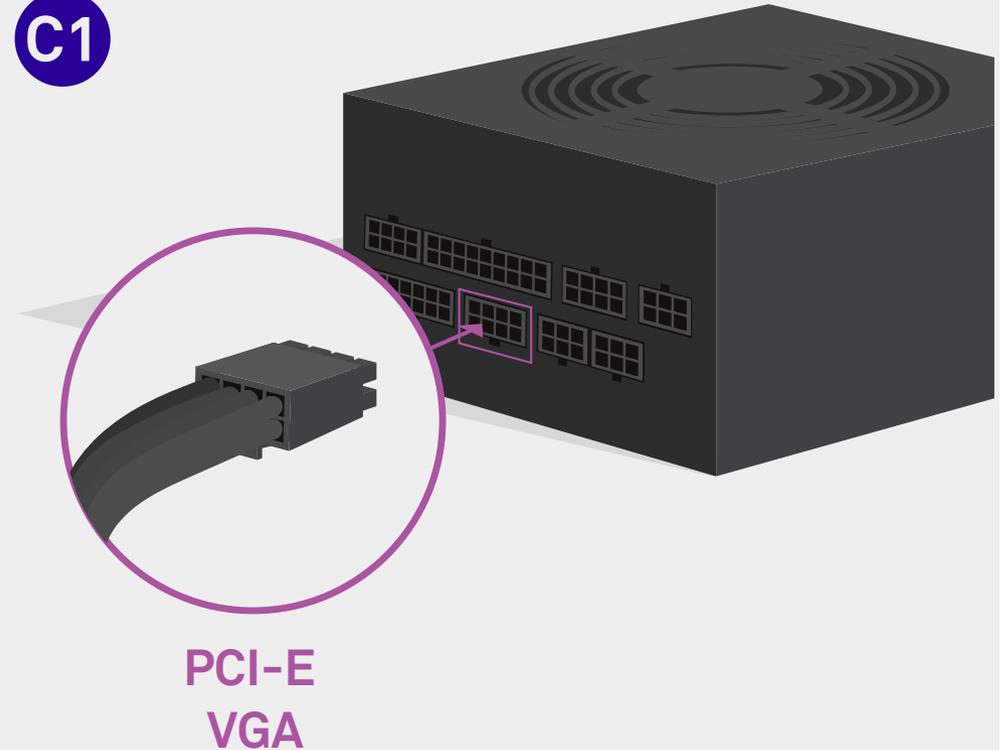
B1


Plug in the PCI-E Cable(s)

Semi-Modular PSU: Once this step is done, skip to page 99.

If using a semi-modular PSU, plug in the cable labeled either PCI-E or VGA into the PSU slot marked “PCI-E” or “VGA”. **If your GPU (Marked J) is a 3000 series, plug in two PCI-E / VGA cables.**

Modular

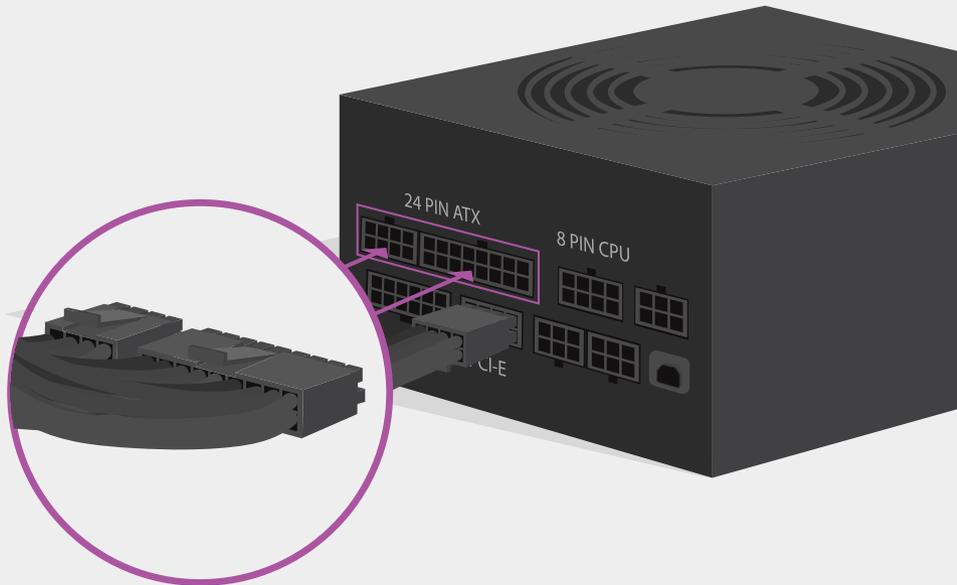
C1


Plug in the PCI-E Cable(s)

If using a modular PSU, plug in the cable labeled either PCI-E or VGA into the PSU slot marked “PCI-E” or “VGA”. **If your GPU (Marked J) is a 3000 series, plug in two PCI-E / VGA cables.**

Modular

C2



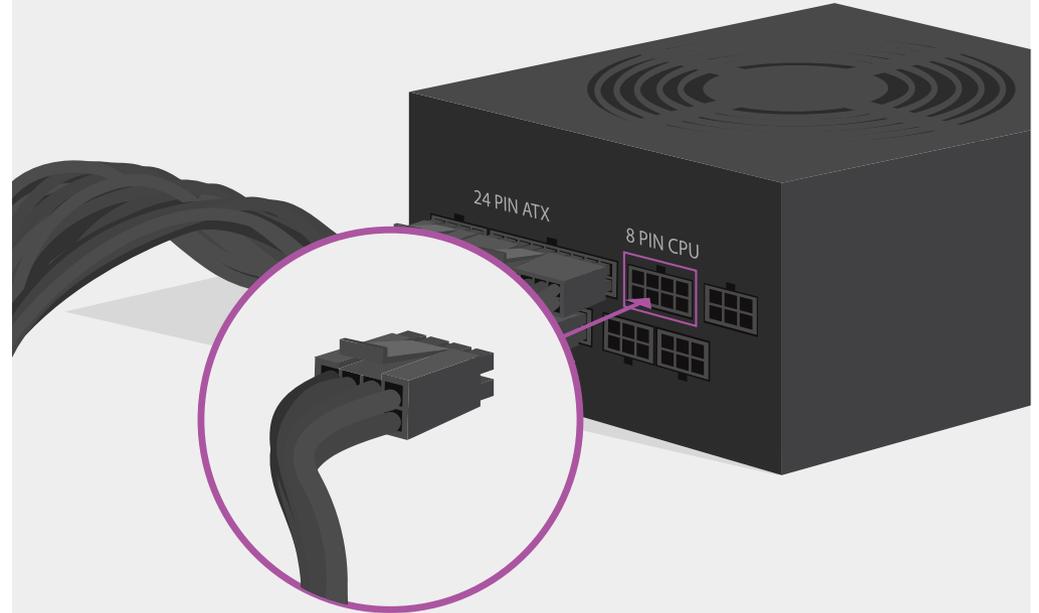
**24-Pin Cable
(16+8 Side)**

Plug in the 24-Pin Cable

If using a modular PSU, plug in the 24-pin cable (the largest that came with the PSU) into the slot marked “24-Pin ATX” or “16 + 8”.

Modular

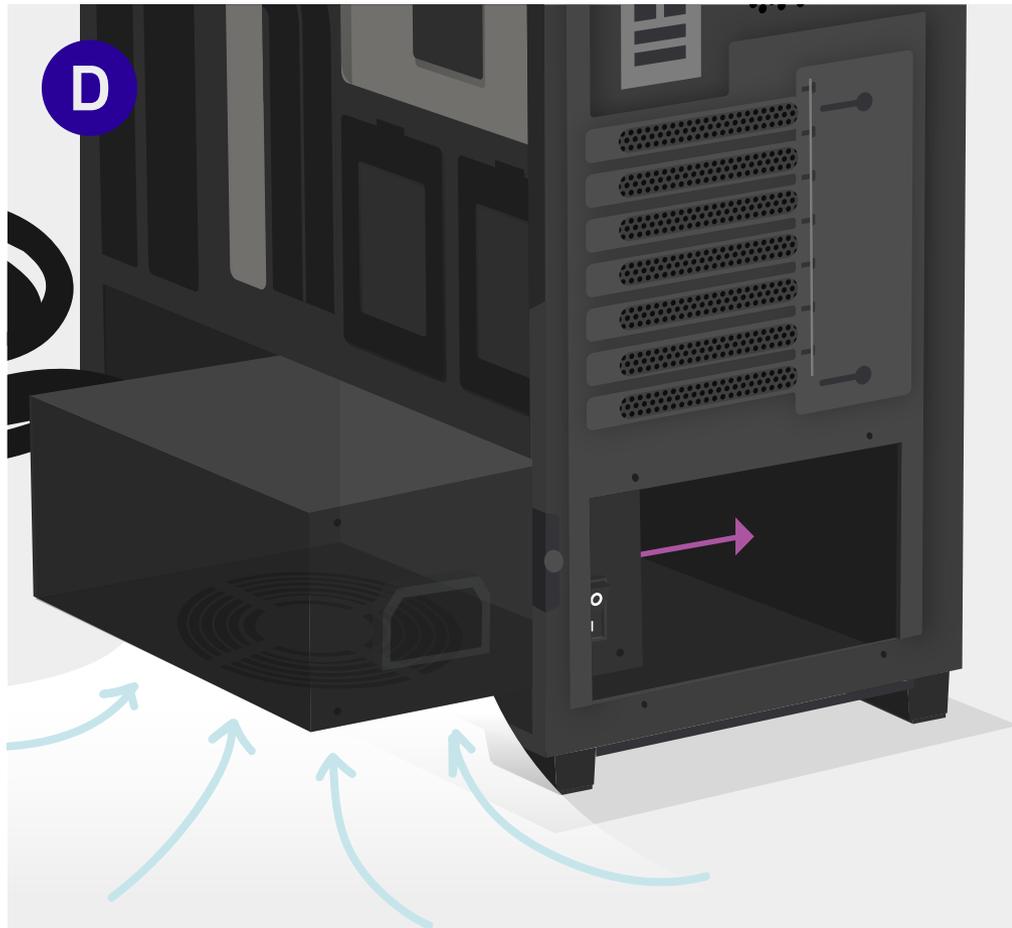
C3



8-Pin CPU

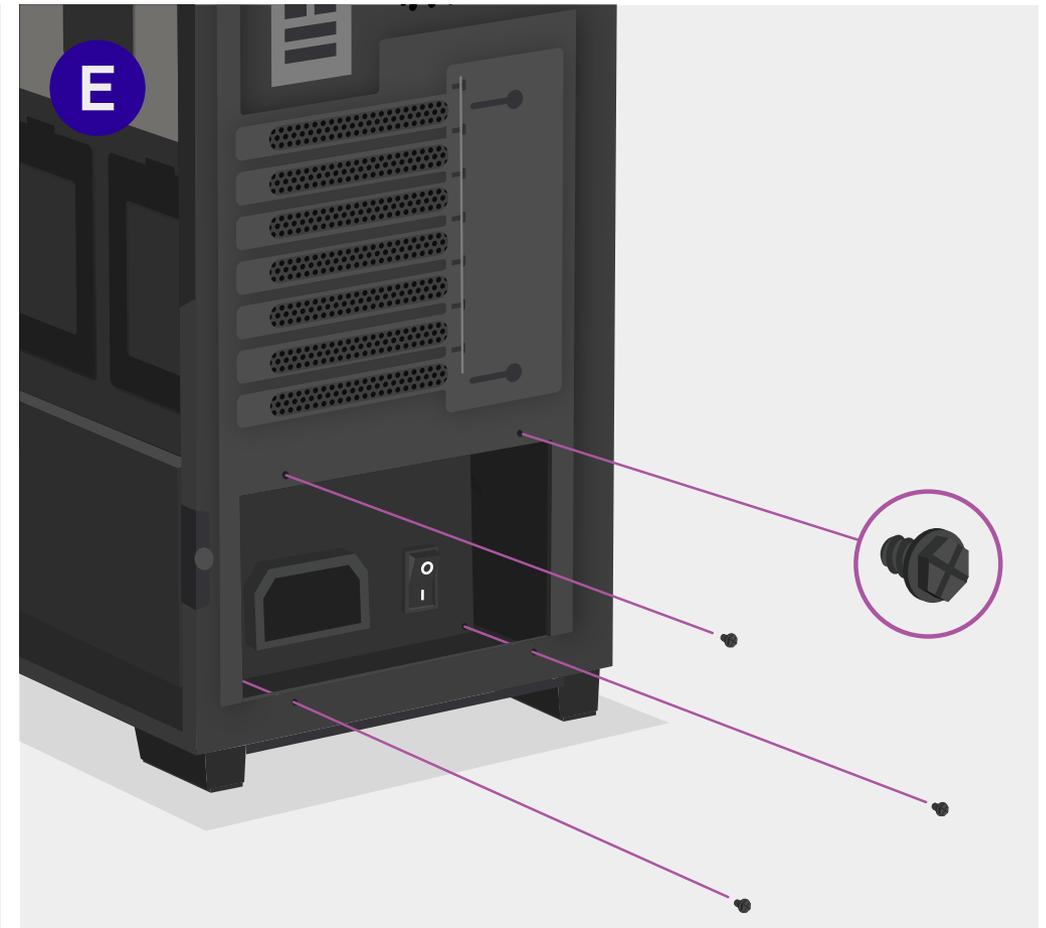
Plug in the CPU Cable

If using a modular PSU, plug in the 8-pin CPU cable into the power supply slot marked “CPU” or “8-Pin CPU”.



Slide in the PSU with Fan Facing Down

With the fan facing downwards, slide in the power supply from the side opening of your H510 case.



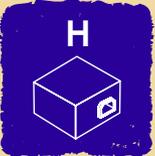
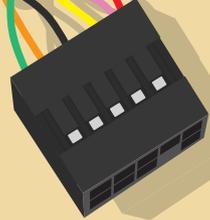
Secure the PSU

Press the PSU against the rear of the PC and screw it into the case using four 6-32 Hexagon screws that came with the PSU (also in the white box from the H510 case).

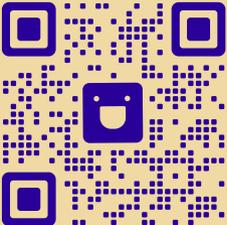
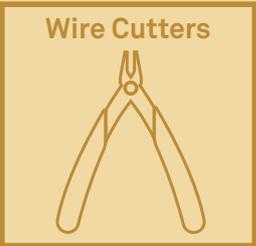


Level 8

Cable Management



What You'll Need



Video Walkthrough

If you can't find a port or identify a cable, we have you covered. Check out this step on video if you need more help!



A

Came with PC Case

Left Channel (Magenta) - Audio

Left Channel (Yellow) - USB-C

Left Channel (Gray) - Front Panel

Center Channel (Light Blue) - USB 3.0

**Came with PC Case
(AIO Cooler Only)**

Right Channel (Orange) - System Fan 1

**Came with PC Case
(AIO Cooler & Air Cooler)**

Right Channel (Green) - System Fan 2

**Came with PC Case
(Air Cooler Only)**

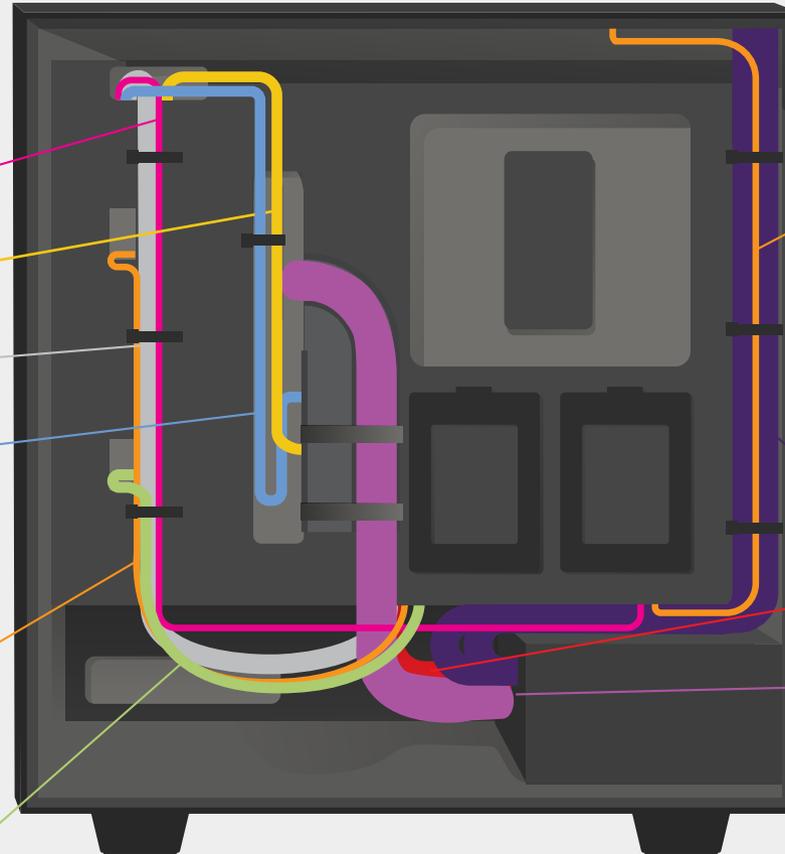
Right Channel (Orange) - System Fan 1

Came with PSU

Right Channel (Purple) - 4+4 CPU Cables

Bottom Channel (Red) - PCI-E Cable

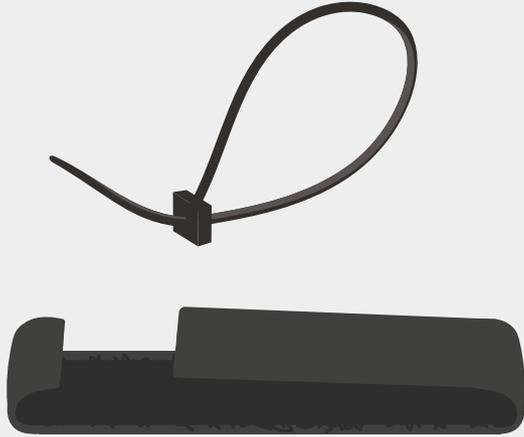
Center Channel (Orchid) - 24-Pin



Cable Management

These are our recommendations on how to manage your cables more easily. They don't need to be strictly followed. Don't be afraid to experiment with different configurations.

B

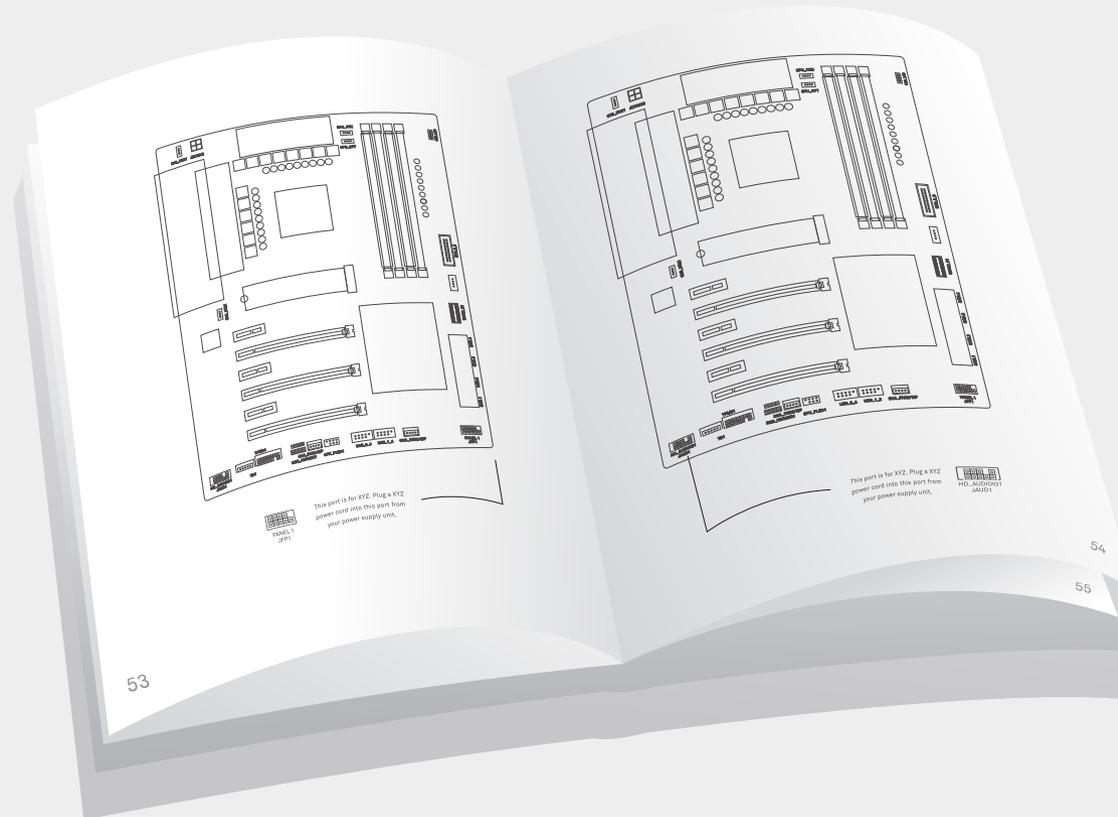


Designed to Help

Zip ties and velcro are your friends. For better cable management, we advise grouping cables together and using the provided velcro or zip ties to fasten them to one another.



C

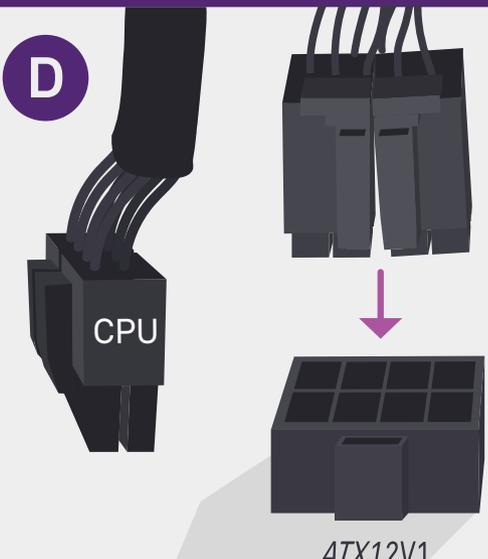


Where to Plug in the Cables

Important: Check your motherboard manual.

Bring out the manual that came with your motherboard. The port names we provide in the upcoming section are commonly used, but they may not be exact. The manual will be **very** helpful during the upcoming steps in identifying exactly where each cable port is located on your motherboard model.

D



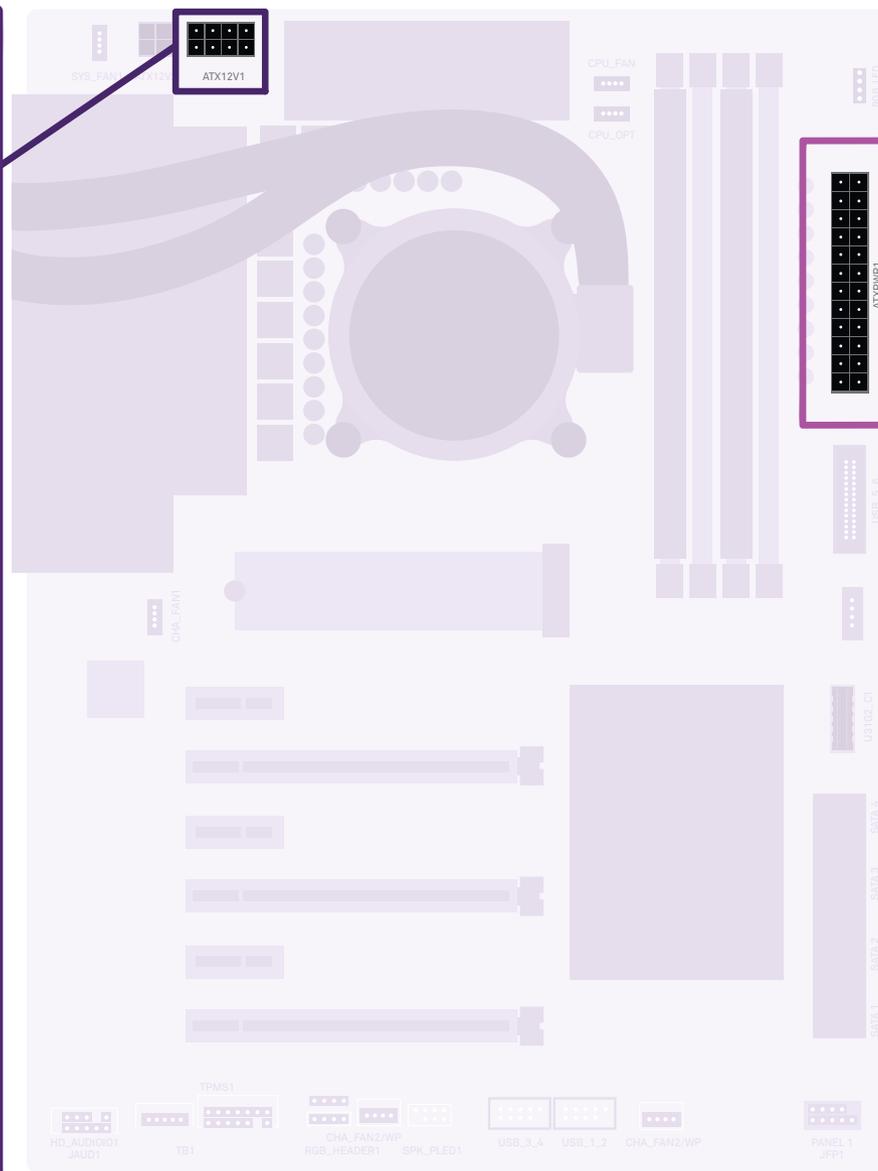
CPU Cable

Run the 8-pin cable marked “CPU” from the PSU and plug it into the motherboard. Match the clipping point on the port to the wire.



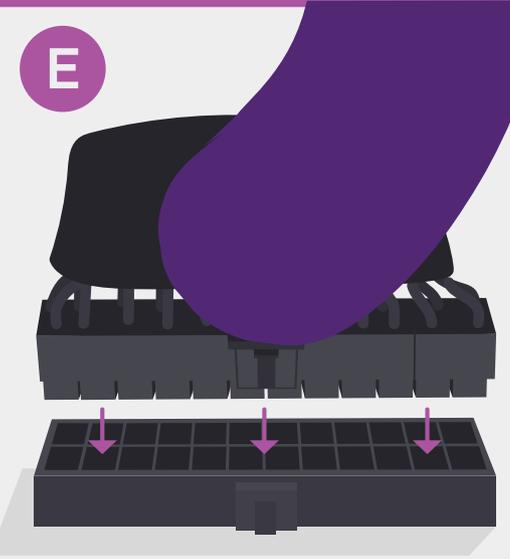
ATX12V1

**Cable found in PSU*



**Location of ports may vary by board.*

E



24-Pin Power

Run the 24-pin power to the large ATX_PWR1 port located on the motherboard. Match the clipping point on the port to the wire.

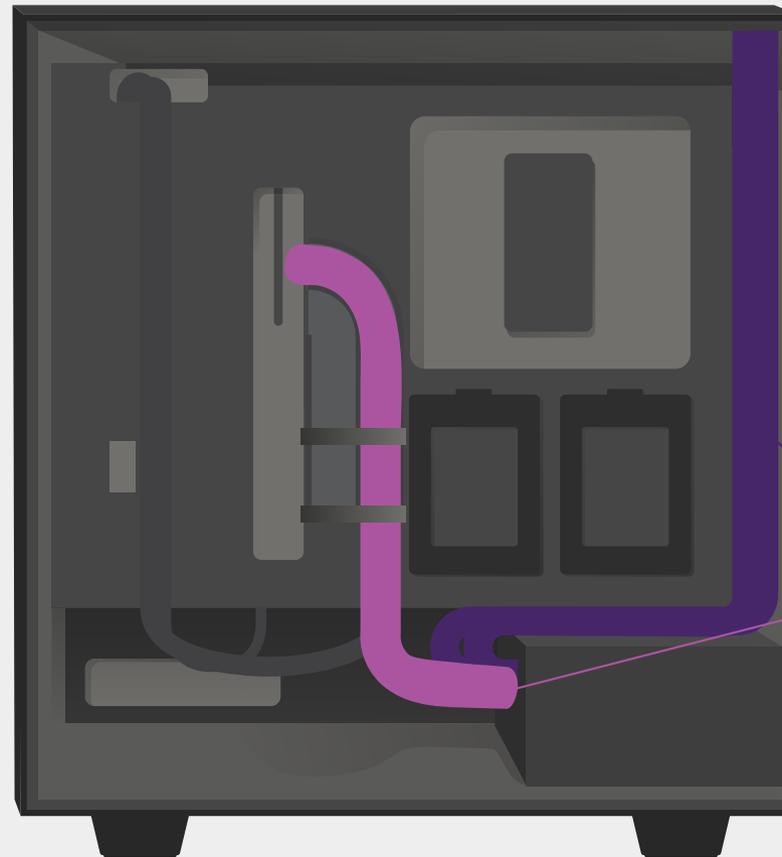


ATXPWR1

**Cable found in PSU*

F

Need Help?
See pages 6-7



Came with PSU

Right Channel (Purple) - 4+4 CPU Cables

Center Channel (Orchid) - 24-Pin

Cable Management - 24-Pin & CPU Cable

Both of these cables are found in the PSU. Route the CPU cable along the right-most channel and through one of the top openings, into the CPU port. Run the 24-pin power to the center channel to plug it into the ATX power port.

G

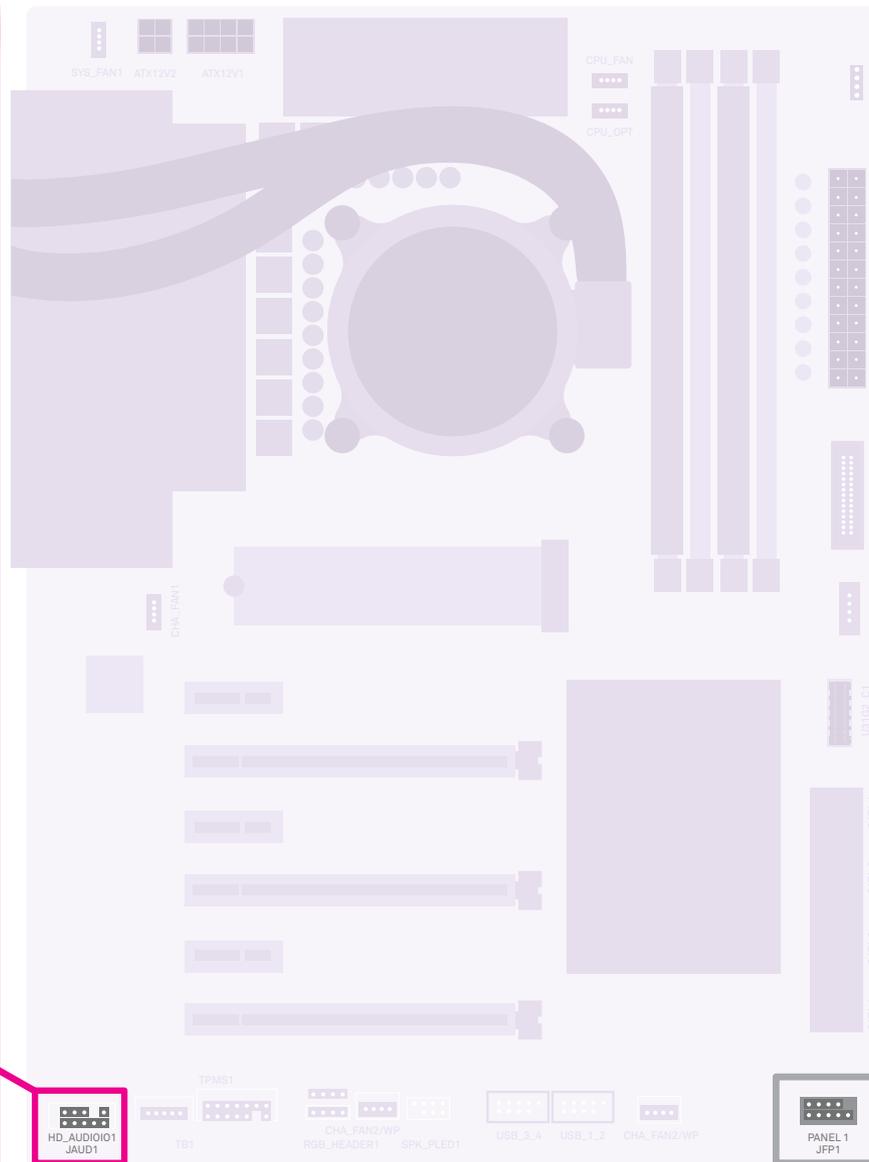
HD Audio

Align the **plugged hole** on the wire with the **missing pin** on the board.

Run the HD audio cable to the JAUD1/HDAUDIO port.

HD_AUDIOIO1
OR
JAUD1
OR
AAFP1

**Cable found in back of case*



**Location of ports may vary by board.*

H

F_Panel

Align the **plugged hole** on the wire with the **missing pin** on the board.

Run the front panel header cable to the JFP1/PANEL1 port along the bottom of the motherboard.

PANEL 1 / 2
OR
JFP1
OR
FPANEL 1/2

HDD_LED+ PWR_LED+
HDD_LED- PWR_LED-
Ground PWR
HW_RST# GND
(NC)

**Cable found in back of case*

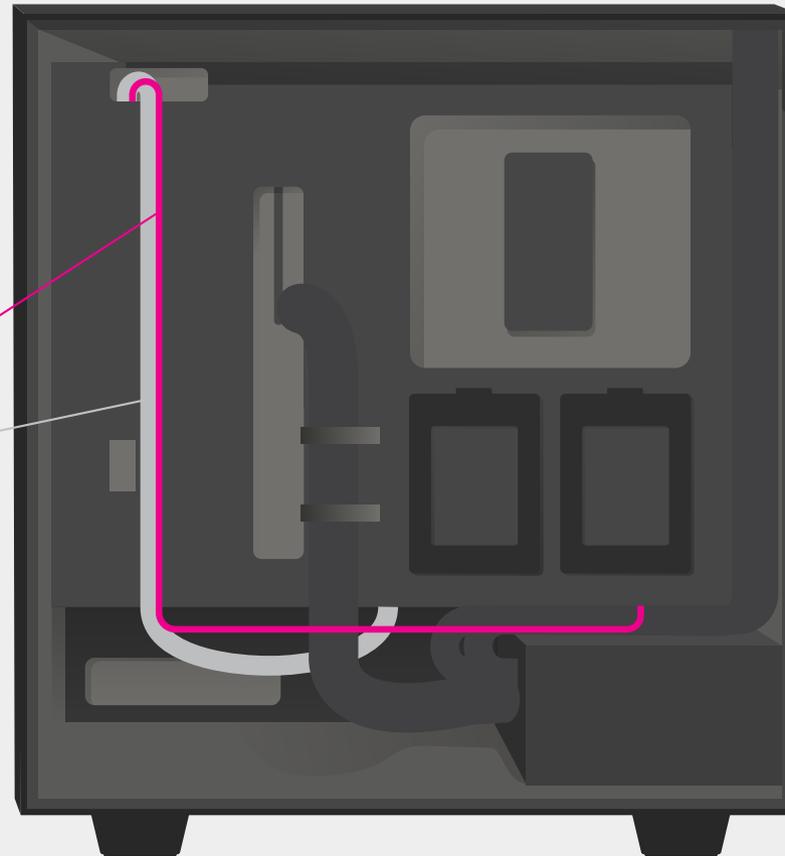


Came with PC Case

Left Channel (Magenta) - Audio

Left Channel (Gray) - Front Panel

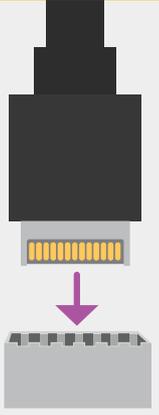
Center Channel (Light Blue) - USB 3.0



Cable Management - Audio & Front Panel

Run both the audio and front panel cables from the left cable channel to the openings at the bottom of the PC case. Both of these cables were included with your case.

J



USB-C

*Your board may not have this port.
If so, leave this cable unplugged.*

If your board supports USB-C, unplug that cable and route it into a U31G2_C1 port.



U31G2_C1
OR
JUSB4

**Cable found in back of case*

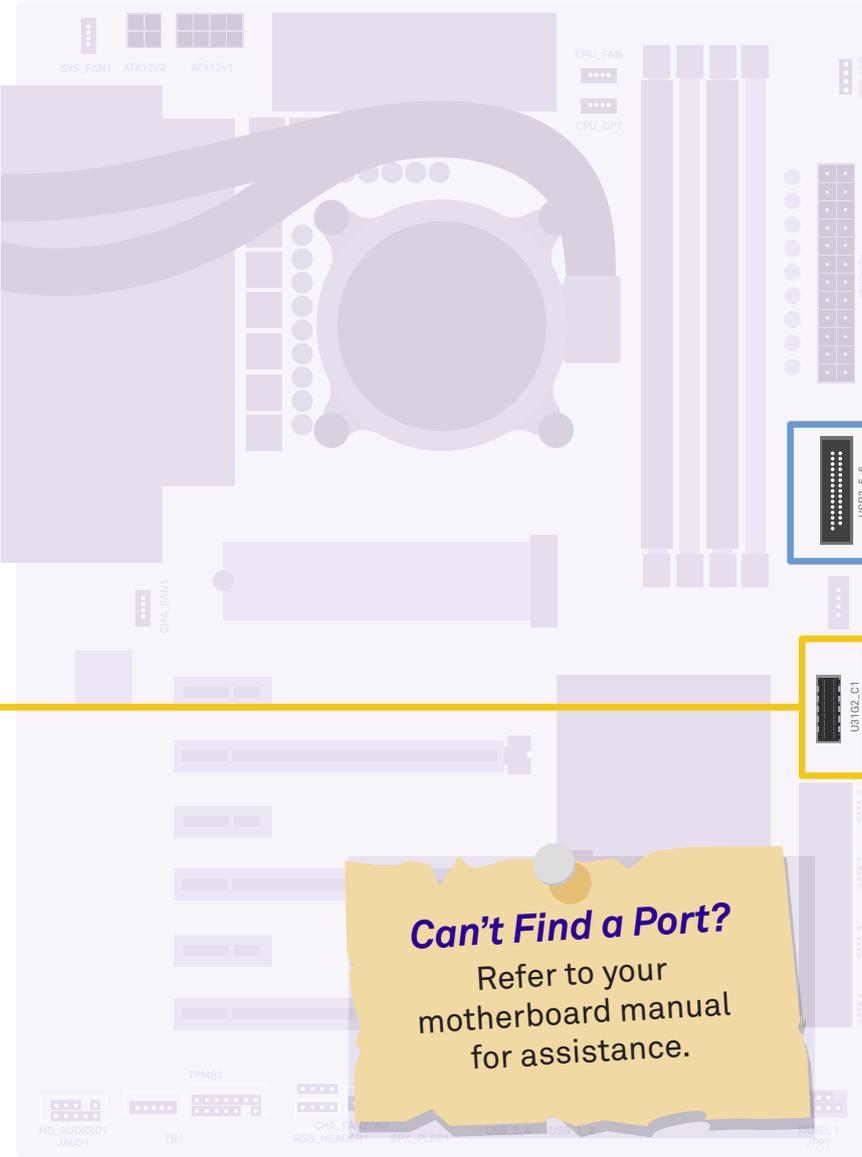
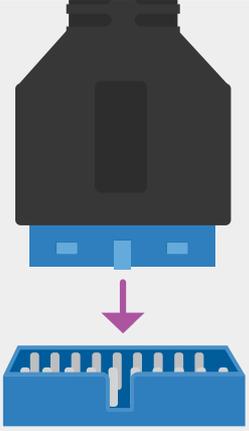


Diagram of a motherboard layout showing various ports and components. Callouts include: SYS_FAN1, ATX12V2, ATX12V1, CPU_FAN, CPU_OPT, HD_LED, ATX12V1, USB3_5_6, U31G2_C1, DATA 1, DATA 2, DATA 3, DATA 4, SATA 1, SATA 2, SATA 3, SATA 4, TPMS1, HD_AUDIO1, JAUD1, TB1, CHA_FAN1, CHA_FAN2, RGB_HEADER, SPC_PLN1, USB_3.X, USB_2.0, PANEL 1, and CPU.

Can't Find a Port?
Refer to your motherboard manual for assistance.

**Location of ports may vary by board.*

K



USB 3.0

Run the USB 3.0 to the JUSB3 / USB3_5_6 port. Align the nub to the board socket, and plug in.



USB3_5_6
OR
USB 3.X
OR
JUSB3

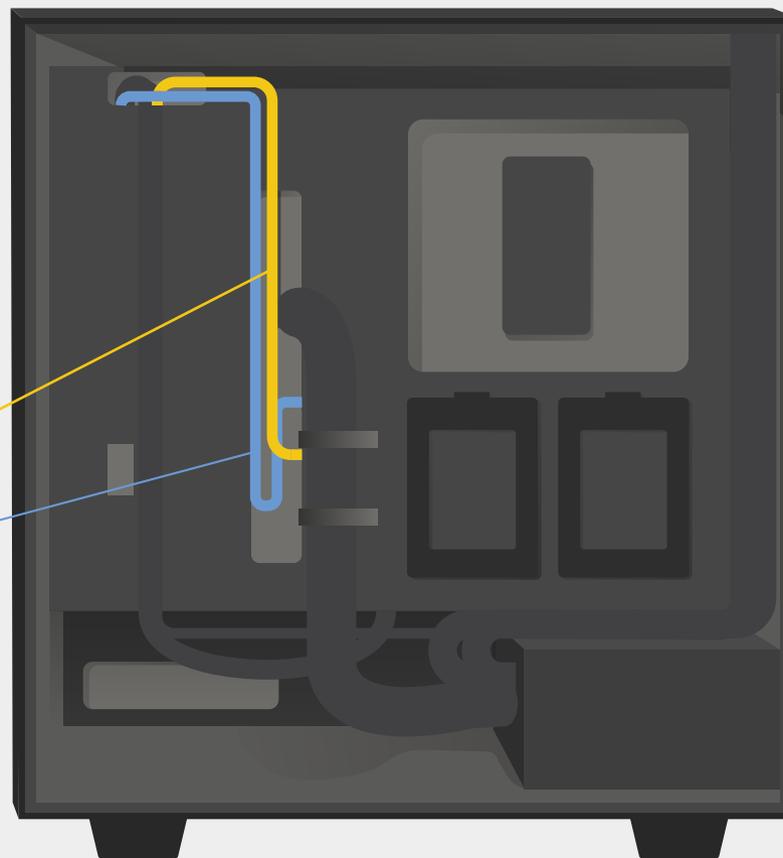
**Cable found in back of case*



Came with PC Case

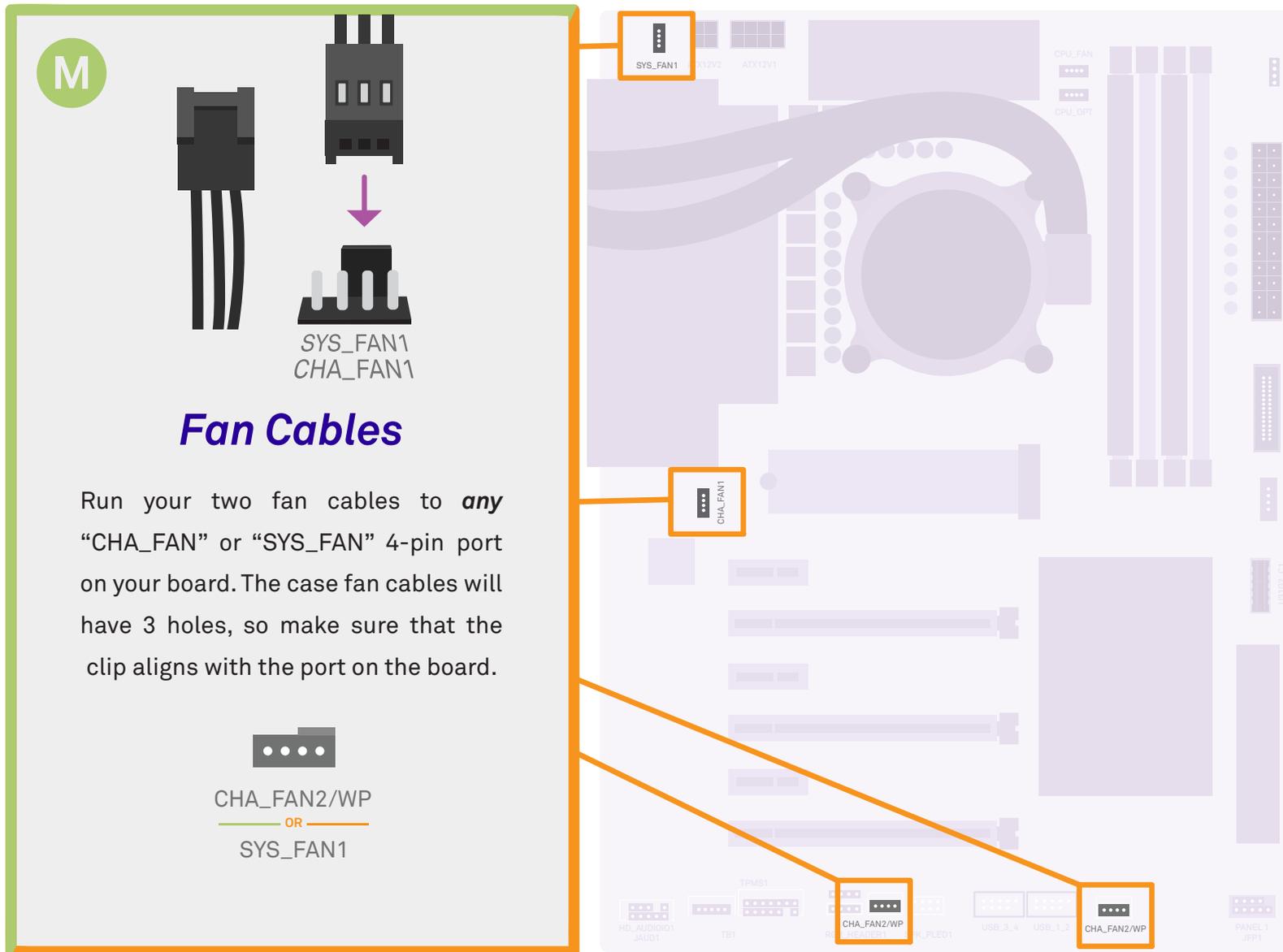
Left Channel (Yellow) - USB-C

Center Channel (Light Blue) - USB 3.0



Cable Management - USB 3.0 & USB-C

Run the USB 3.0 and USB-C cable along the left channel and through the center channel opening. Both of these were included with your case.



**Cables found in back of case*

**Location of ports may vary by board.*

N

**Came with PC Case
(AIO Cooler Only)**

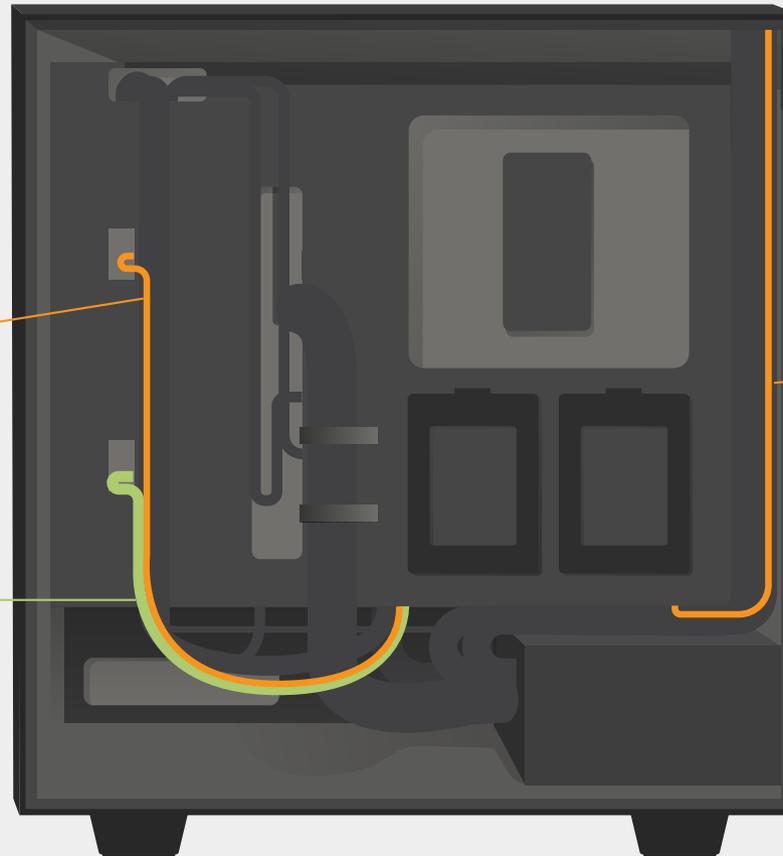
Right Channel (Orange) - System Fan 1

**Came with PC Case
(All Ways)**

Right Channel (Green) - System Fan 2

**Came with PC Case
(Air Cooler Only)**

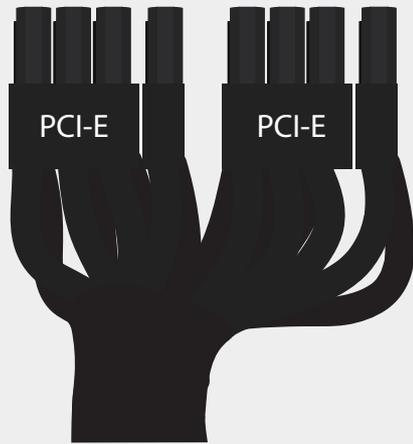
Right Channel (Orange) - System Fan 1



Cable Management - System Fan Cables

The location of your case fans is now dependent upon which CPU cooler you have. Air cooler builds (F) run the system fan 1 cable along the right channel. AIO cooler builds (E) run the cable along the left channel. Both coolers run the system fan 2 cable through the left channel into one of the bottom openings.

0



Prepare the PCI-E / VGA Cable

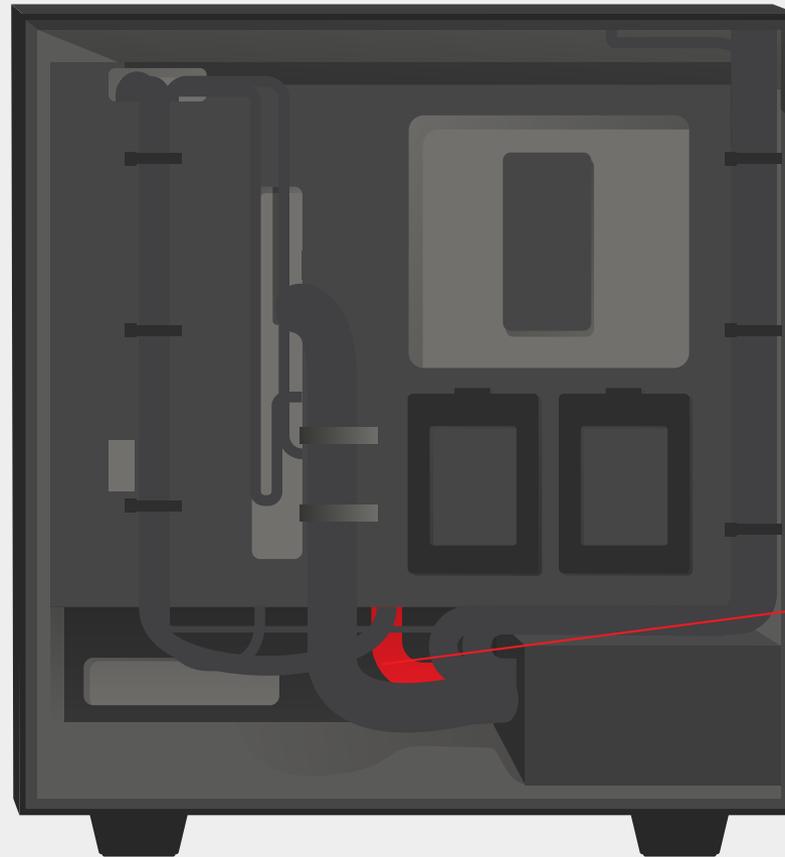
If your GPU (Marked J) is a 3000 series, do this for two PCI-E / VGA cables.

Run this cable through the hole in the metal panel between the PSU and the inside of the case. This metal panel is called a PSU shroud. **Do not plug in yet.** Leave this cable for when we install the GPU in a later step.

**Cable found in PSU*



P



Came with PSU

Bottom Channel (Red) - PCI-E / VGA Cable

Cable Management - PCI-E / VGA Cable

Run the cable labeled PCI-E or VGA from the PSU directly up through the PSU shroud (metal panel separating the PSU from the motherboard). This cable came with your PSU. **If you have a 3000 series GPU, run both PCI-E / VGA cables through here.**





The Greatest Threat Handled

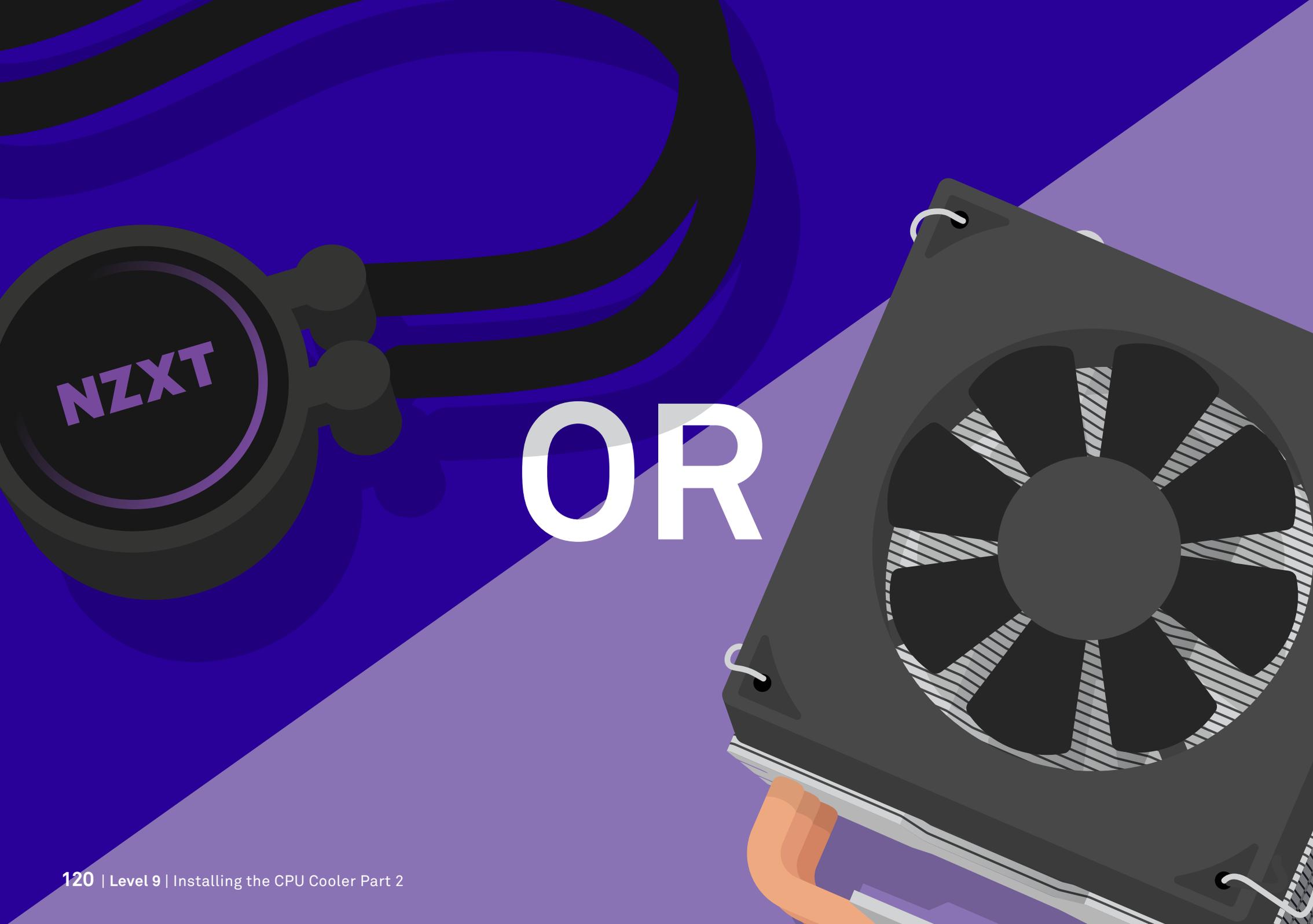
HUZZAH! The cable menace is almost defeated! We are almost ready to move to the next room. We've already gotten past many of the enemies, we are nearing the final chambers of the temple.

An illustration of a person in a purple suit and a brown backpack, carrying a computer tower. The background features a stylized grey and yellow mechanical structure with a central square opening. A blue text box is positioned on the right side of the image.

The Cooling Chambers

We will now continue the CPU cooler installation. If you have air cooler (Marked F), skip pages 122-131. If you have an AIO cooler (Marked E), skip pages 132-143.

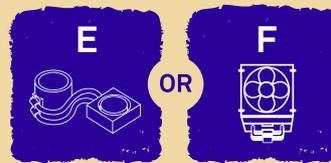




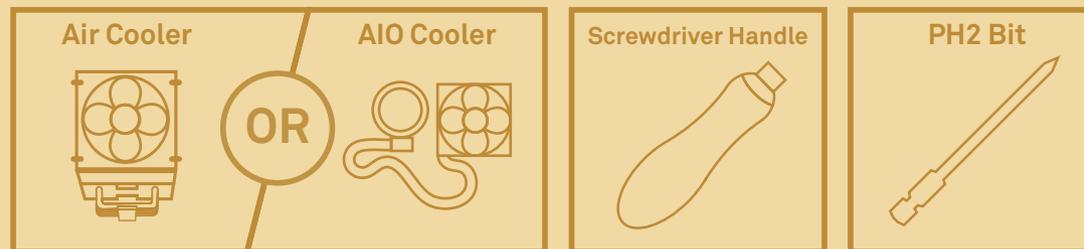
OR

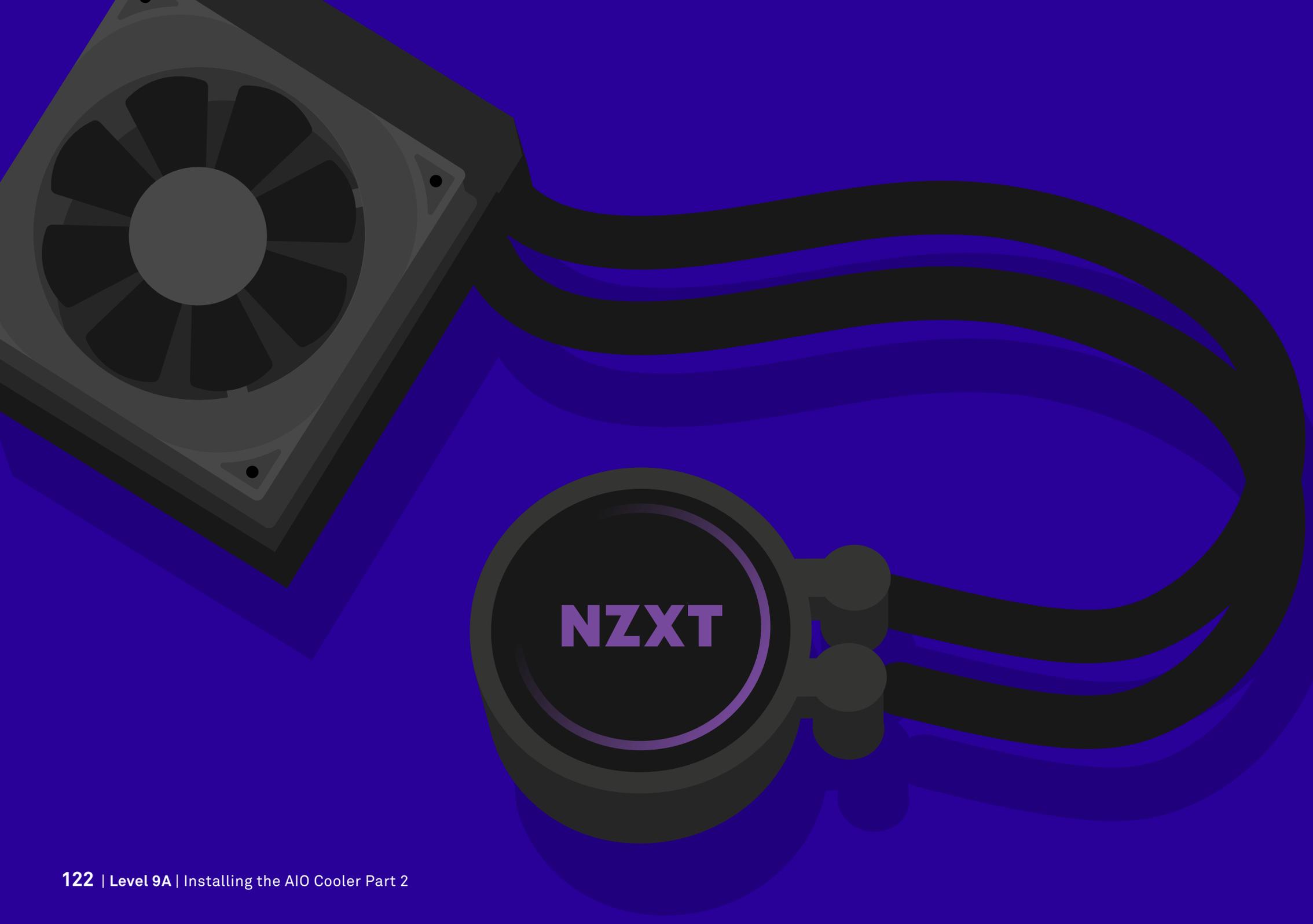
Level 9

Installing the CPU Cooler Part 2



What You'll Need





*Skip to page 132
if you have an Air Cooler (F)*

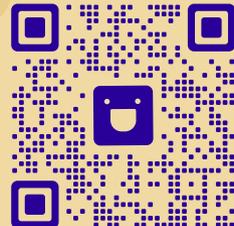
Level 9A

Installing the AIO Cooler Part 2



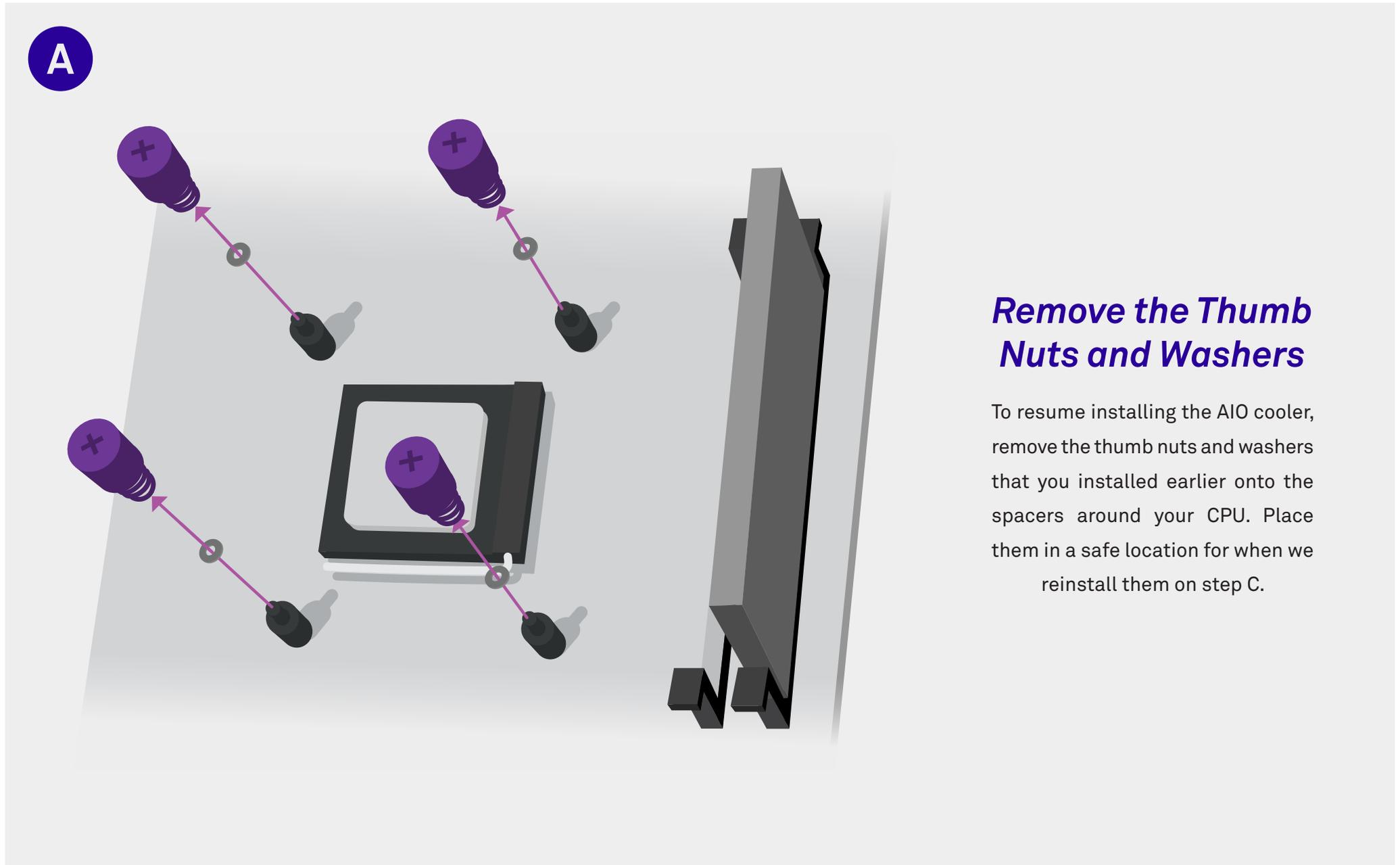
What You'll Need

<p>AIO Cooler</p> 	<p>Screwdriver Handle</p> 	<p>PH2 Bit</p> 
---	--	---



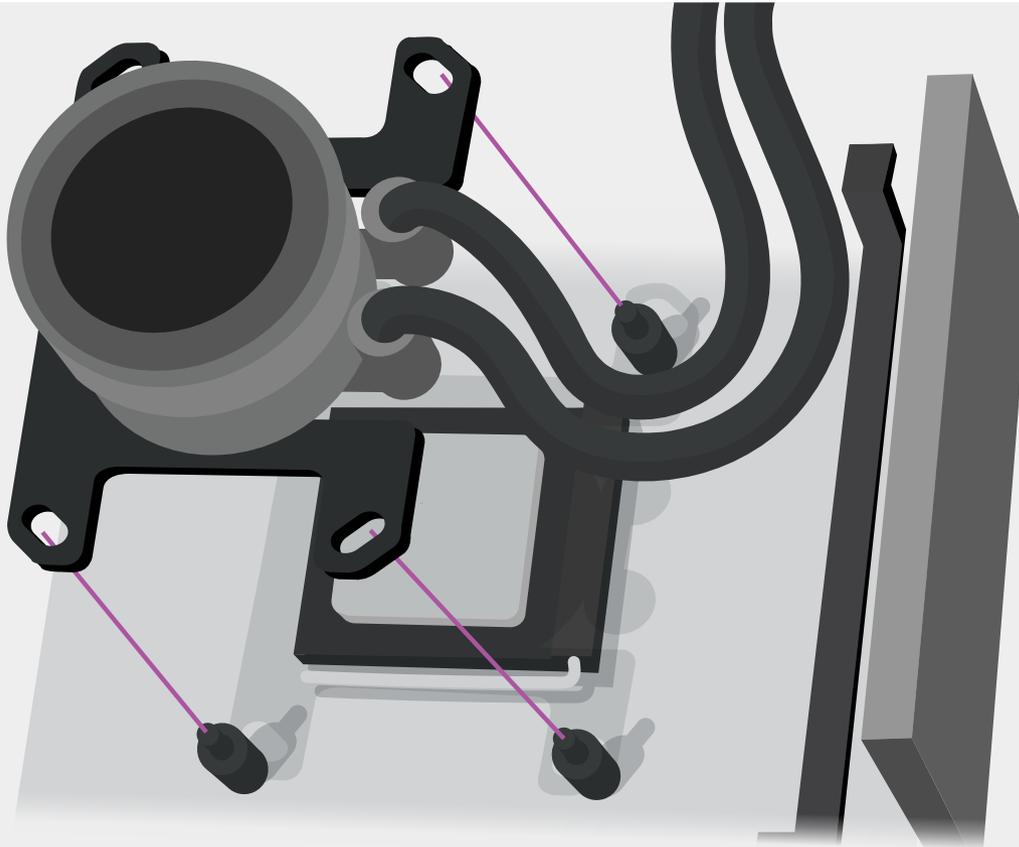
Video Walkthrough

If you get lost, know we are always here to help. Check out this step on video if you need additional guidance.



Remove the Thumb Nuts and Washers

To resume installing the AIO cooler, remove the thumb nuts and washers that you installed earlier onto the spacers around your CPU. Place them in a safe location for when we reinstall them on step C.

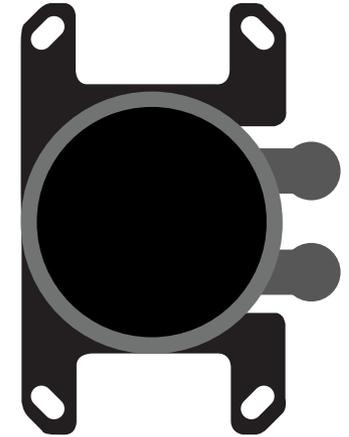
B

Install the Water Block

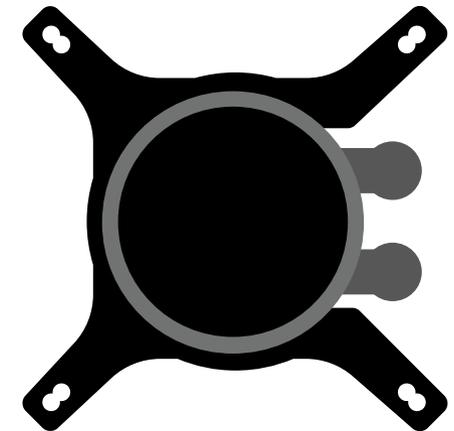
Example above is of an AMD® installation.

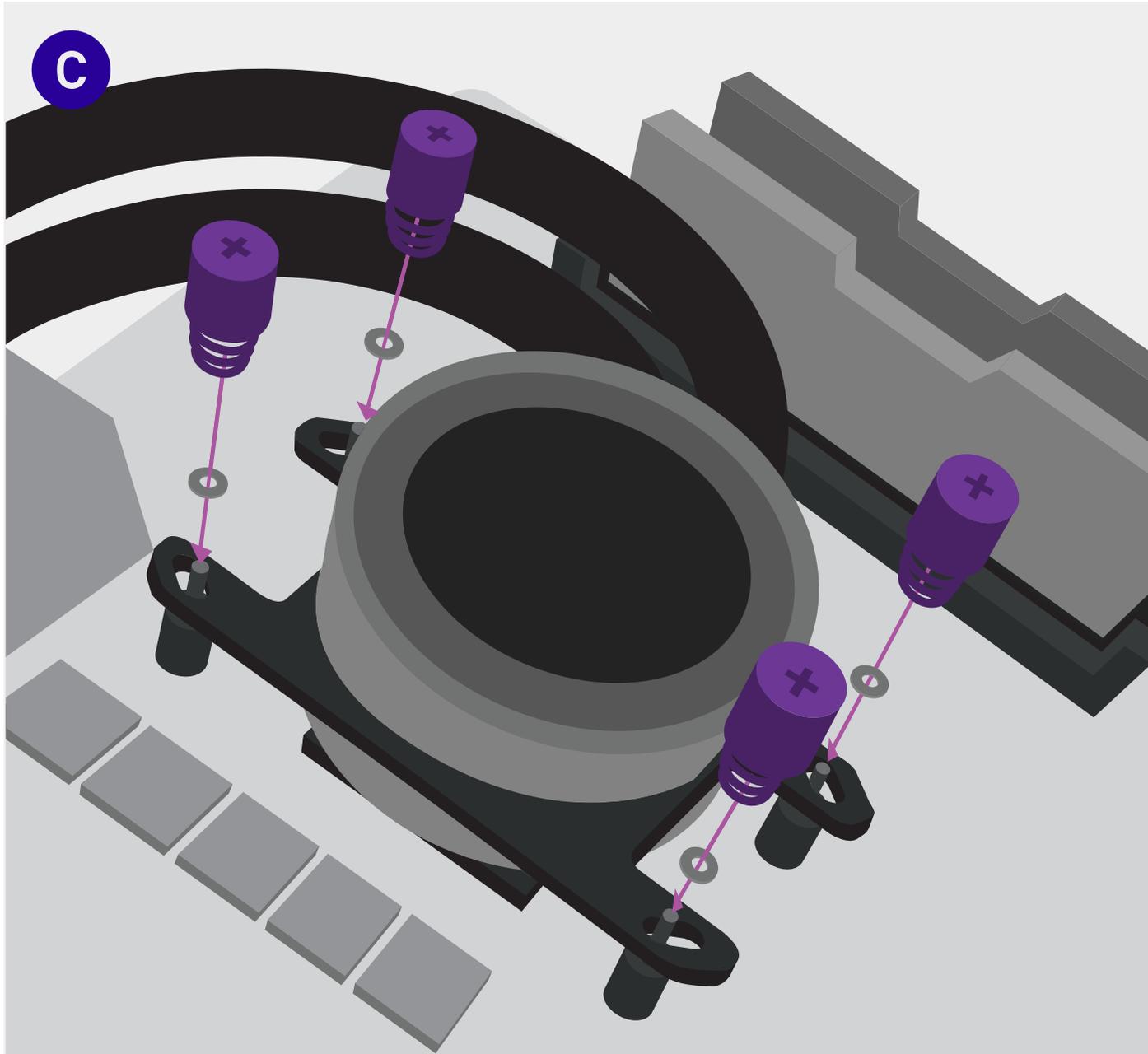
Try not to touch the thermal paste on the underside of the cooler. Place the pump with the retention bracket onto the CPU. Make sure the USB port is facing the top, and the two pump tubes are on the right side of the pump. Ensure the standoffs go through the holes on the bracket.

AMD® Bracket



Intel® Bracket





Secure the Water Block

This example shows how the AIO installation would look for an AMD® CPU, from the left side of the board.

Secure the waterblock by screwing in the plastic washers and the thumb nuts with springs (that we removed earlier in step A) onto the standoff screws.

D

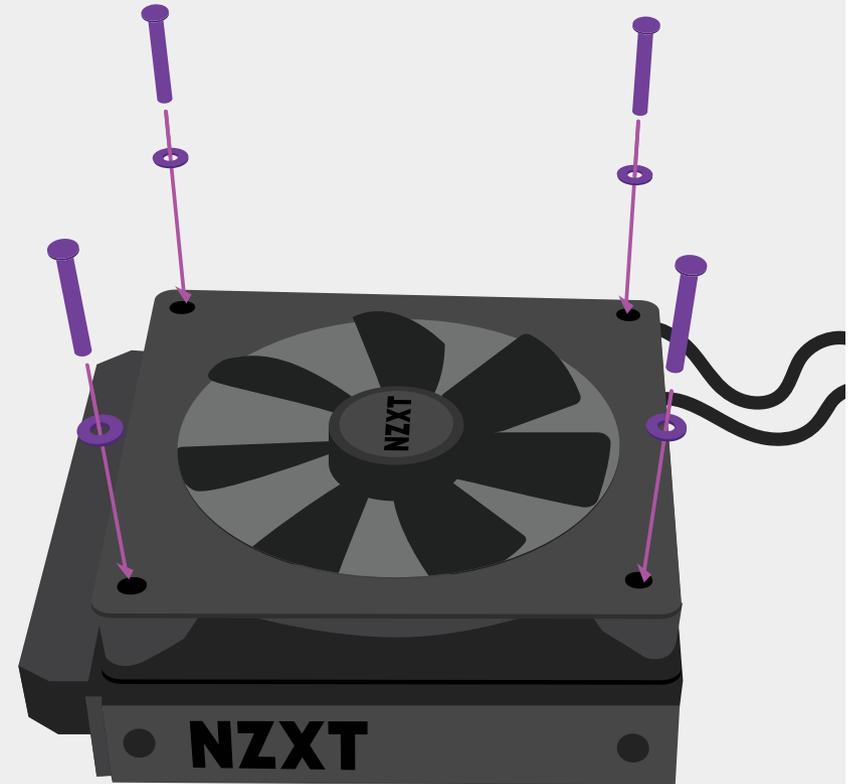


Fan blades pointed outwards, no guard showing.



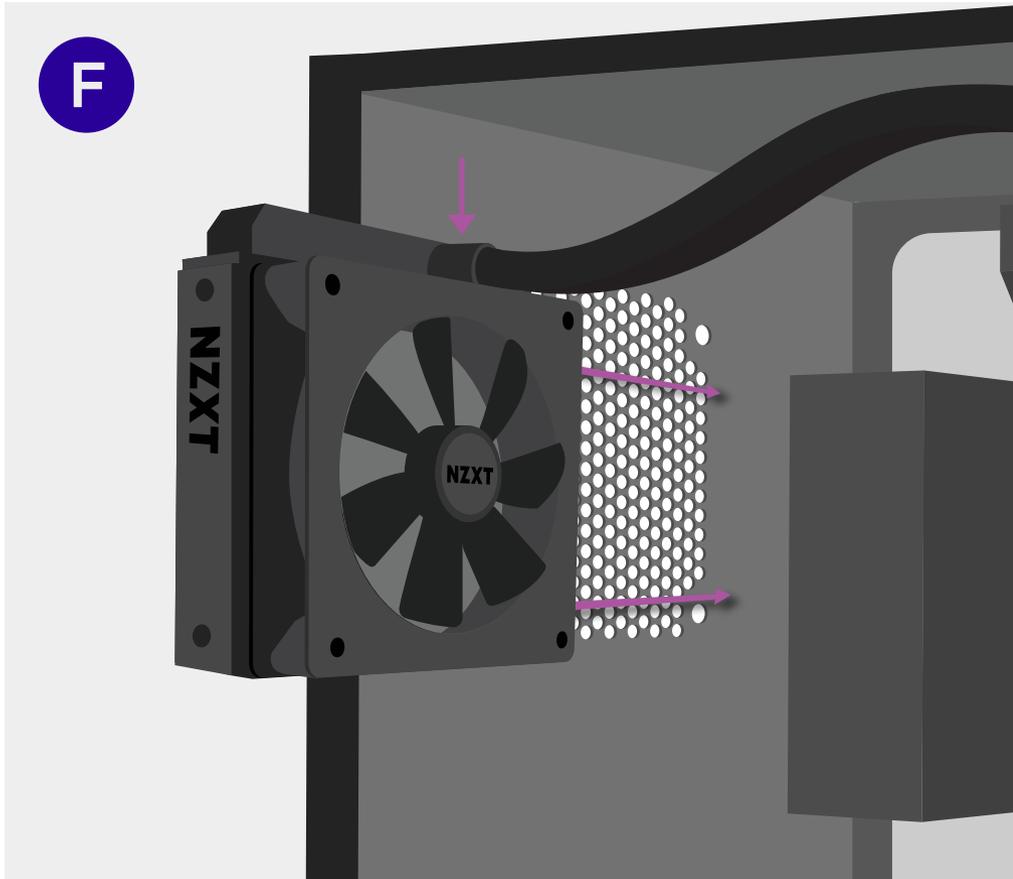
Fan blades pointed inwards, "X" shaped guard showing.

E



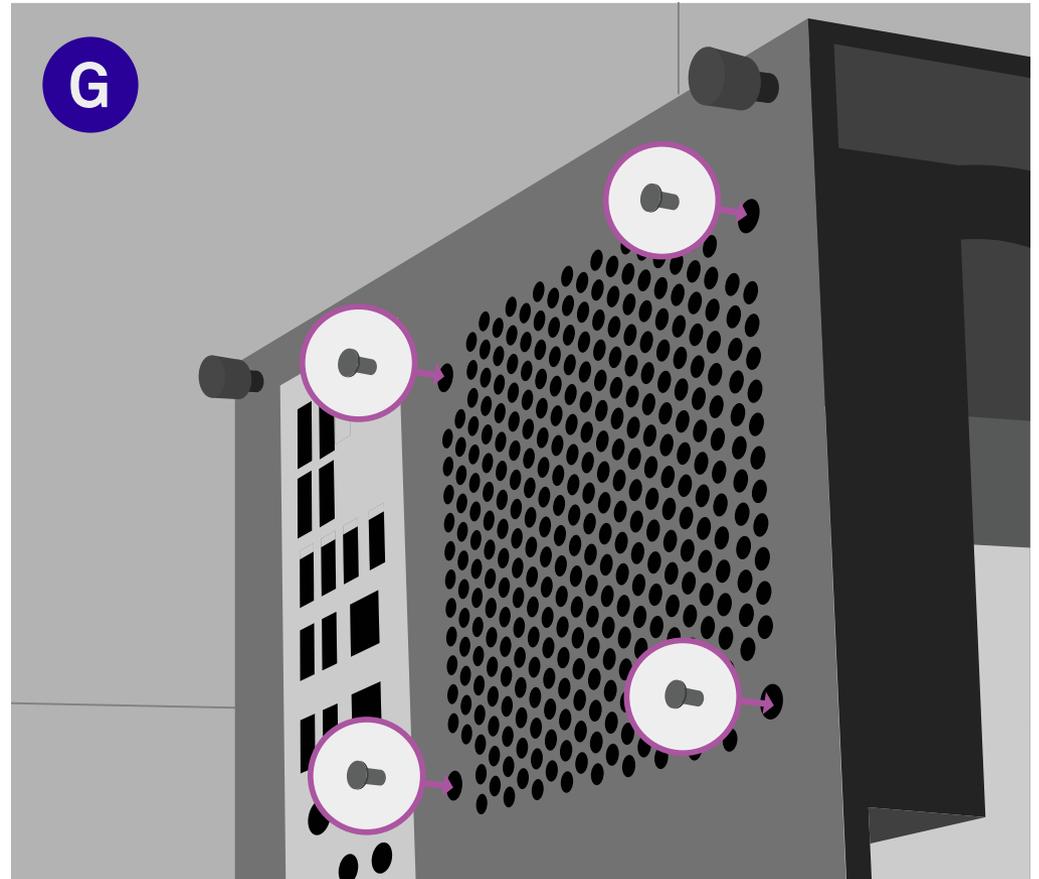
Attach the Fan to the Radiator

Install the fan(s) onto the radiator first using the 30mm (long) fan screws that came in the AIO packaging.



Align the Fan

Slide the fan into place on the rear case exhaust, with the **pump tubes oriented at the top.**

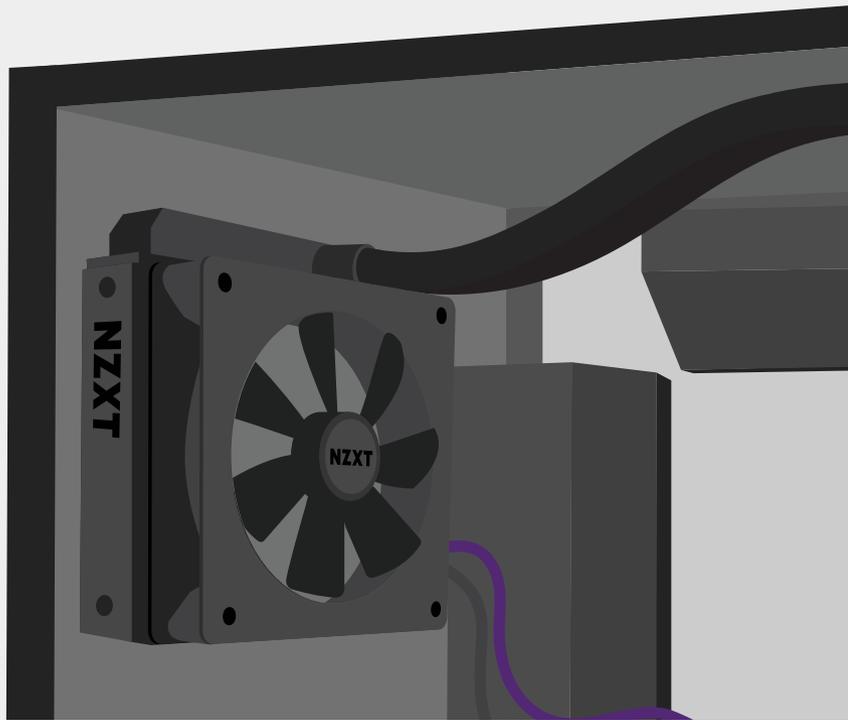


Mount the Radiator

Important: We advise orienting the pump tube at the top.

Using the 5mm case screws that came with the AIO, mount the fan and radiator to the rear exhaust of the case.

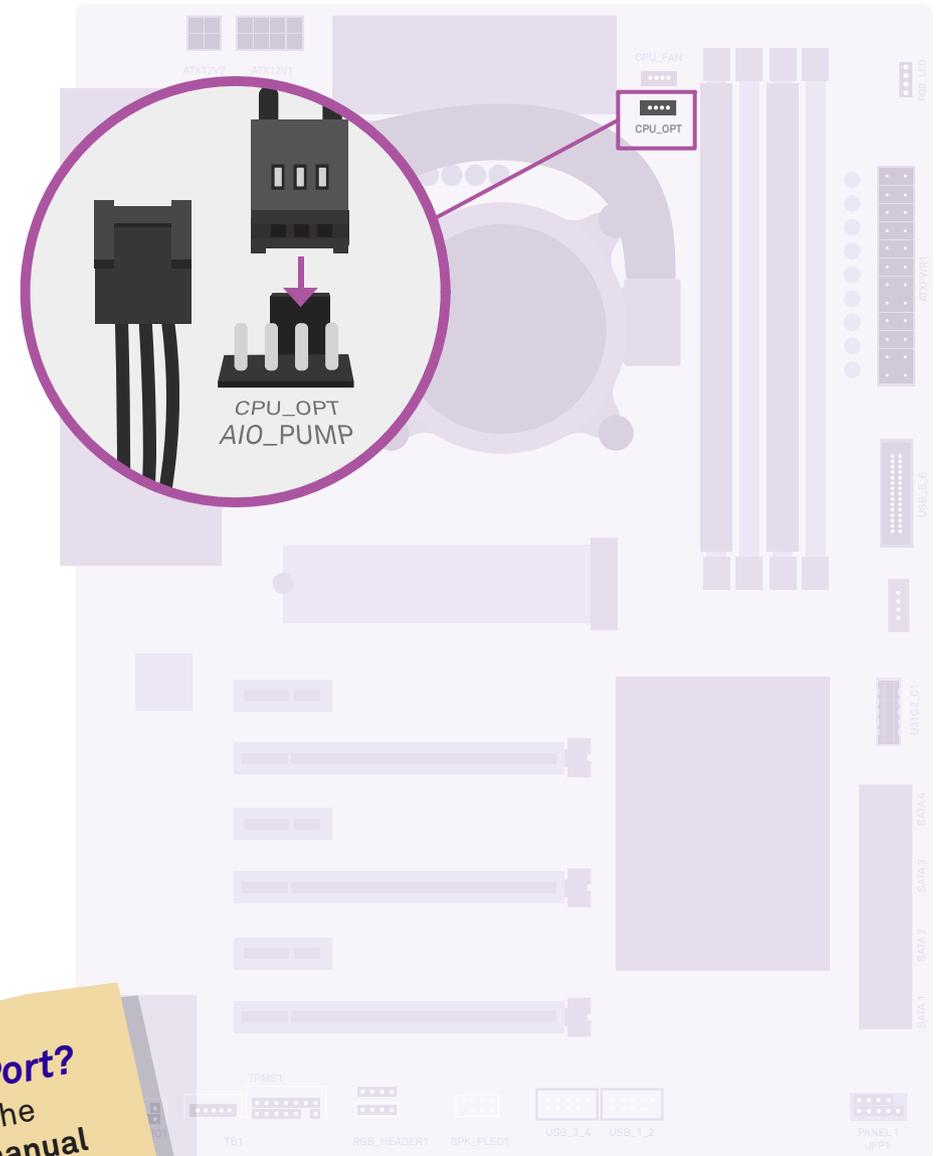
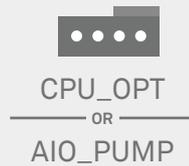
H



Connect the Power Cable Set

This cable will be found attached to the radiator.

Connect the 3-pin pump power cable to the 4-pin CPU_OPT, PUMP or AIO_PUMP connectors on the motherboard.



Can't Find a Port?
Referring to the
motherboard manual
should help a lot.

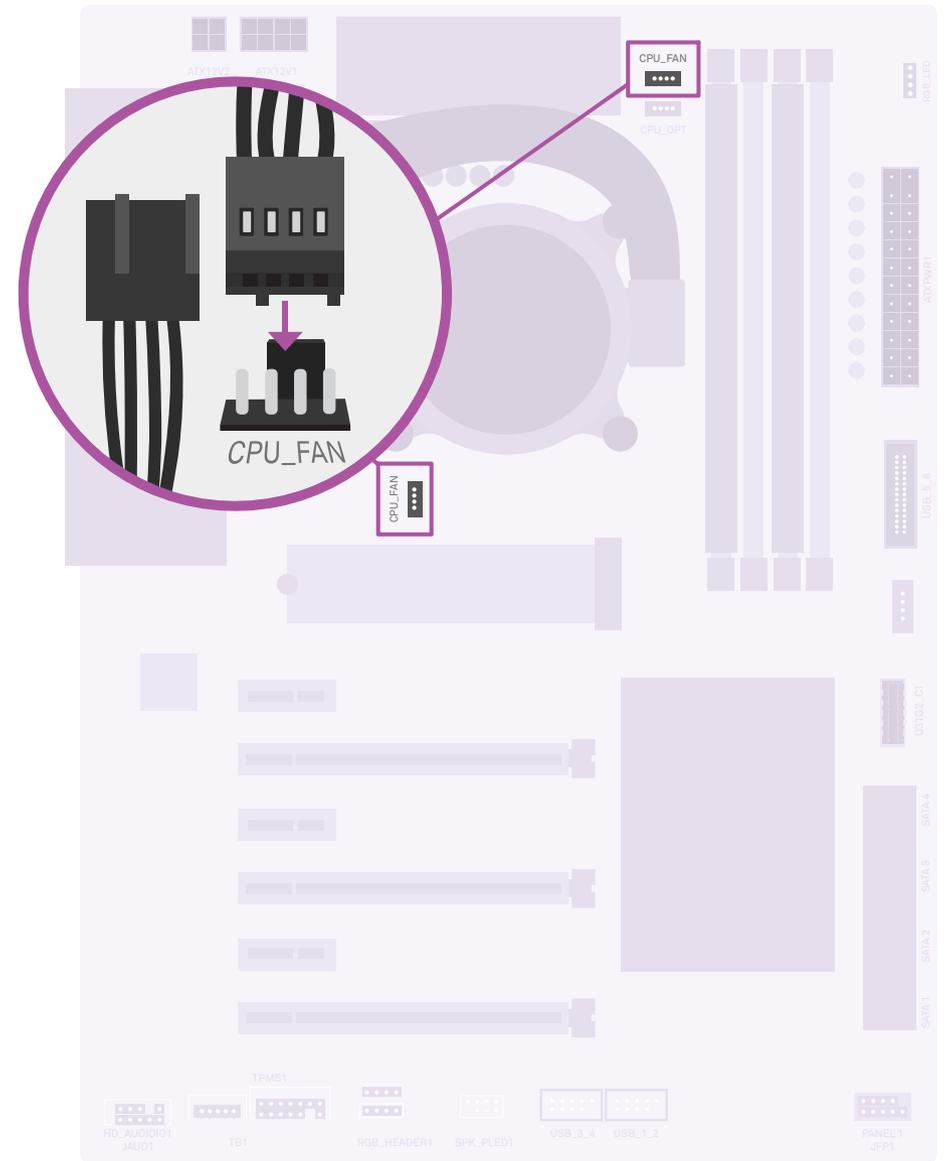
**Location of ports may vary by board.*

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

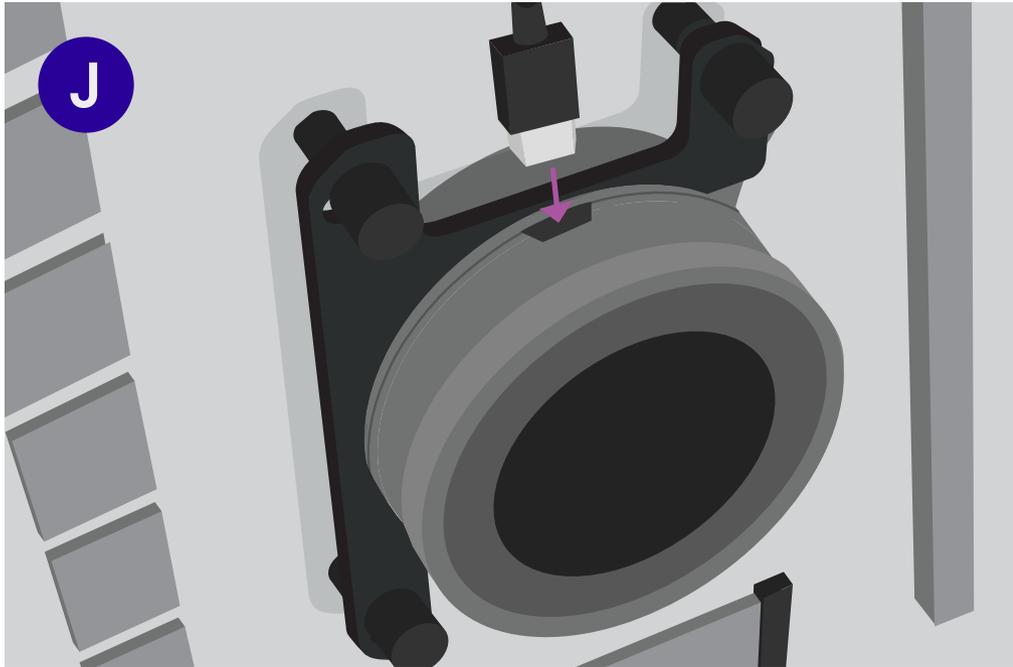


Connect the Fan Cables

Connect the 4-pin power cable of the fan to the 4-pin CPU_FAN connector on the motherboard.



**Location of ports may vary by board.*



Connect the USB Cable

Connect the Micro-USB cable from the pump to an available USB 2.0 internal connector on the motherboard (commonly labeled as JUSB2, USB_1_2, USB or F_USB2).



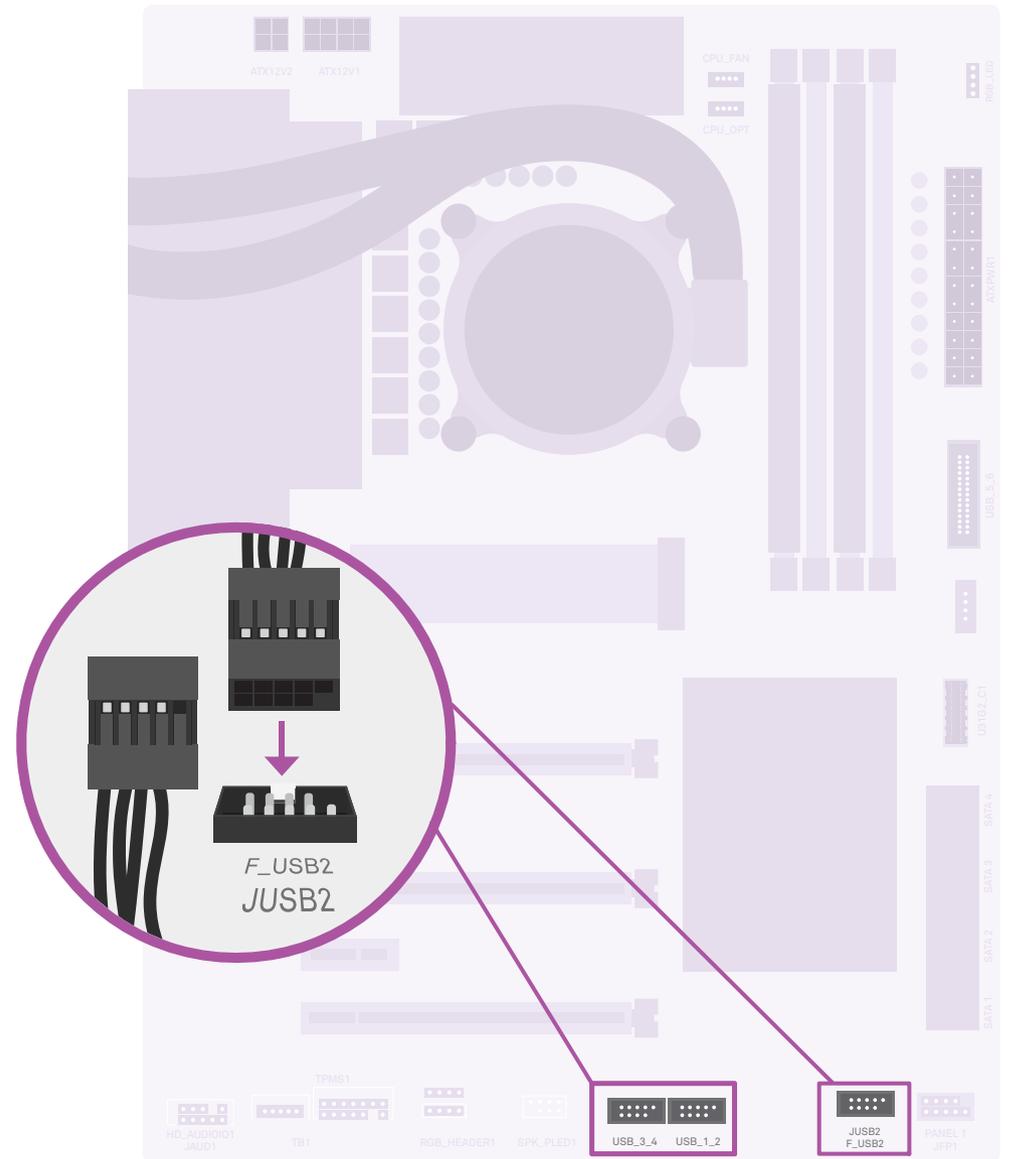
JUSB2

OR

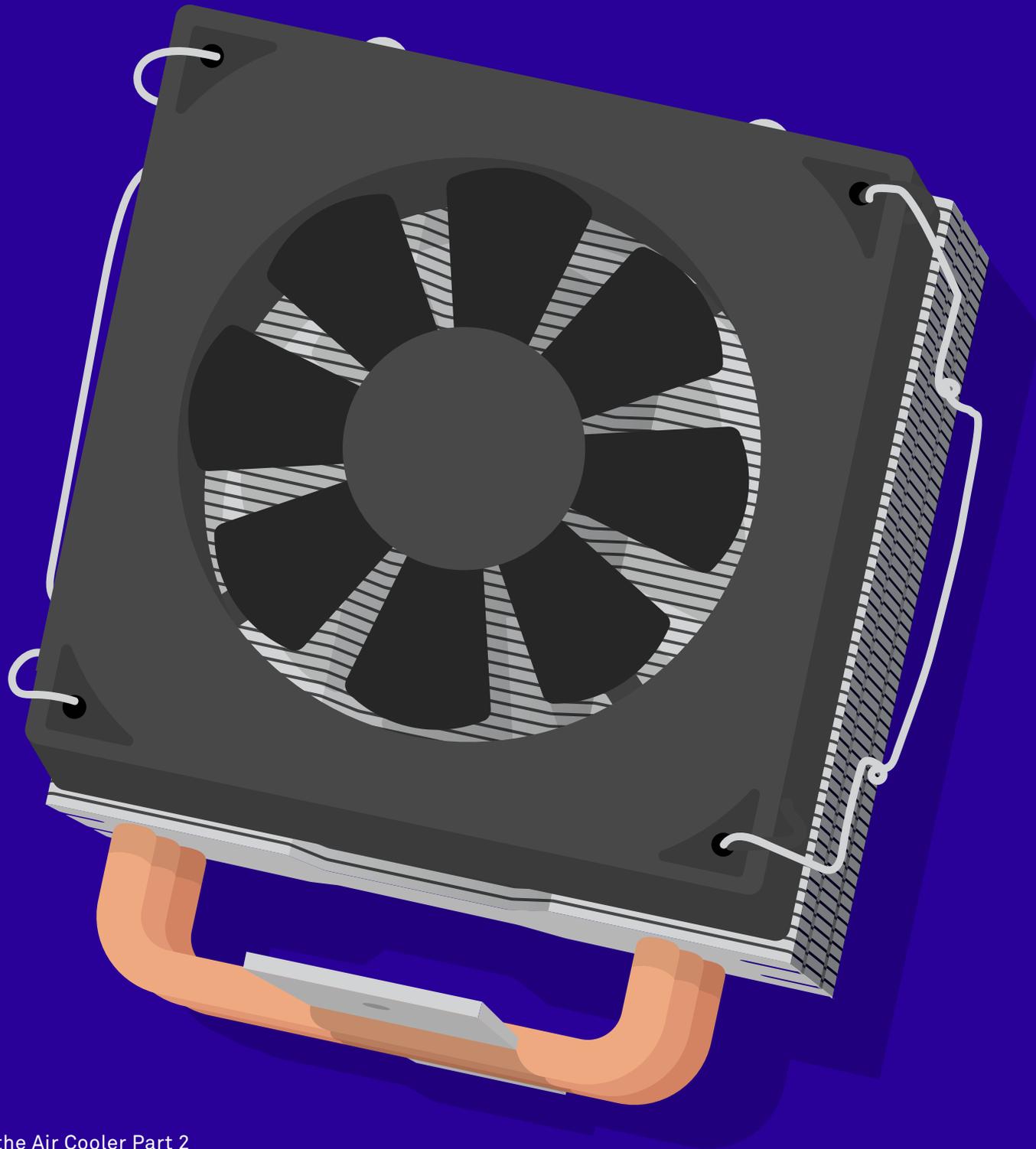
F_USB2

OR

USB_1_2



*Location of ports may vary by board.



*Skip to page 144
if you have an AIO Cooler (E)*

Level 9B

Installing an Air Cooler Part 2



What You'll Need

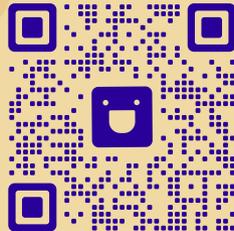
Air Cooler



Screwdriver Handle



PH2 Bit

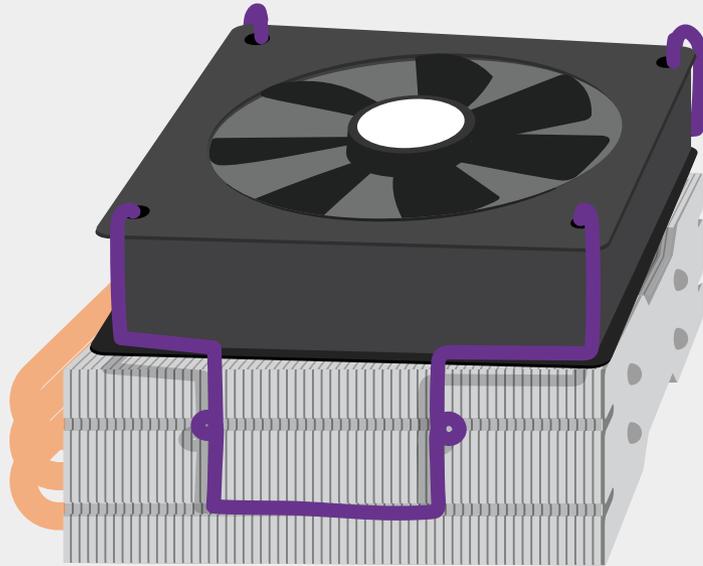


Video Walkthrough

If you get lost, know we are always here to help. Check out this step on video if you need additional guidance.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

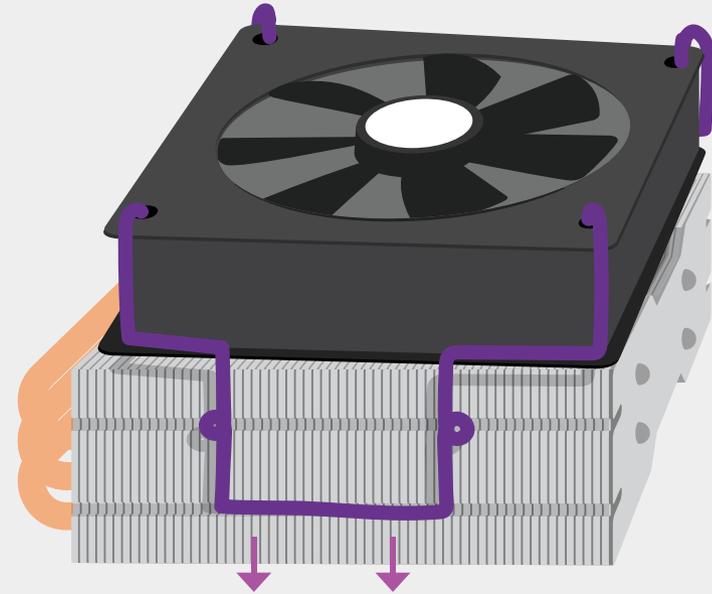
A



Locate the Cooler Block

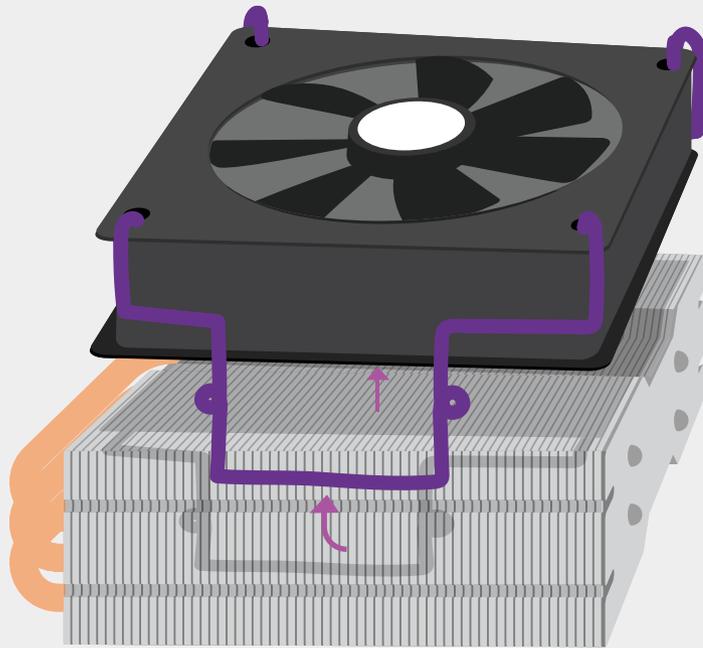
Locate the cooler block that you set aside earlier.

B



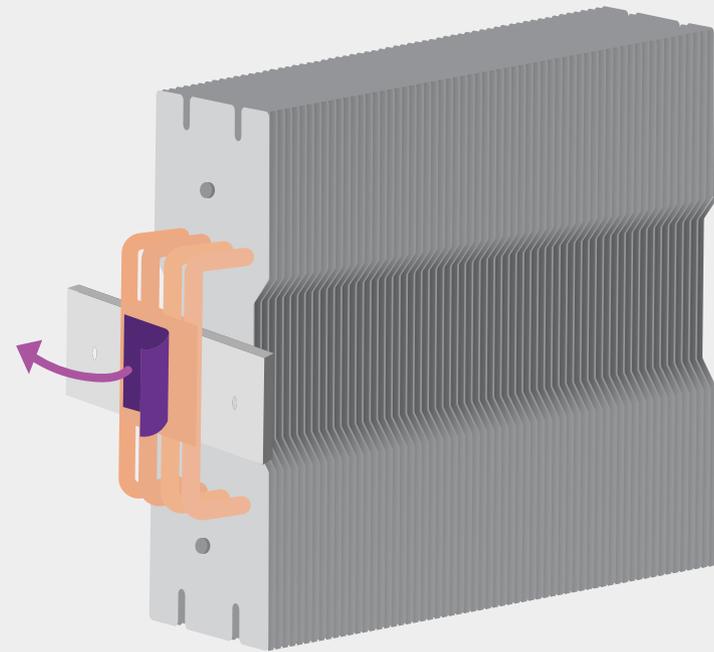
Pull Down on the Metallic Clip

The metallic clips of the fan are kept in place by tension. Pull down firmly on one of the metallic clips (you can use a zip tie for leverage if you need to).

C

Remove the Fan

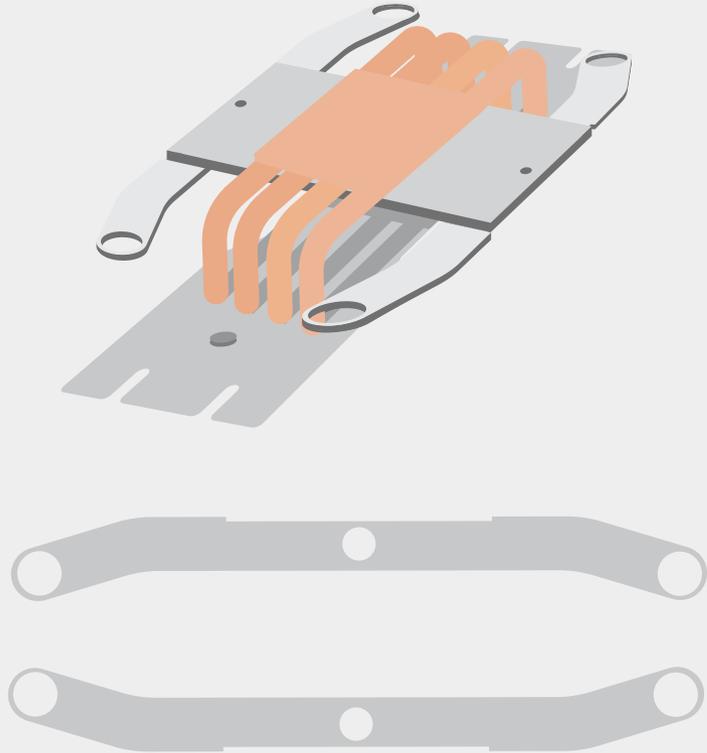
Once the tension is released, remove the fan from the heatsink by pulling upward on the fan clip. This should release the clip on the other side as well.

D

Remove Plastic From Underside

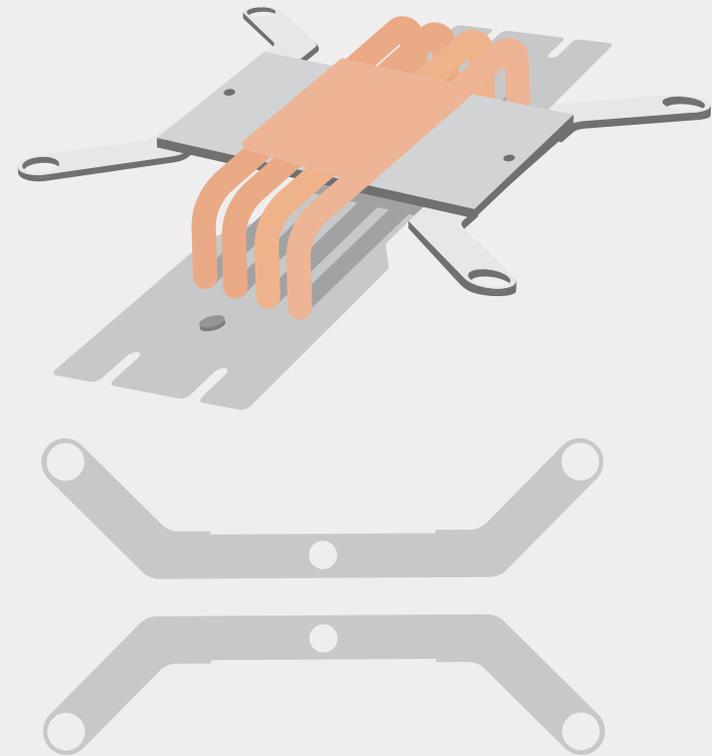
Make it a habit to check and remove any plastic coverings by the heat pipes to ensure cooling and thermal paste application.

AMD® CPU

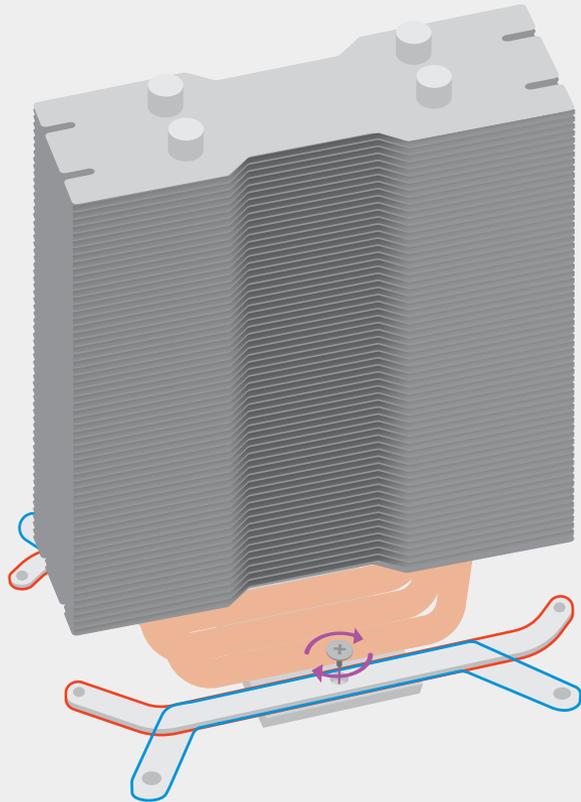


AMD® has longer & straighter brackets. Install so “C” shape is pointed towards the inside of the cooler.

Intel® CPU



Intel® brackets are shorter, more curved. Install so “C” shape is pointed towards the outside of the cooler.

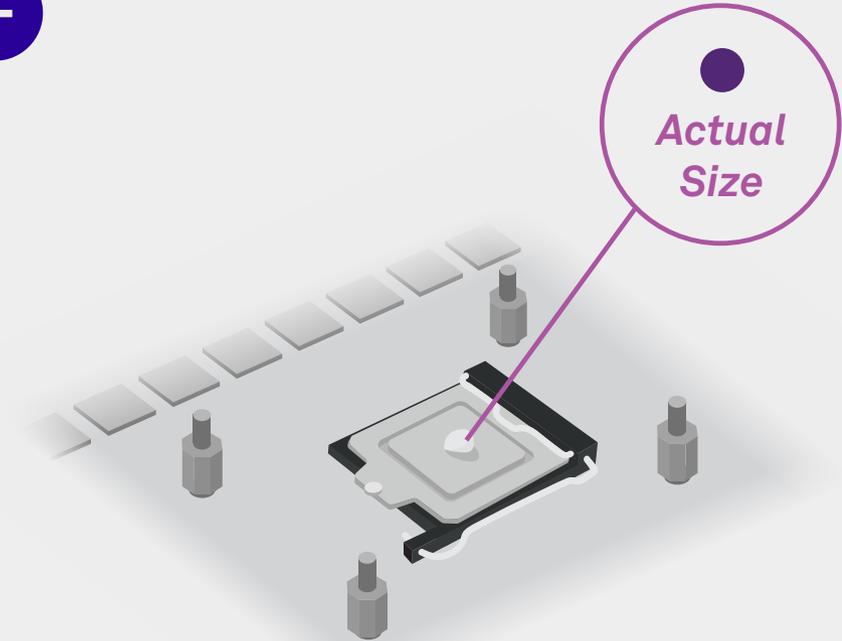
E

Attach the Brackets

Note: Red lines indicate silhouette of AMD® version.

Note: Blue lines indicate silhouette of Intel® version.

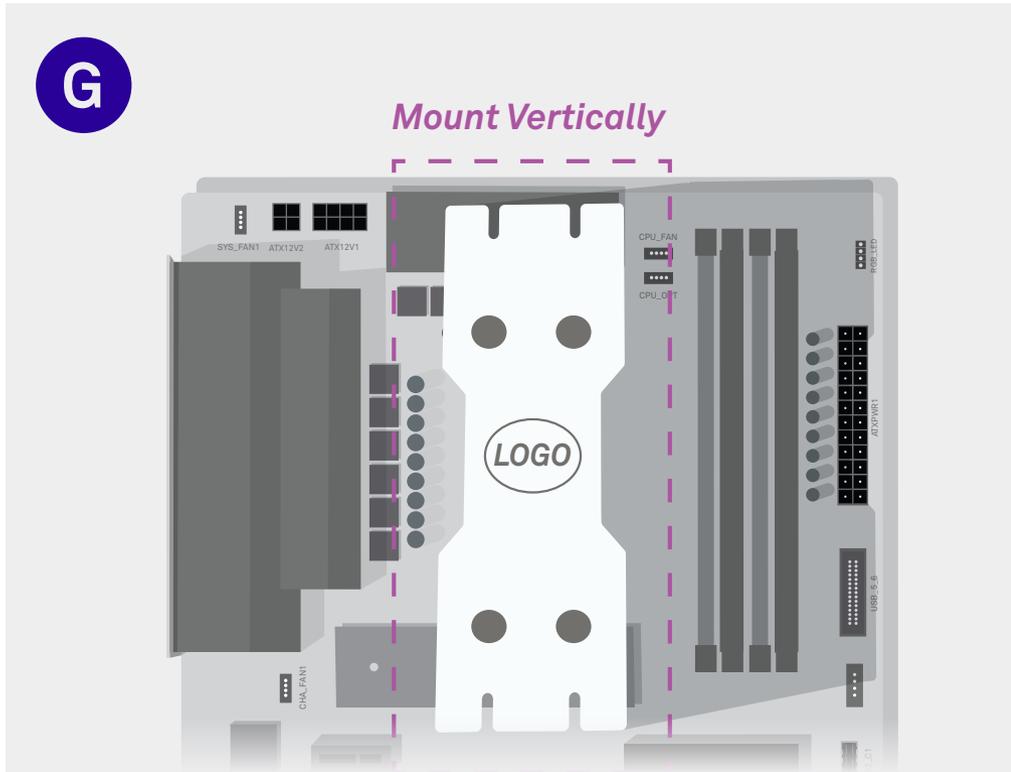
Screw the brackets that match your processor onto the heatsink using the 2 flat screws provided in the air cooler packaging. Do this before attaching the cooler to the motherboard.

F

Apply Thermal Paste

You will find thermal paste in your air cooler box. Apply roughly one pea-sized dab of thermal paste to the CPU.

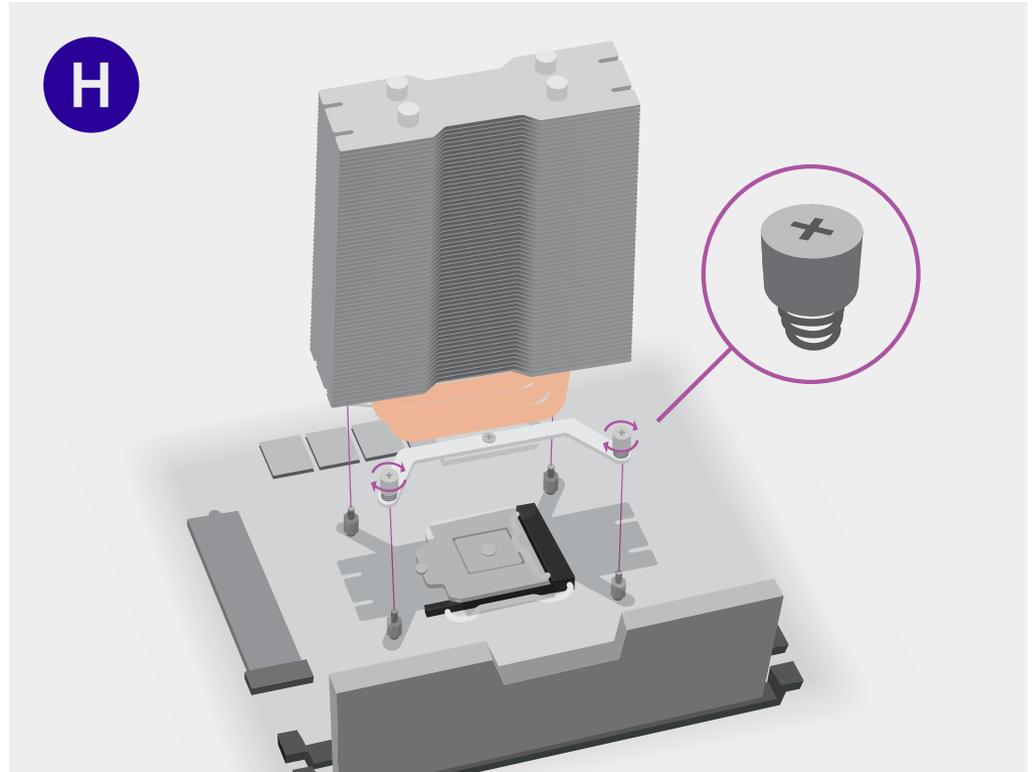
Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.



Keep Note of Orientation

Note: The cooler logo is a good indicator of proper orientation.

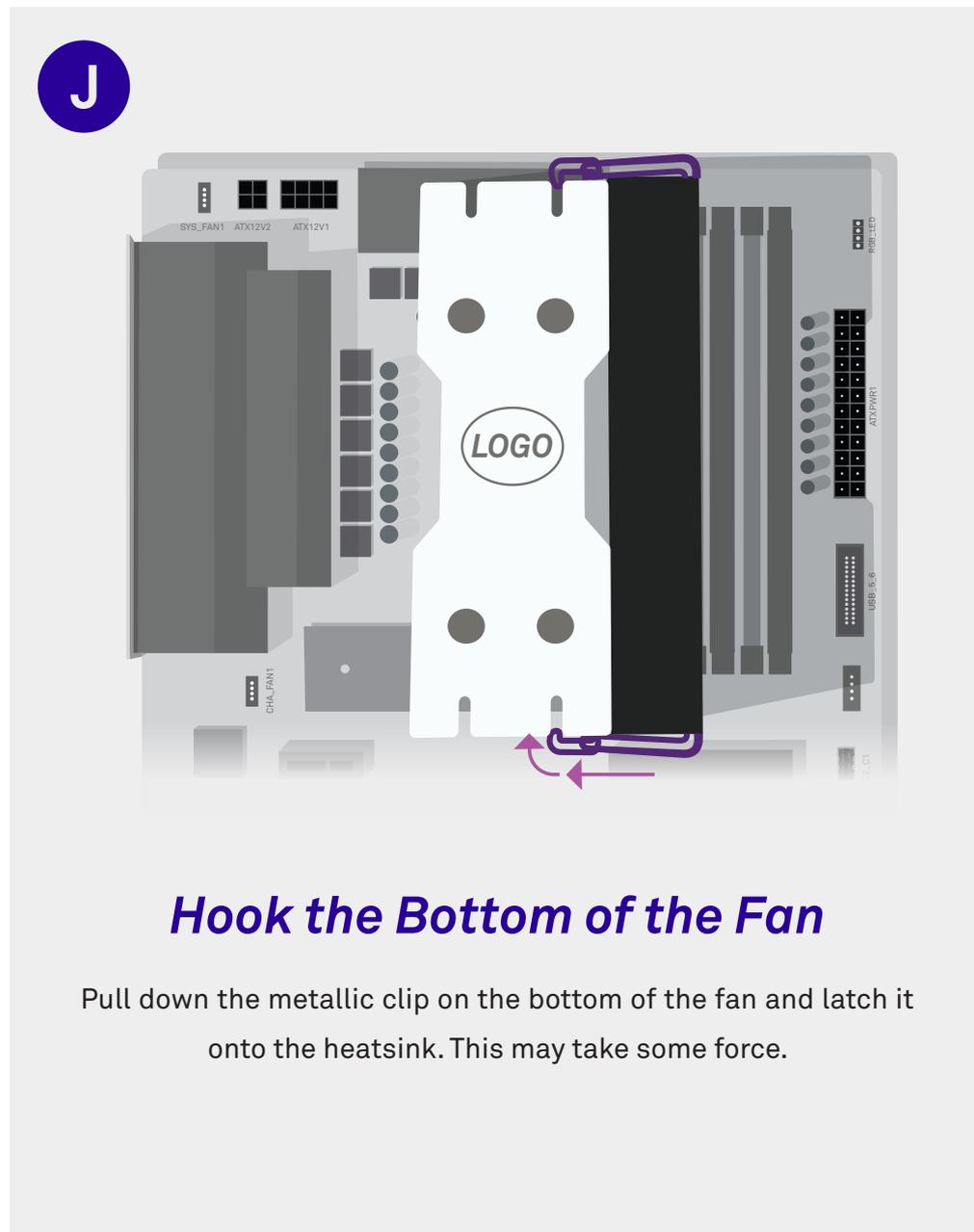
The CPU block should be mounted vertically for ideal airflow. We will be attaching the fan in the upcoming steps on the right side of the heatsink (facing the RAM).



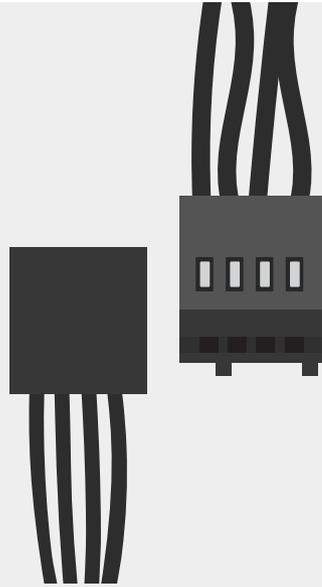
Attach the Heatsink

Example is of an Intel® installation seen from right side of the board.

You will find thumb screws in your air cooler box. Tighten the thumb screws with springs in an **X pattern** so that the pressure on the CPU is evenly distributed.



K

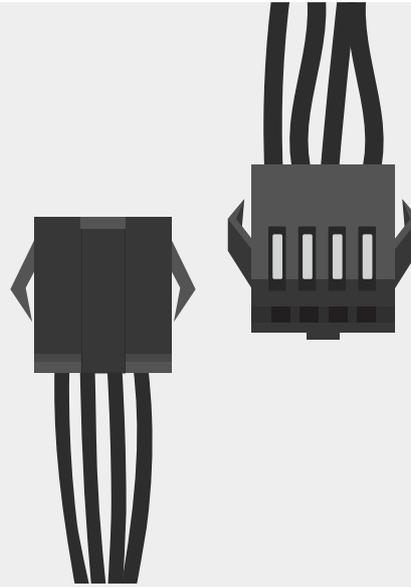


CPU Fan Cable

Installed on Step N.

Attached to the fan are **3 cables**. The cable that's separate from the other two is the CPU fan cable. It looks like the illustration above.

L

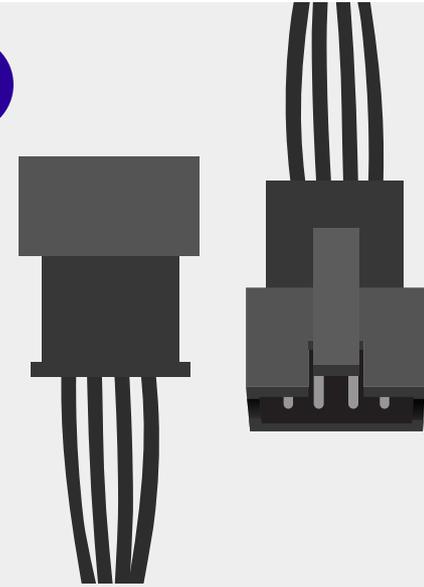


Fan RGB Cable

Installed on Steps O-Q.

Attached to the fan are **3 cables**. Two of the cables are connected. The fan RGB cable, as illustrated above, is the one that we will be plugging in. We will be using it to light up your fan.

M

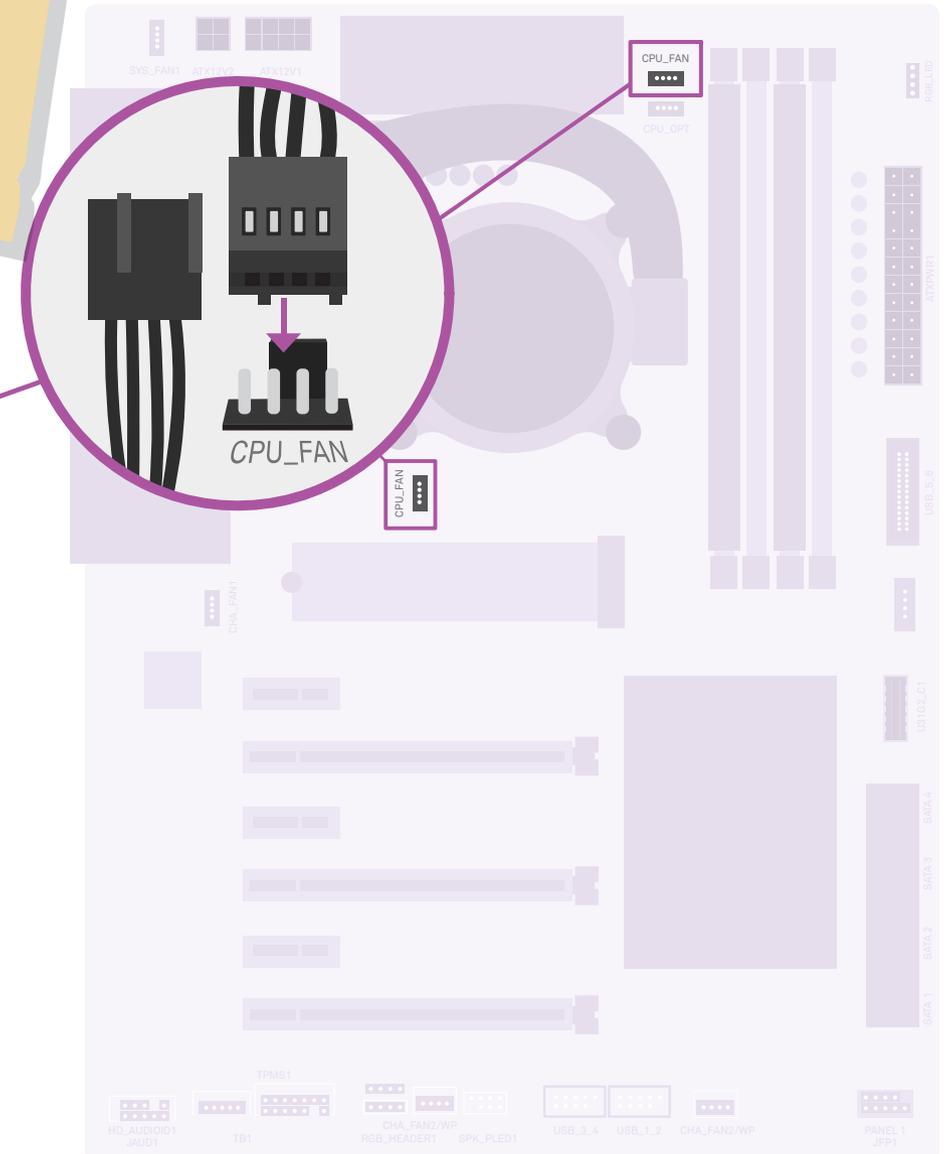
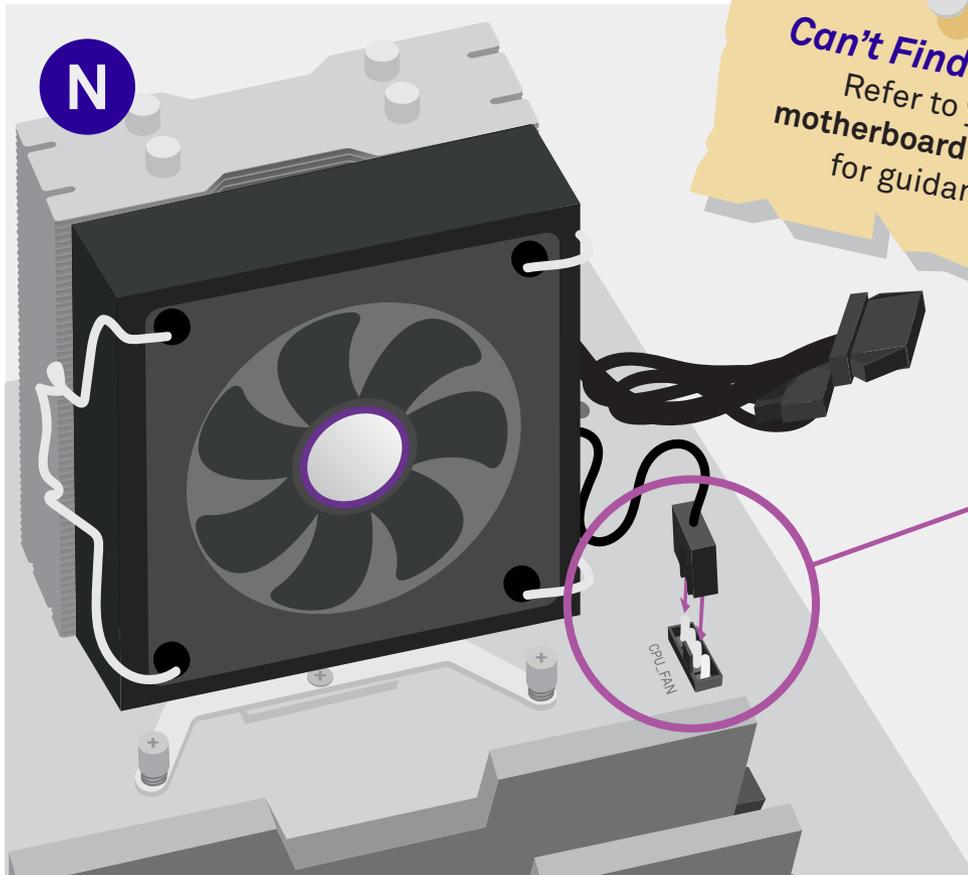


RGB Splitter

Not used for this build.

Ignore this Cable

The RGB Splitter that is **attached to the fan** will **not** be plugged in for this build.

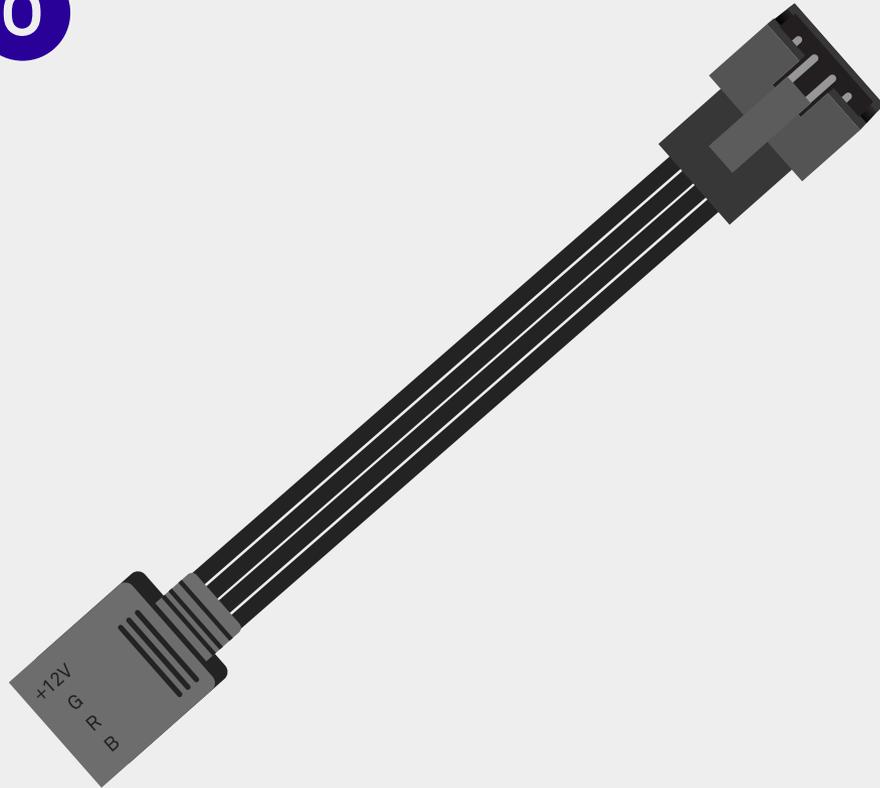


Wire the CPU Fan Cable

Connect the 4 pin CPU fan cable to a CPU_FAN 4 pin receiver.
Refer to Step K for help identifying the cable.



O

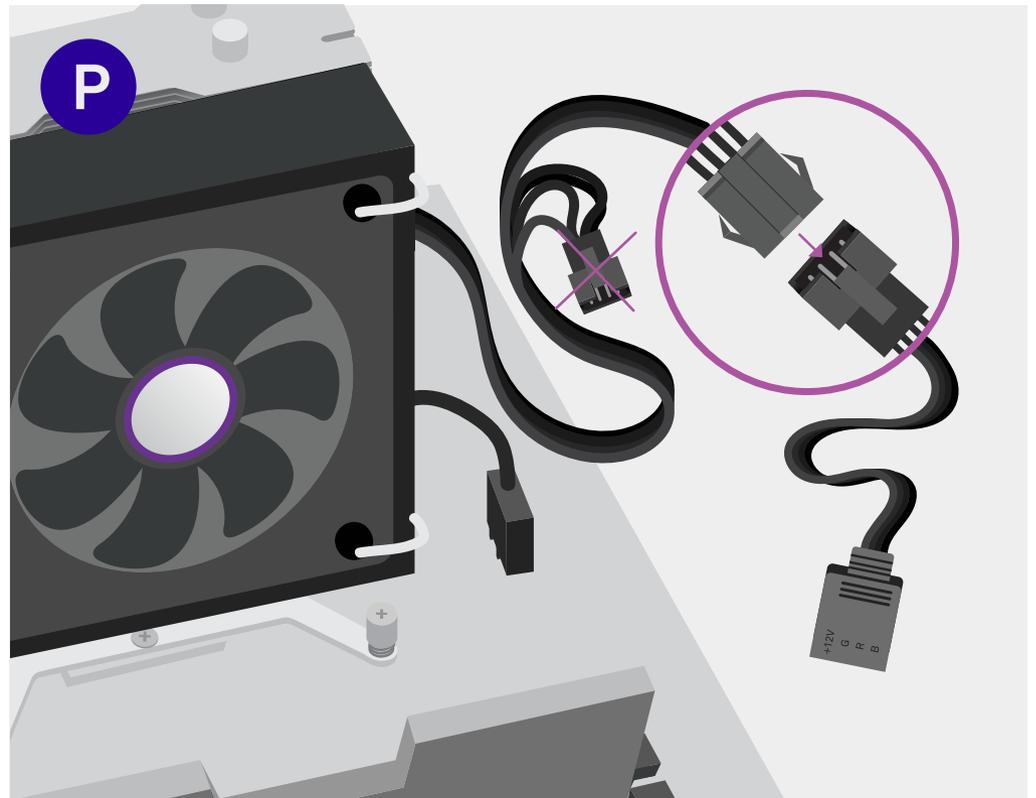


RGB Connector

Skip to page 144 if your fan is not RGB.

In the baggie included with your CPU cooler is an RGB connector cable. Pay close attention to the “+12V G R B” writing on the cable, as we will need to align those very precisely in a few steps.

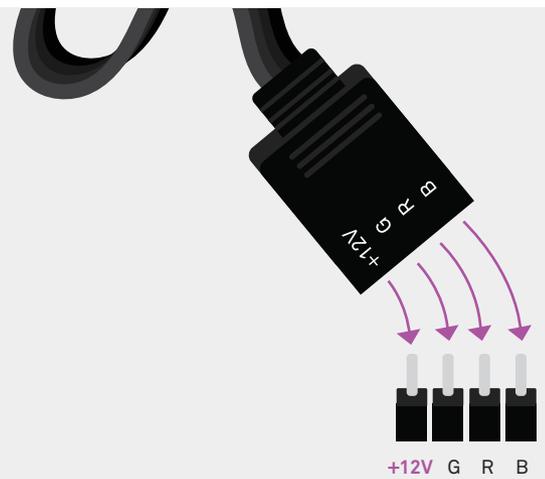
P



Plug in the Connector

Skip to page 144 if your fan is not RGB.

Plug the fan RGB cable into the RGB connector cable. You will have an extra RGB splitter cable hanging off your CPU fan. This is normal, leave that cable hanging or hide it away.



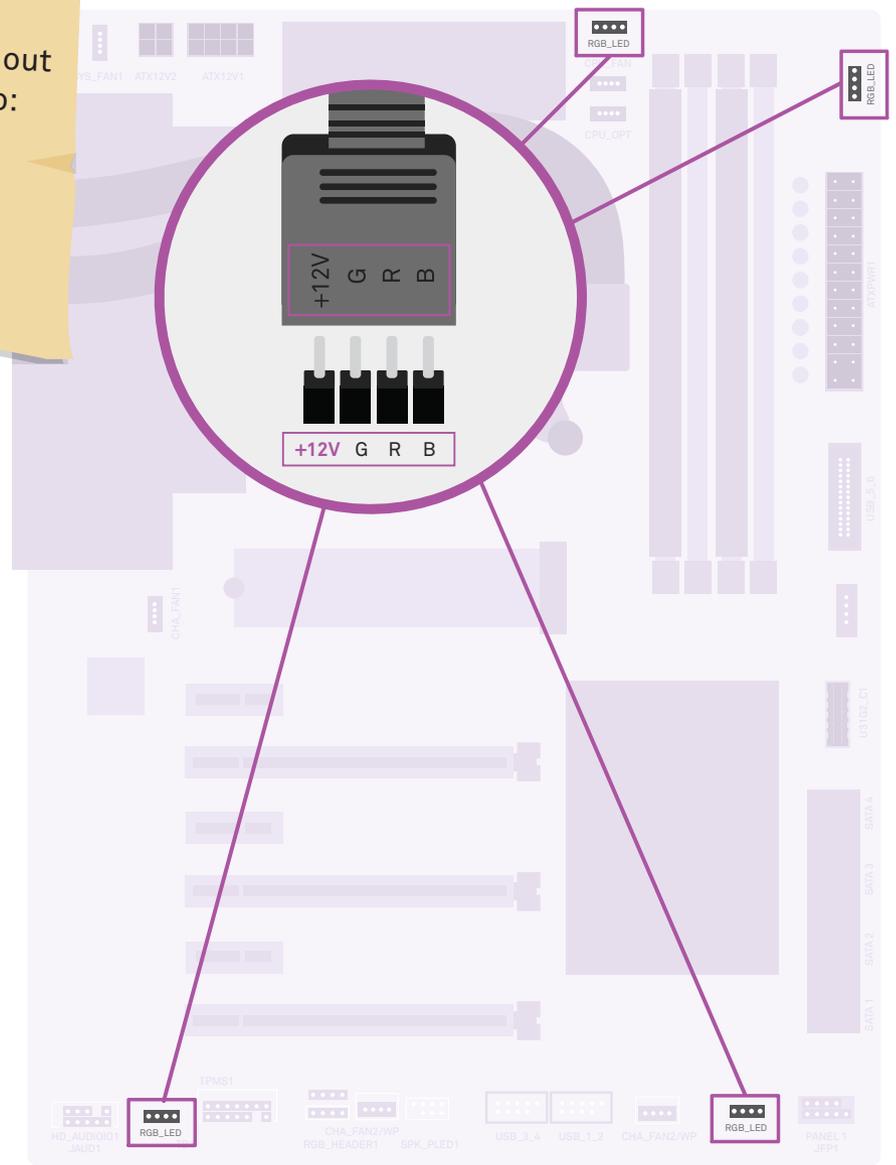
Need Help?
You can also check out
this step on video:

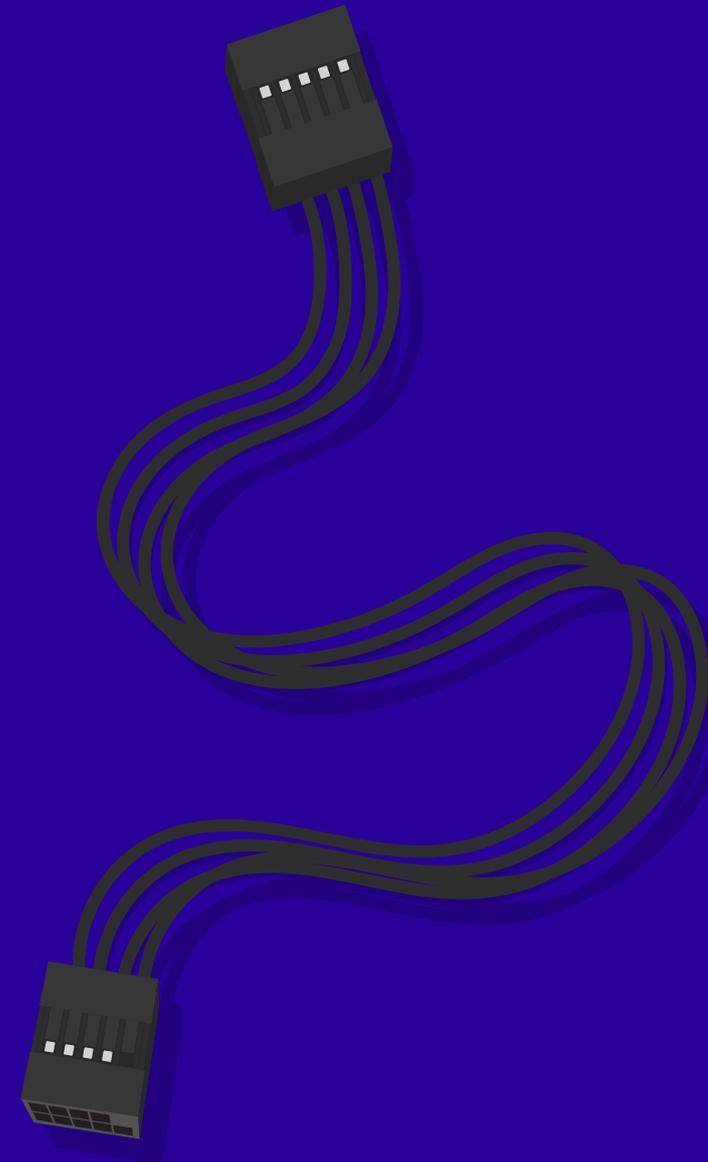
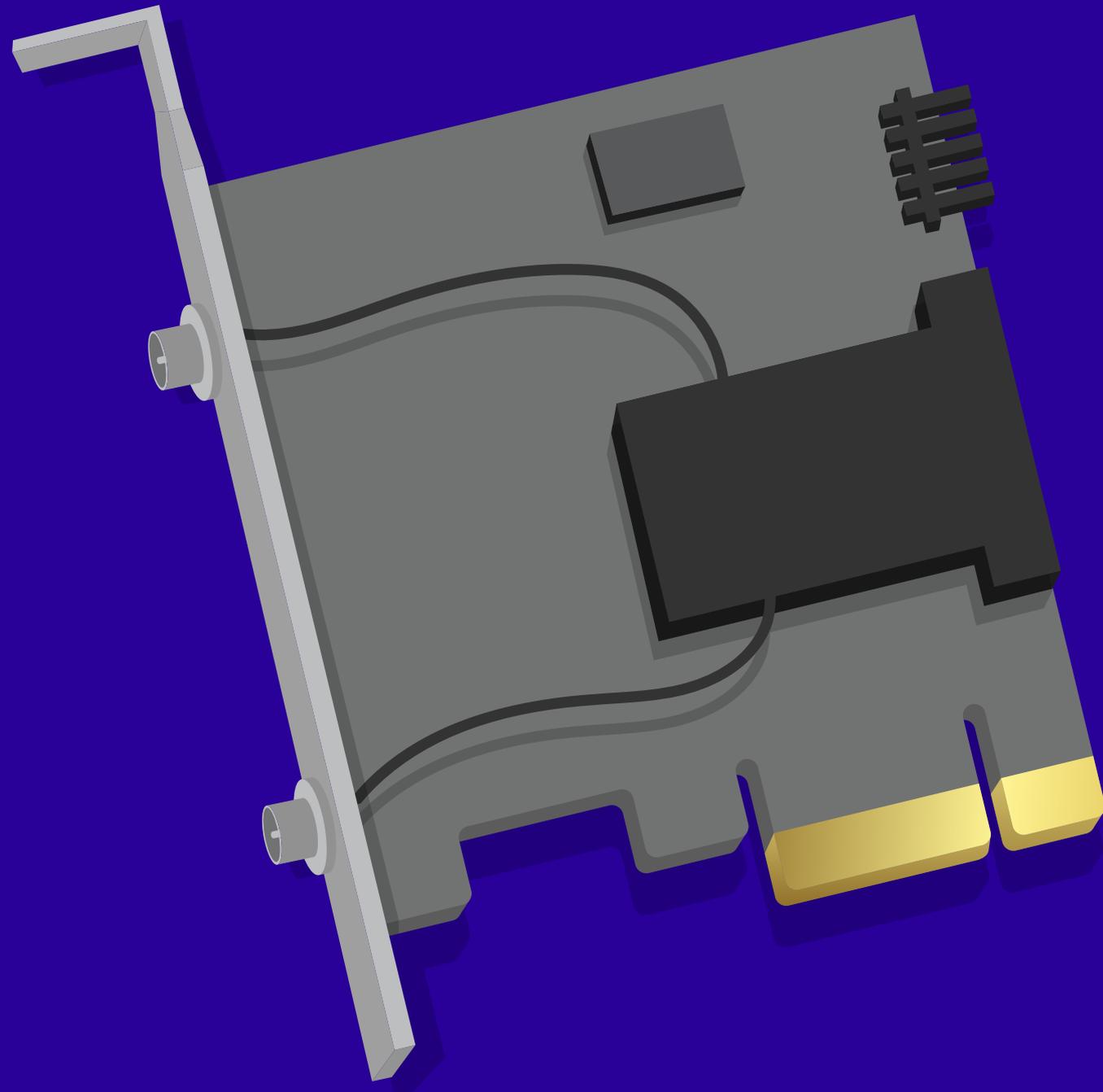
Wire the RGB

Skip to page 144 if your fan is not RGB.

Plug in the RGB aligning the “+12V” from the RGB connector and 12V on the motherboard. This can be a tricky port to find, as every motherboard manufacturer has a different name for this port.

Double check your motherboard manual if you can't find it.

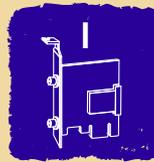




Level 10

Installing the Wi-Fi Card

Skip to page 154 if your motherboard came with on-board Wi-Fi (check sticker on packaging).



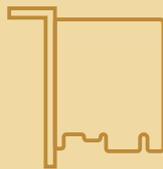
**This Icon Indicates
On-board Wi-Fi:**



(Found on Sticker)

What You'll Need

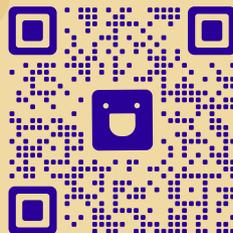
Wi-Fi Card



Screwdriver Handle

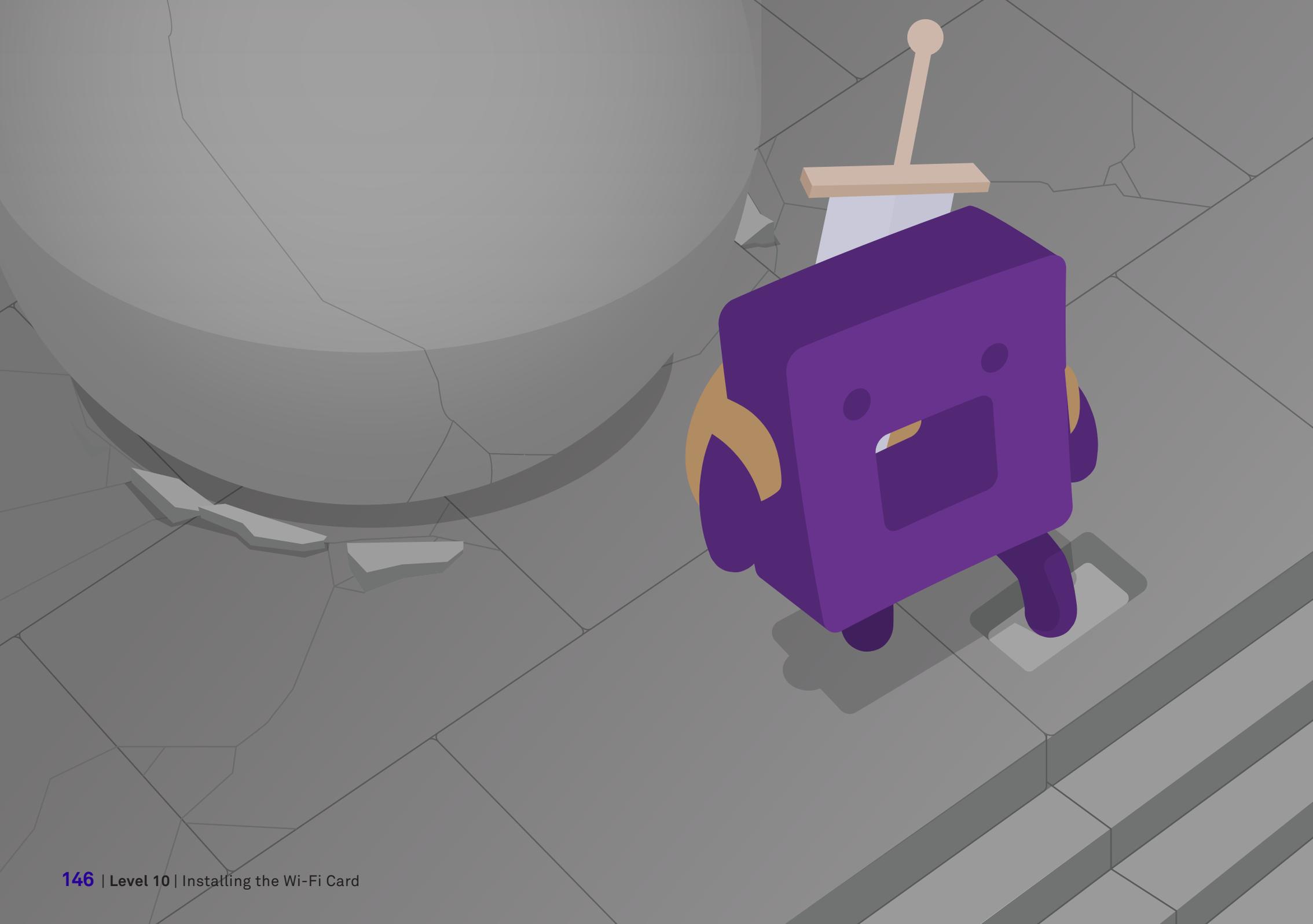


PH2 Bit



Video Walkthrough

If you get lost, know we are always here to help. Check out this step on video if you need additional guidance.









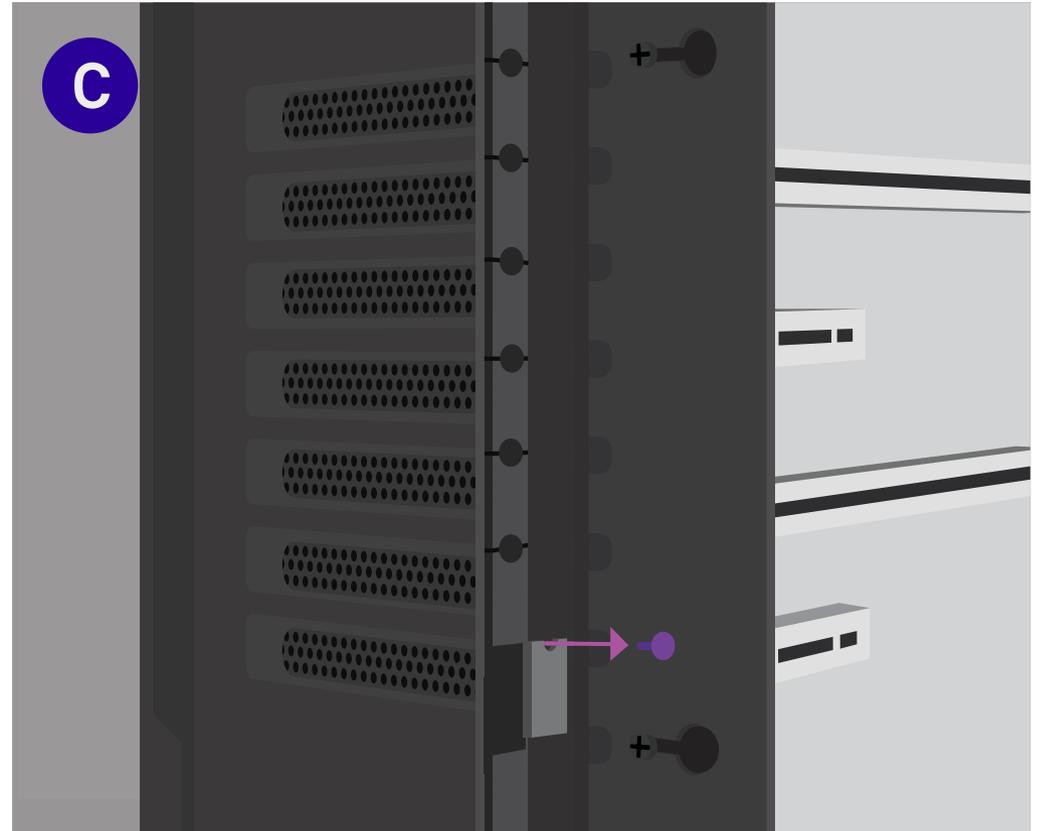


Slide out the Metal Panel

Note: Don't lose these screws.

On the rear of the PC, loosen the thumbscrews on the panel that is blocking the expansion slot covers. Slide the panel out of place.

Keep this panel unscrewed for now.

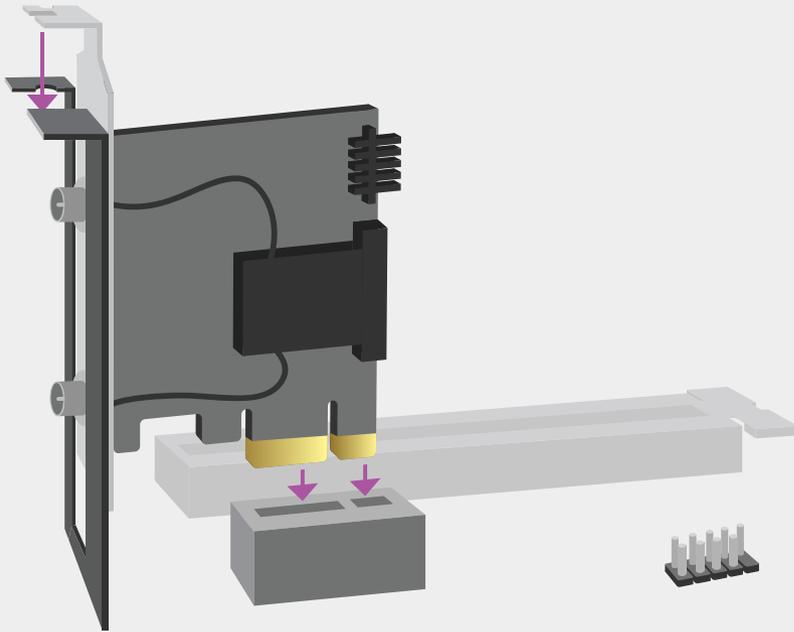


Remove an Expansion Slot Cover

Remove the expansion slot cover that corresponds to the bottom PCI lane by unscrewing it from the case.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.

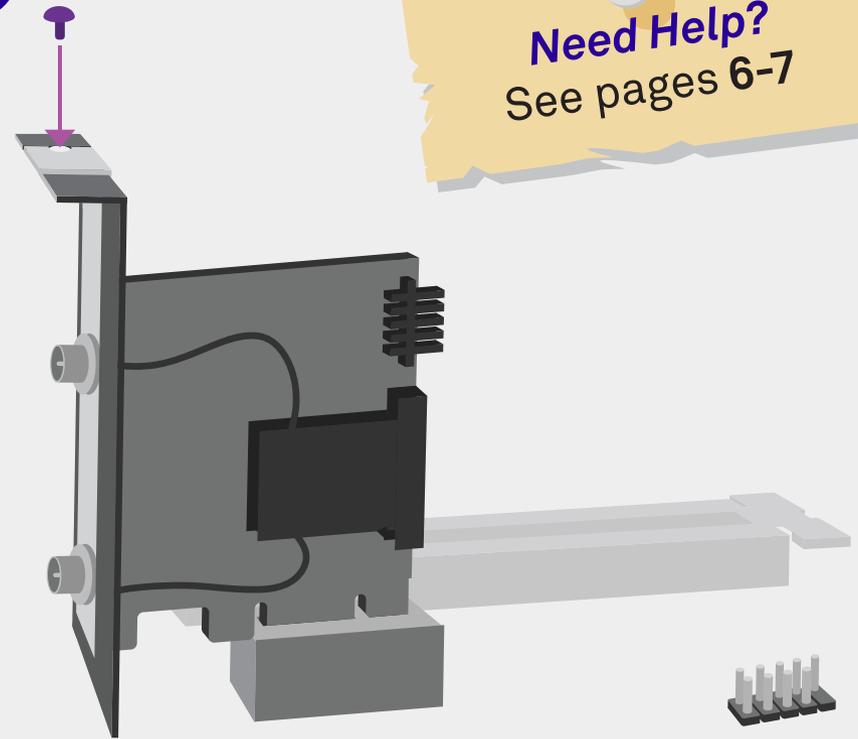
D



Install the Wi-Fi Card

Plug the Wi-Fi card into the PCI slot closest to the bottom of your motherboard.

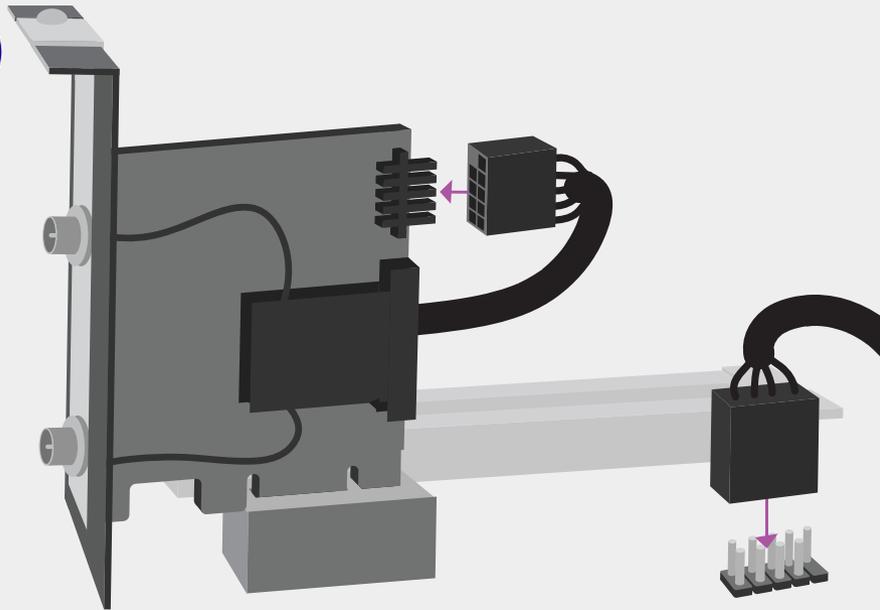
E



Secure the Wi-Fi Card

Secure the Wi-Fi card by screwing it into the case using the screw you removed on step C.

F



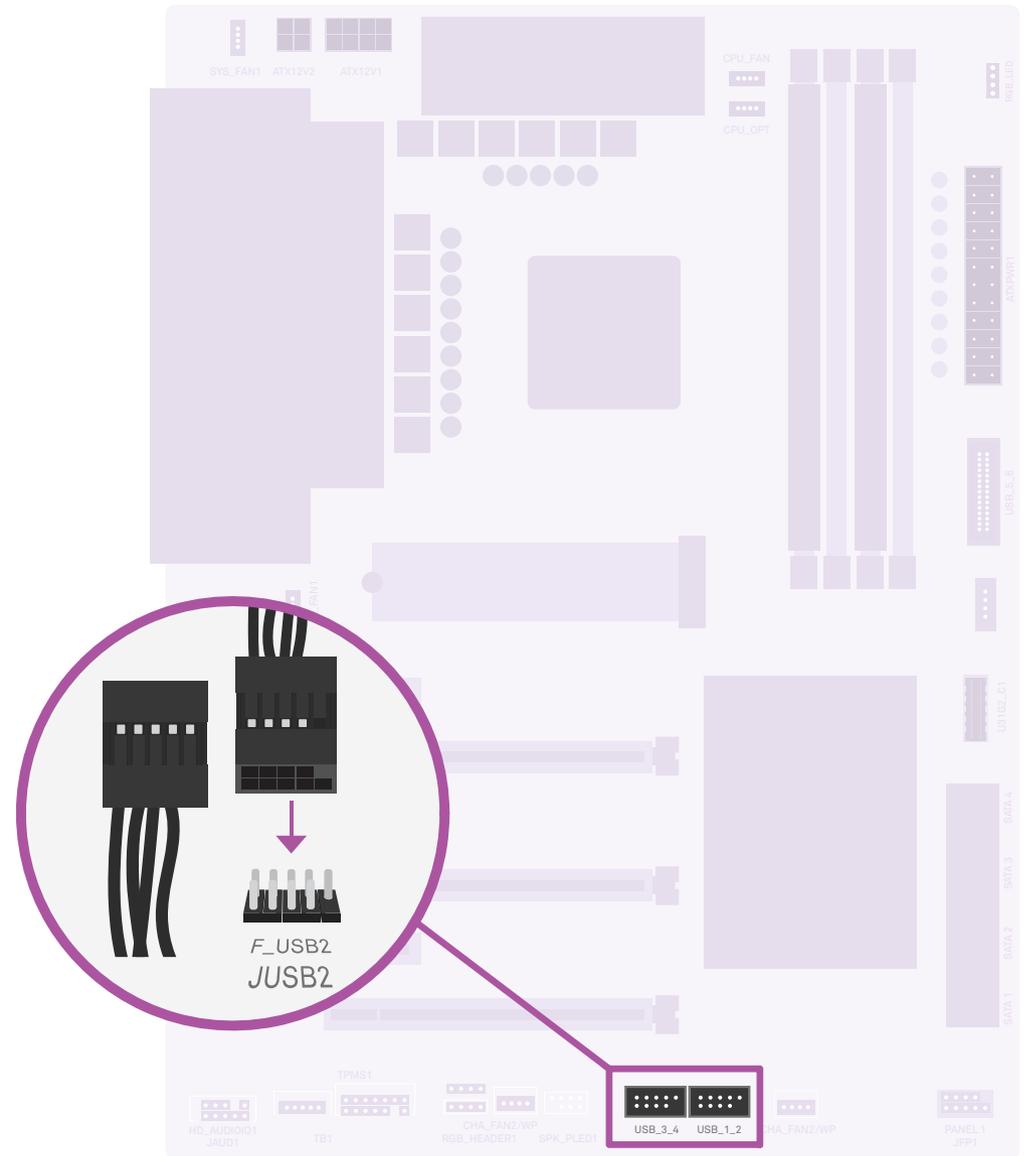
Plug in the Wi-Fi Card

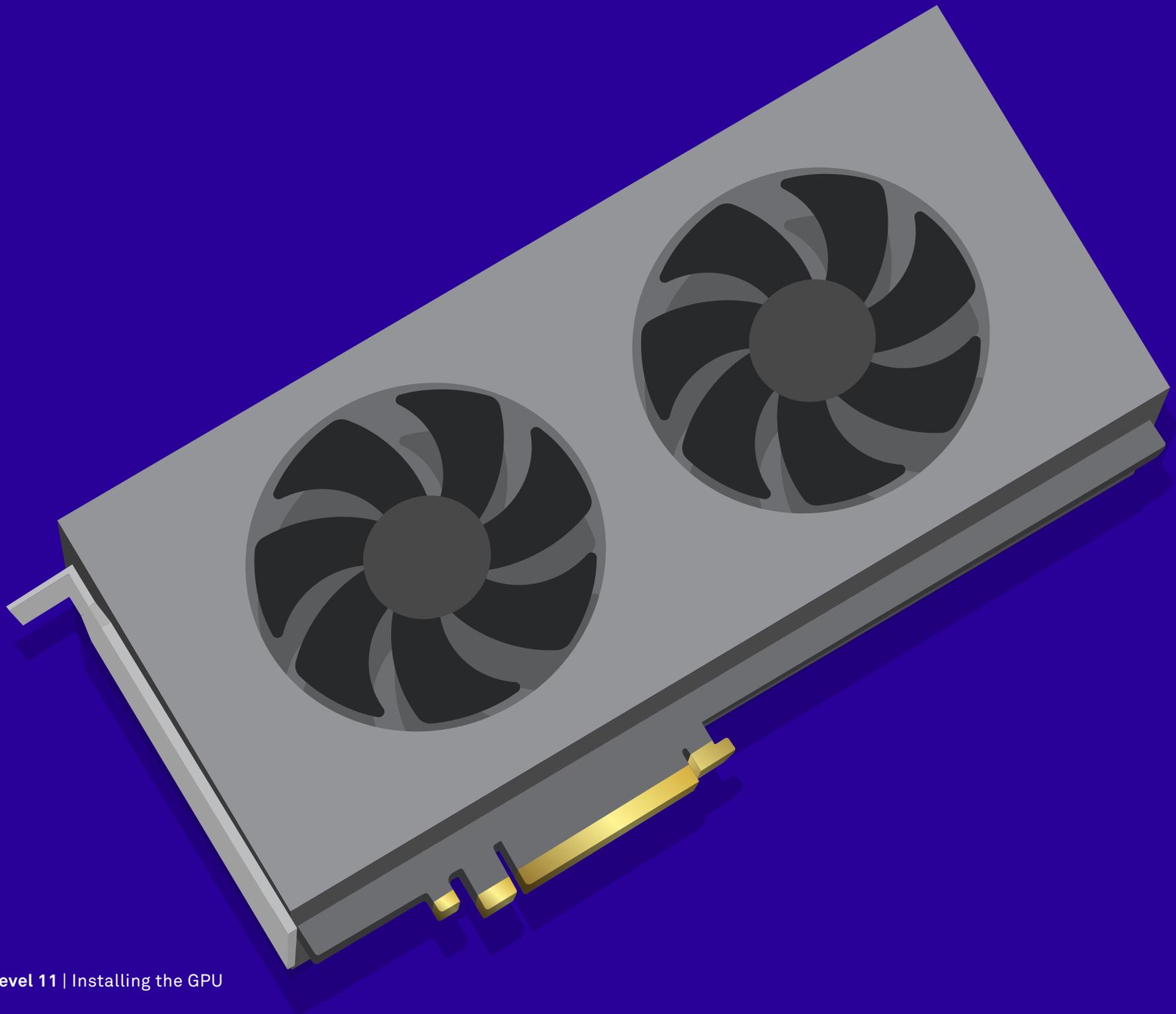
Align the **plugged hole** on the wire with the **one missing pin** out of ten on the motherboard port.

Run the cable to an available USB2 port on the motherboard, hiding the cable if possible. Either end will fit into either port.



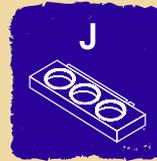
JUSB2
OR
F_USB2
OR
USB_1_2



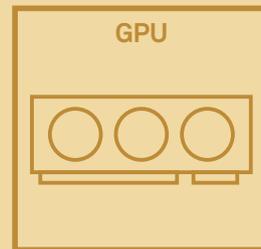


Level 11

Installing the GPU



What You'll Need



Video Walkthrough

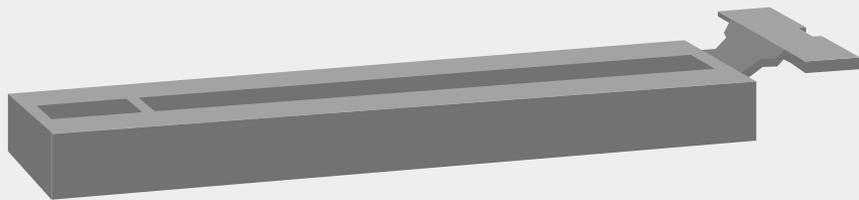
If you get lost, know we are always here to help. Check out this step on video if you need additional guidance.

You've Found A New Artifact!

You come into a large chamber with an ancient GPU hanging high above the pathway. You will need to solve the ancient puzzle and properly seat the GPU if you want to proceed to the next room. But be really careful! The GPU appears to be a very rare and valuable treasure.



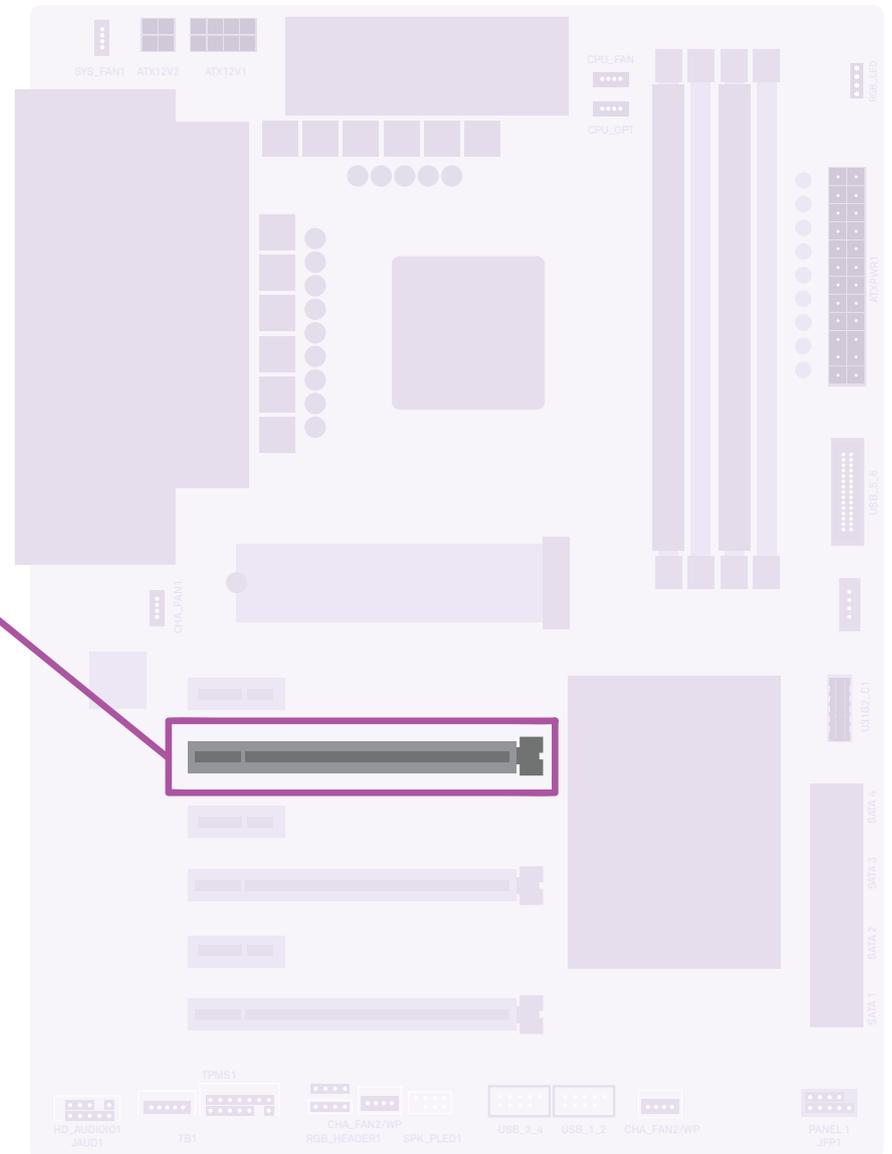
A



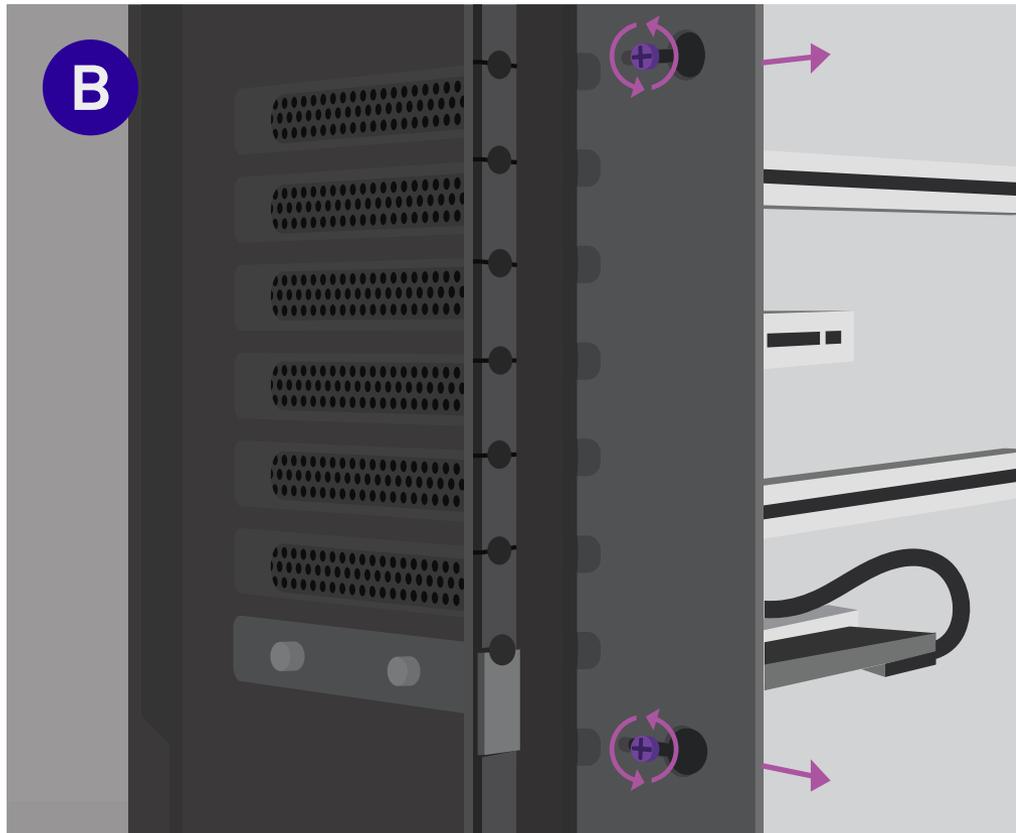
Locate the Top PCI-E Lane

Use the top most PCI-E lane.

On the bottom left side of the motherboard you will find all the PCI-E lanes. Locate the top PCI-E lane for the GPU installation.



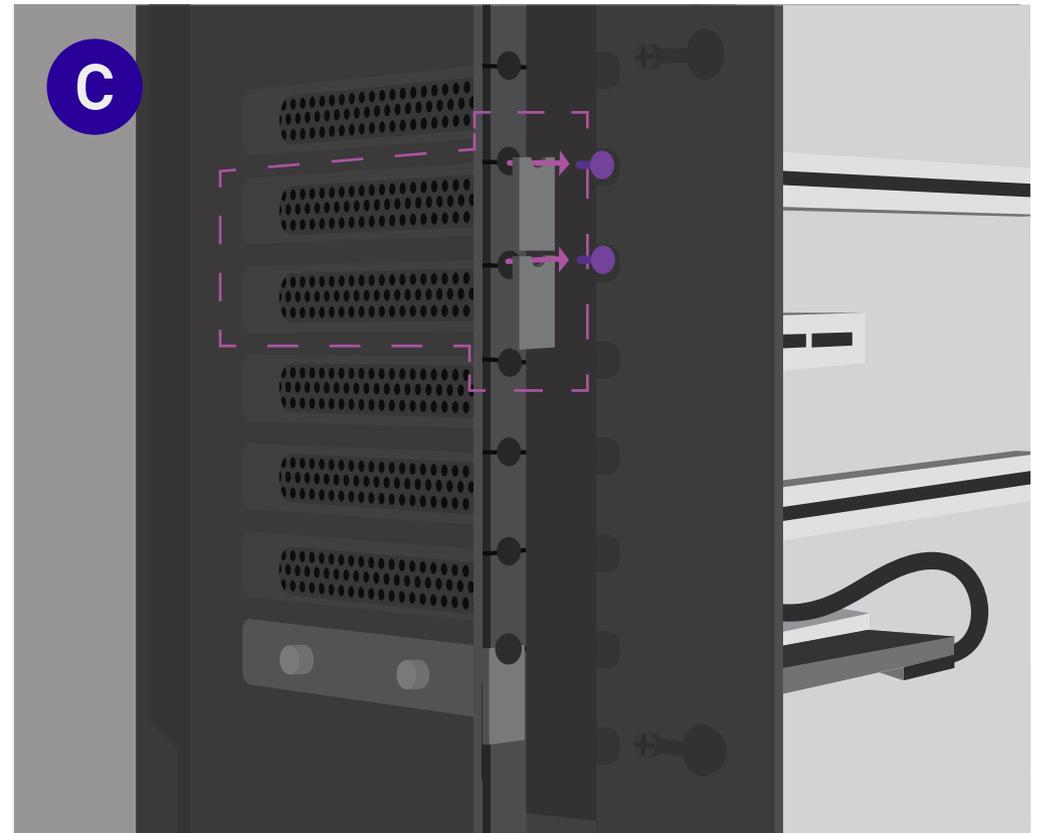
Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.



Slide out the Metal Panel

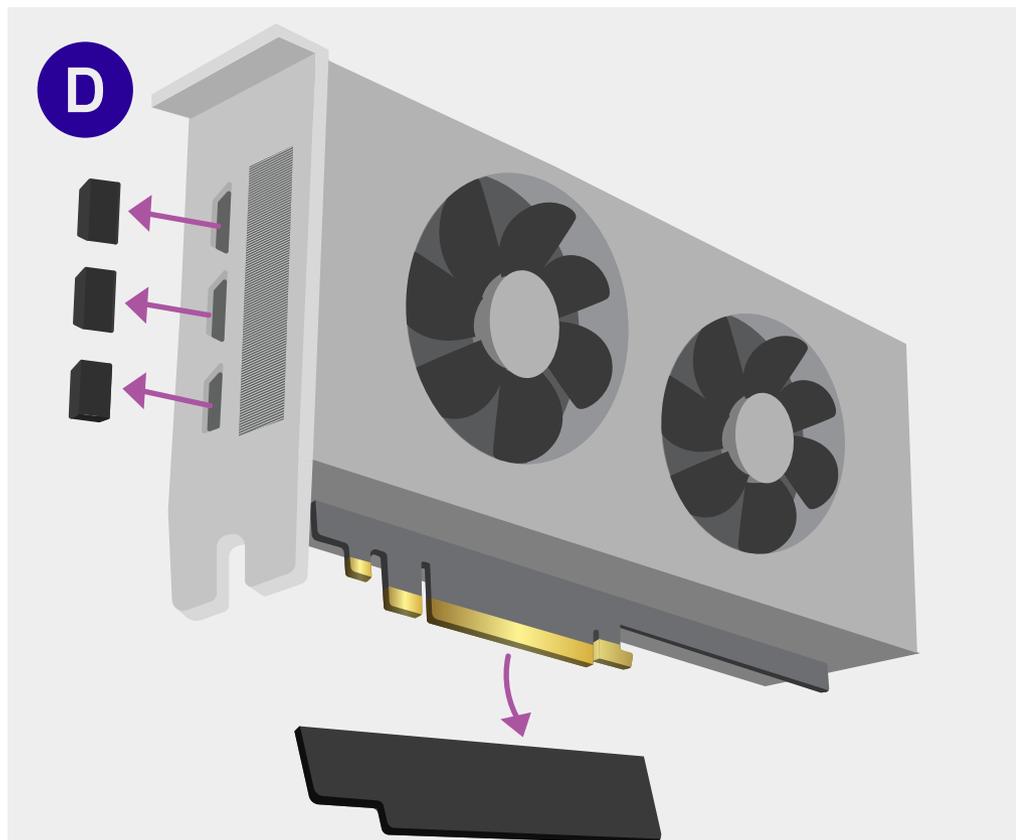
Note: Do not lose these screws.

If you haven't already, on the rear of the PC, loosen the thumbscrews on the panel that is blocking the expansion slot covers. Slide the panel out of place. Keep this panel unscrewed for now.



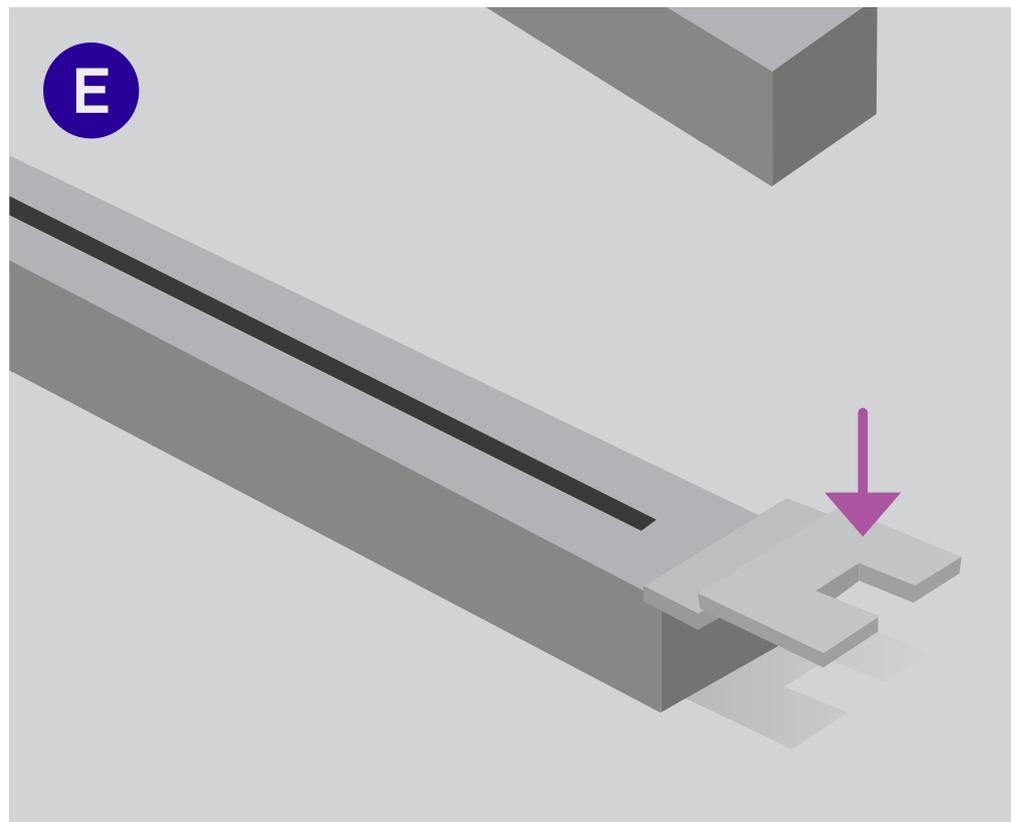
Remove Rear Expansion Slot Covers

Unscrew the expansion slot covers (usually covers **2 and 3 from the top**) located at the rear of the PC corresponding the top most PCI-E lane, near the processor. Keep screws for step H.



Remove Pin Cover

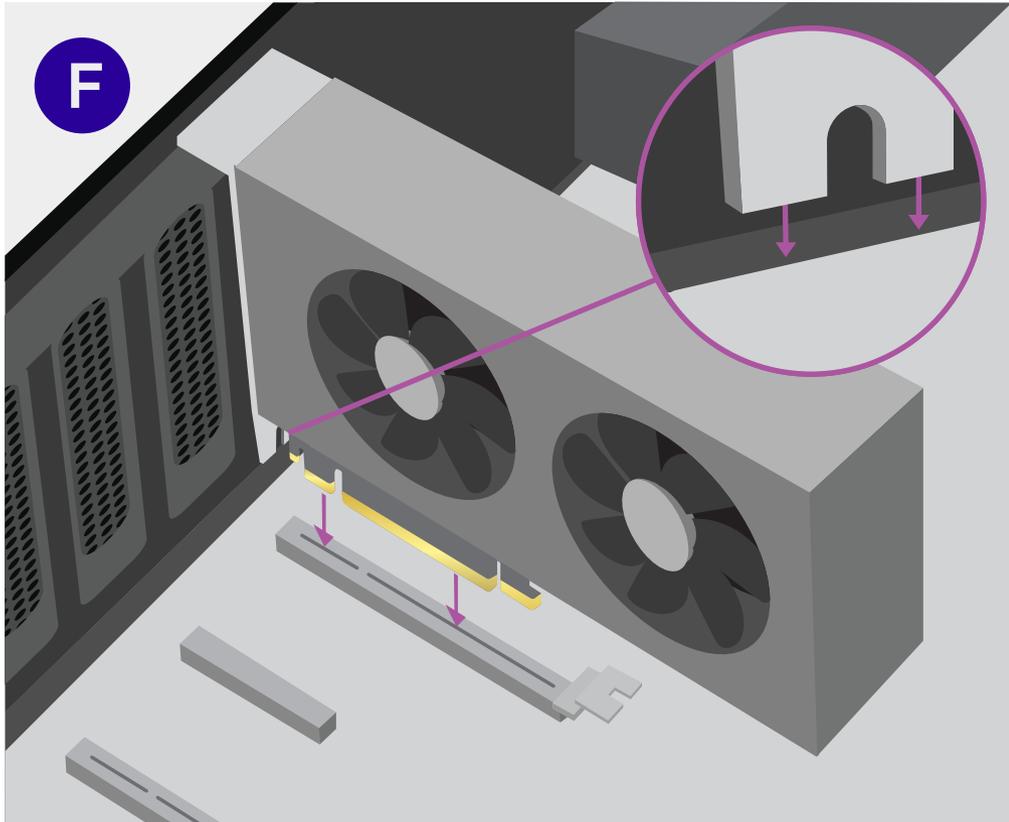
Remove the plastic plugs in the GPU ports and the plastic cover that is protecting the golden pins of the GPU.



Open the PCI-E Slot

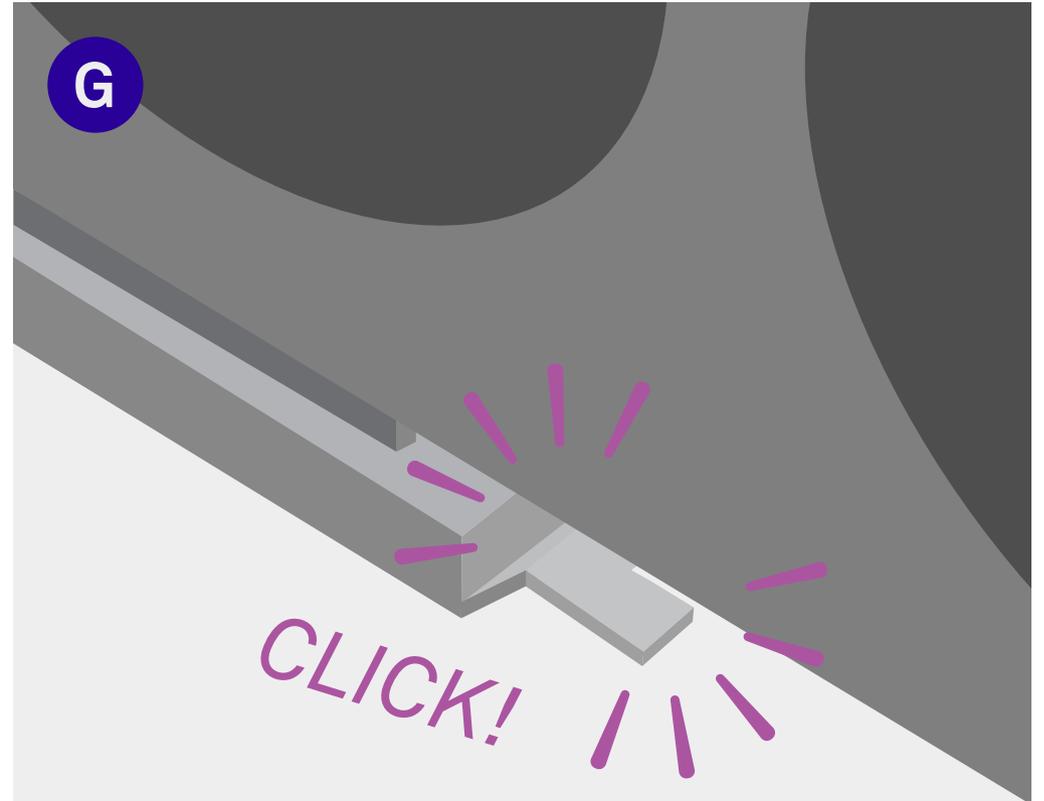
Press down on the wing of the **top most** PCI-E lane.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.



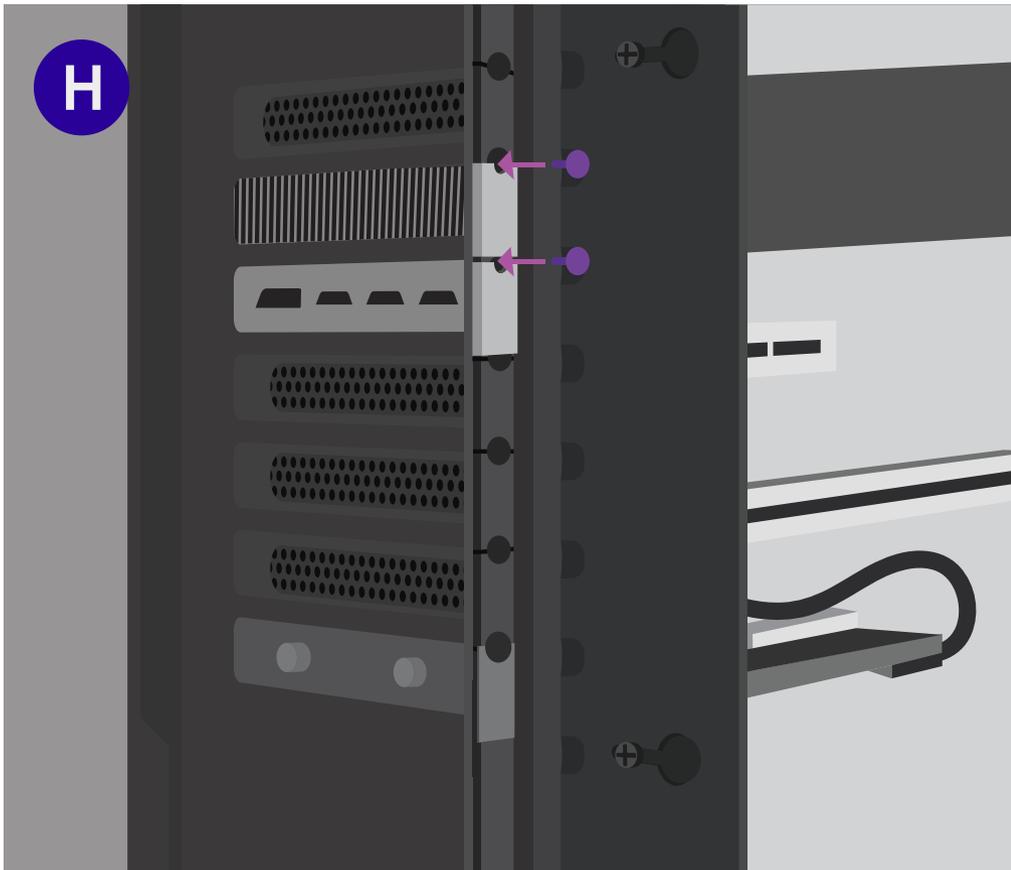
Insert the GPU

Insert the GPU into the **top most PCI-E lane** so that the ports align with the openings on the lane. The two teeth of the GPU PCI-E cover will slide in between the case and motherboard.



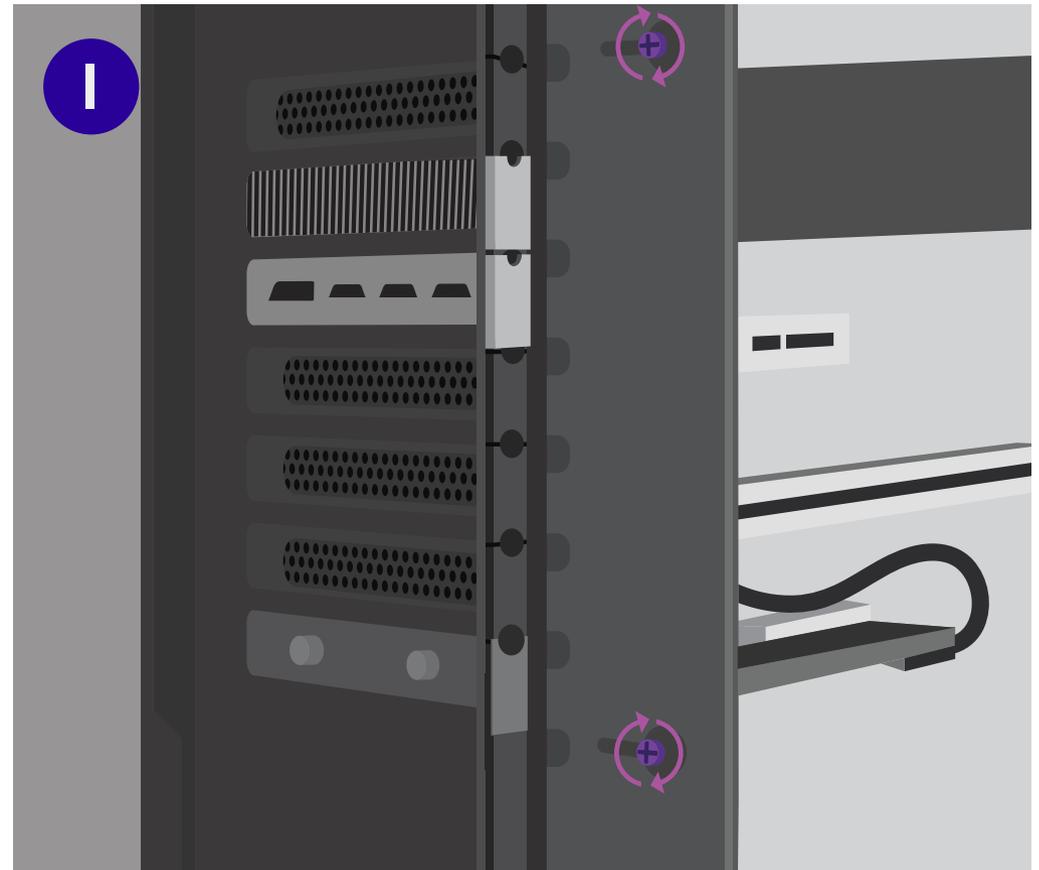
Ensure Proper Seating

The PCI-E lane will audibly click when the GPU is properly seated in the lane.



Secure the GPU

Fasten the same screws you removed on step C to firmly hold the GPU in place.

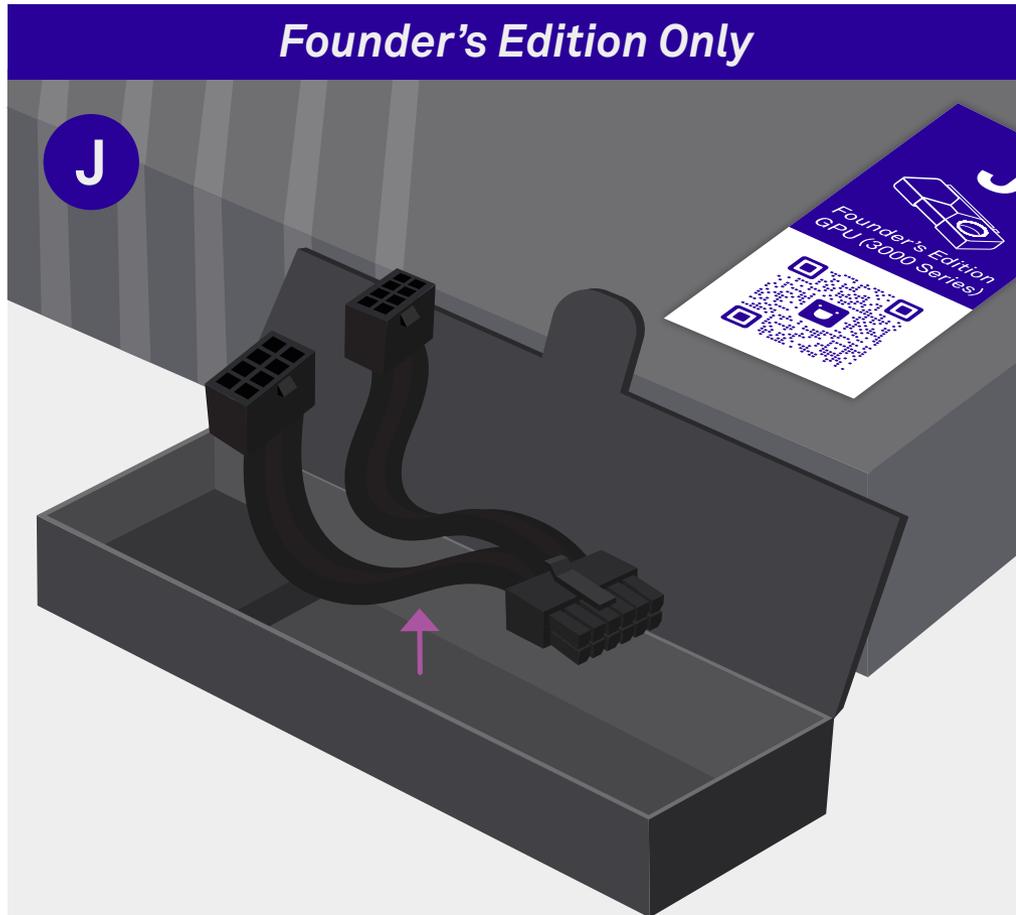


Bring Down the Metal Panel

Slide the metal panel back into place and secure it by tightening the thumb screws.

Founder's Edition Only

J



Locate the 12-Pin Connector

If your GPU sticker doesn't say "Founder's Edition", skip to step M.

If you have a **Founder's Edition** card, underneath the GPU, you will find a box containing a connector cable and GPU manuals. Take the connector out of the box at this stage.

Founder's Edition Only

K

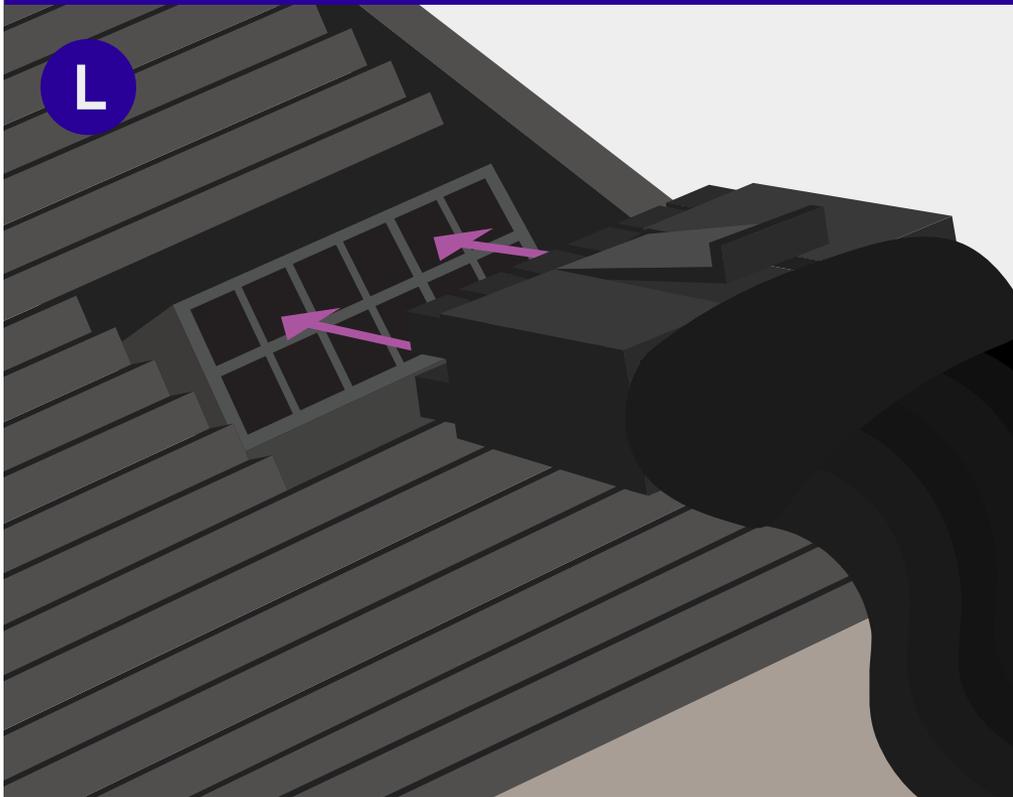


Plug the VGA / PCI-E Cables into the 12-Pin Connector

If your GPU Sticker doesn't say "Founder's Edition", skip to Step M.

If you have a **Founder's Edition** card, connect the two VGA / PCI-E cables that you set aside on your PSU shroud (in your computer) into the 12-pin connector cable that came with your GPU.

Founder's Edition Only

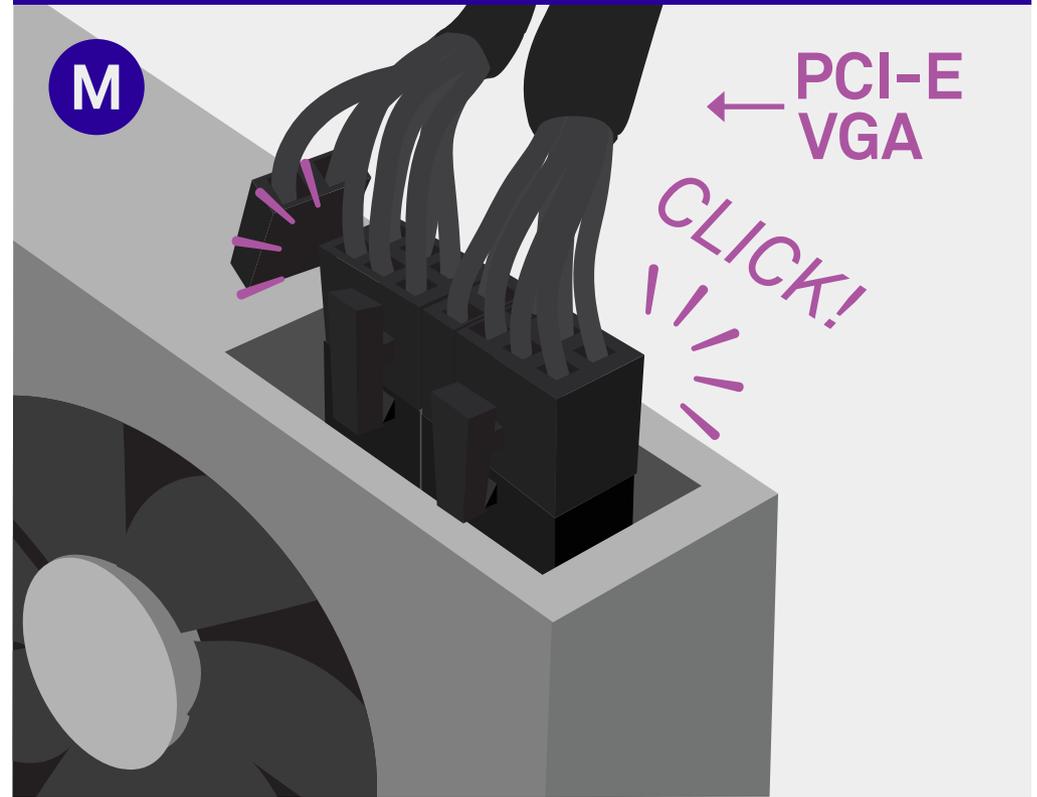


Plug the 12-Pin Connector

If your GPU sticker doesn't say "Founder's Edition", skip to step M.

If you have a Founder's Edition card, plug the 12-Pin cable into the GPU so that the hook aligns with the top clip.

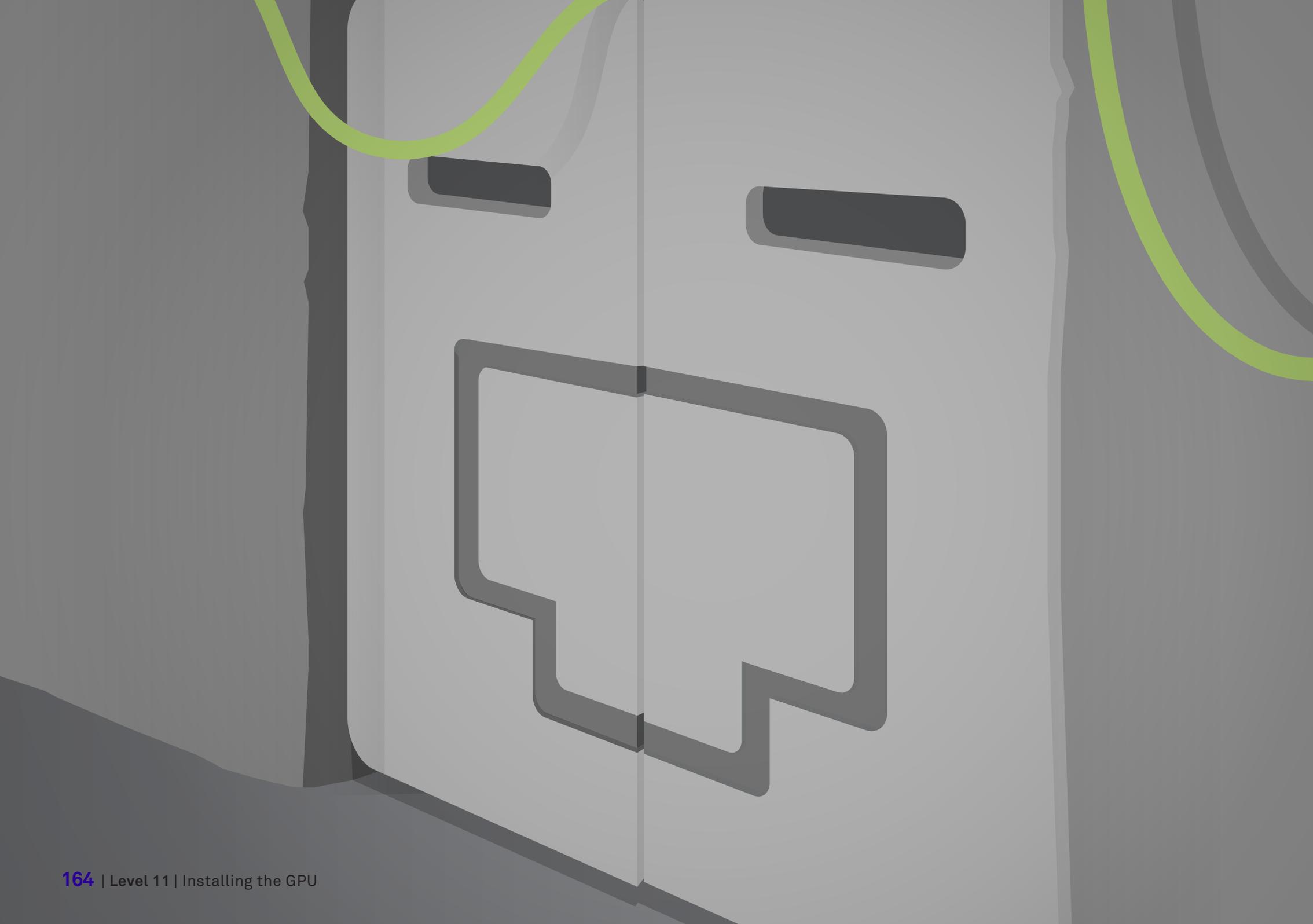
Non-Founder's Edition GPUs

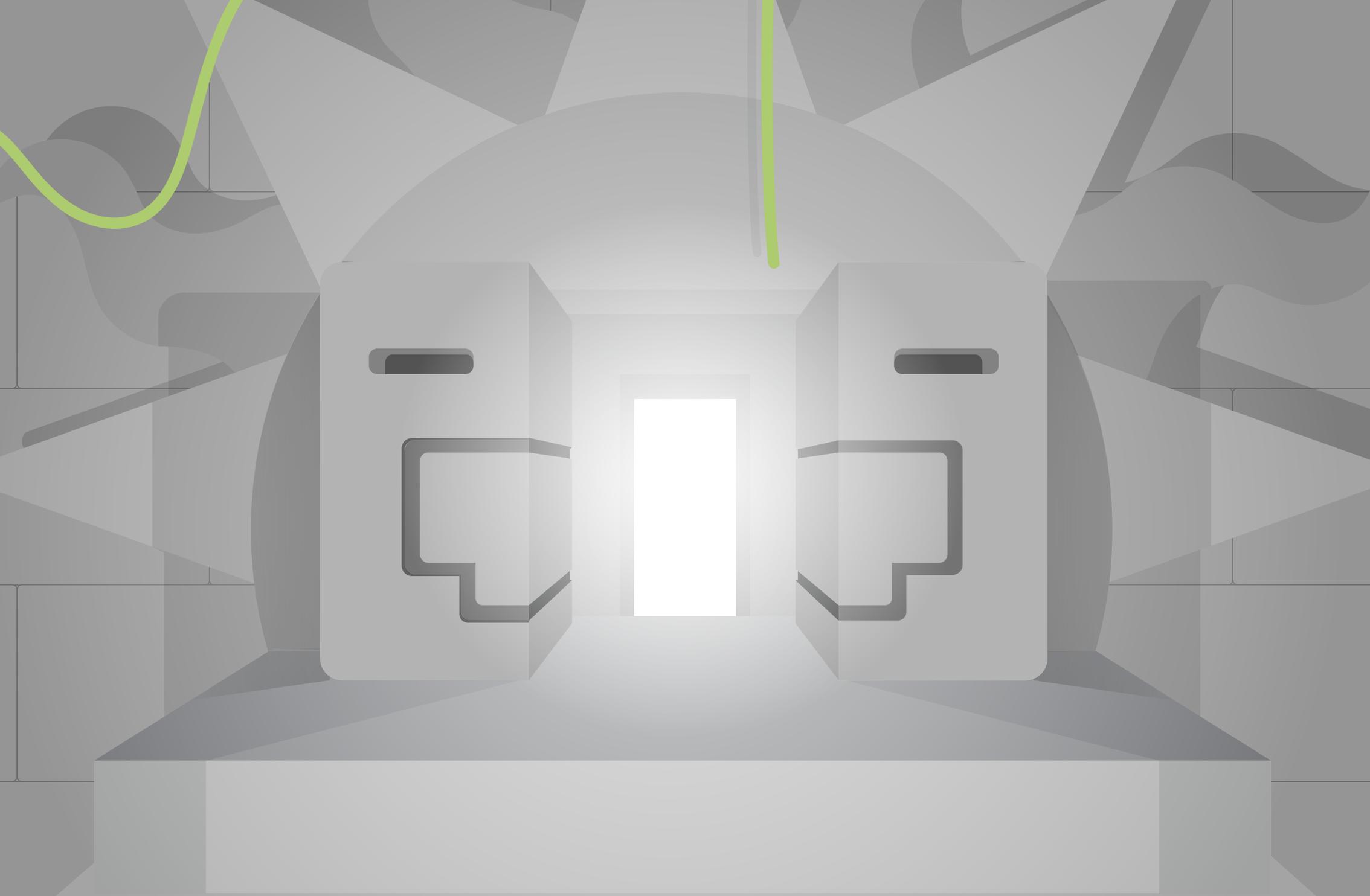


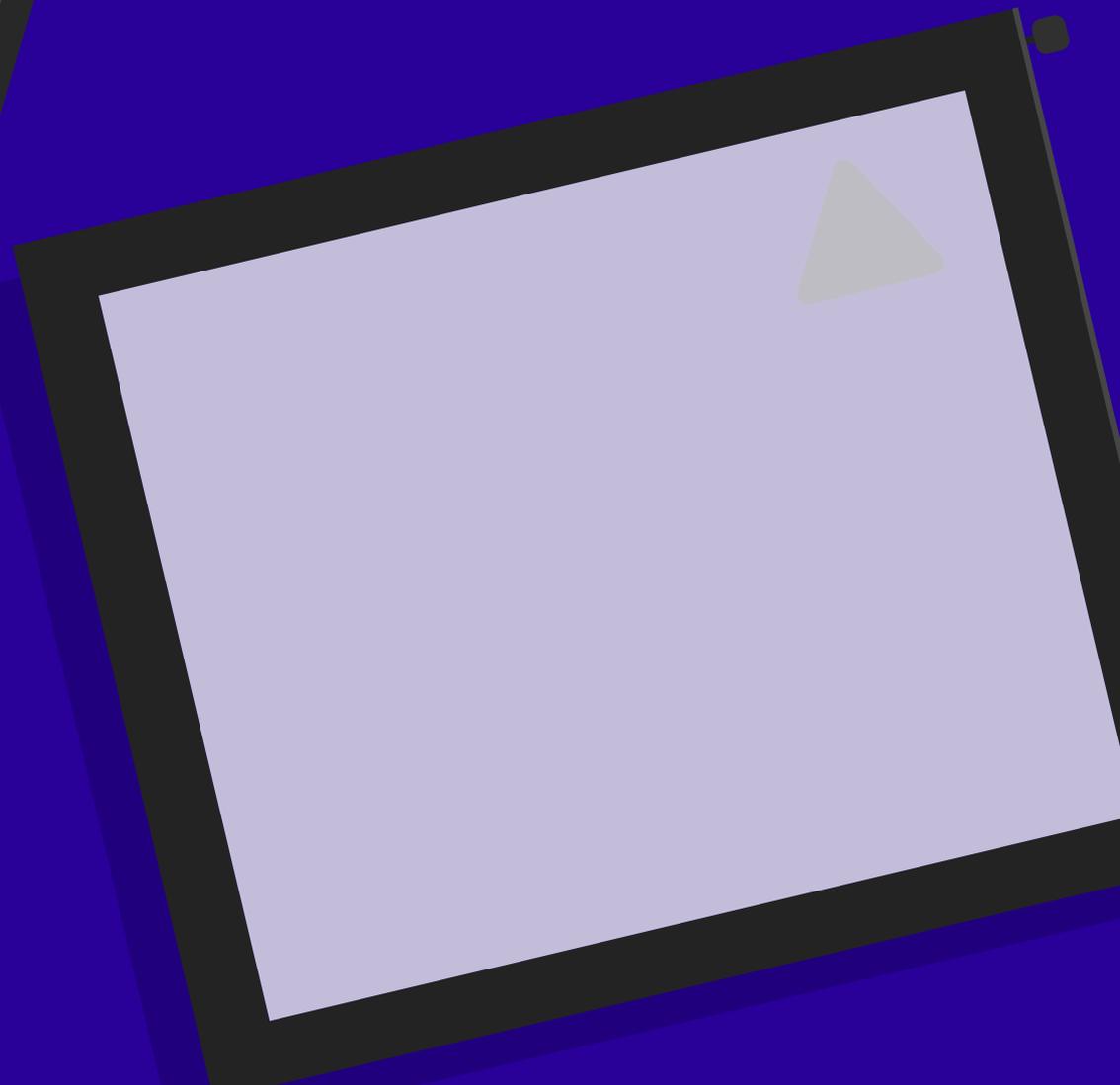
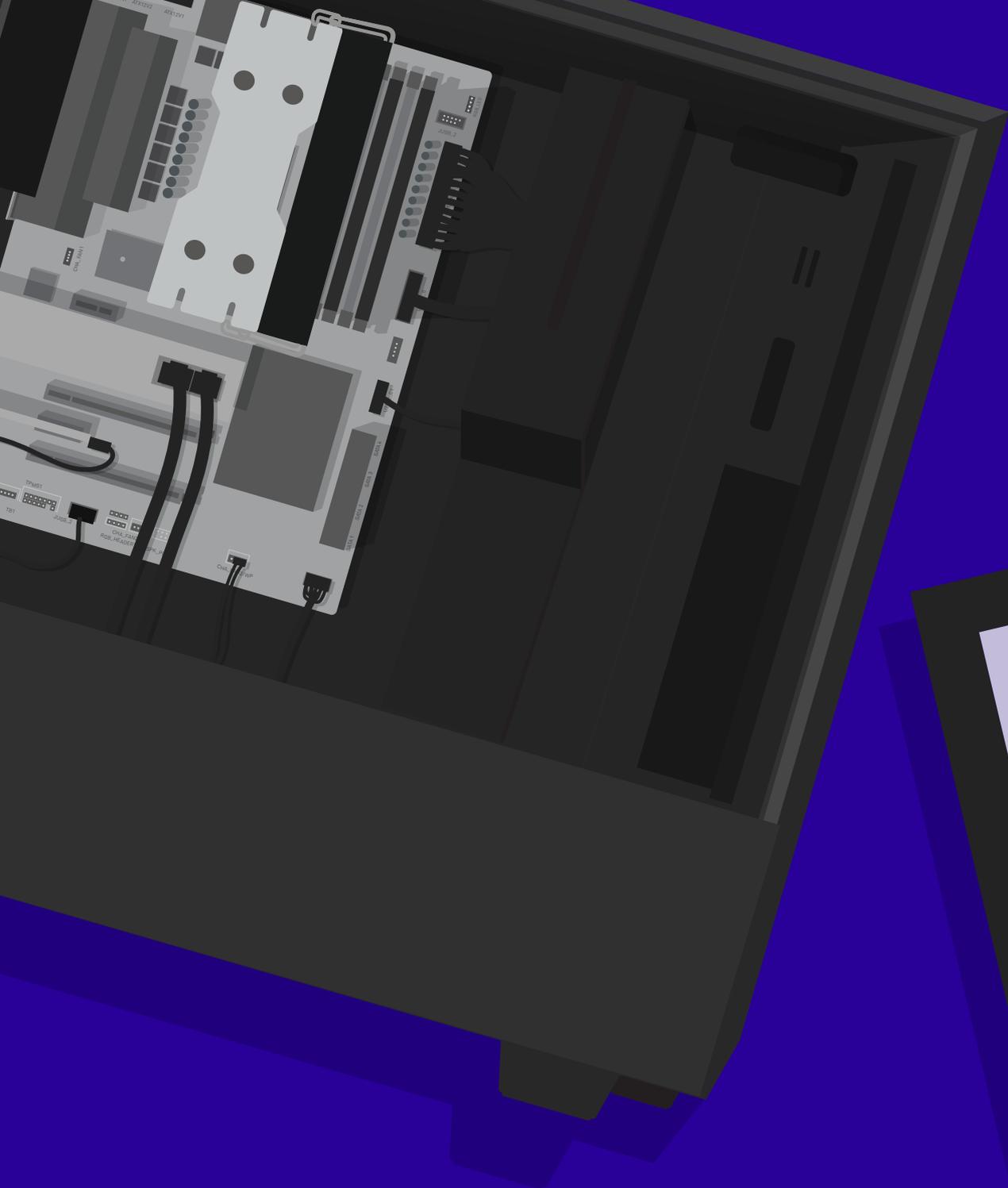
Provide the GPU with Power

*If you have a 3000 series GPU plug in **two** PCI-E / VGA cables.*

Plug in the PCI-E / VGA cables (that you previously set aside on your PSU shroud) into the GPU so that the hook aligns with the clip. You may have to hold a 6+2 pin together when plugging in this cable.

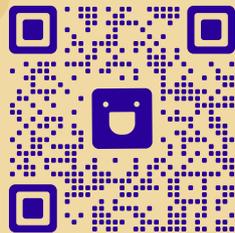






Level 12

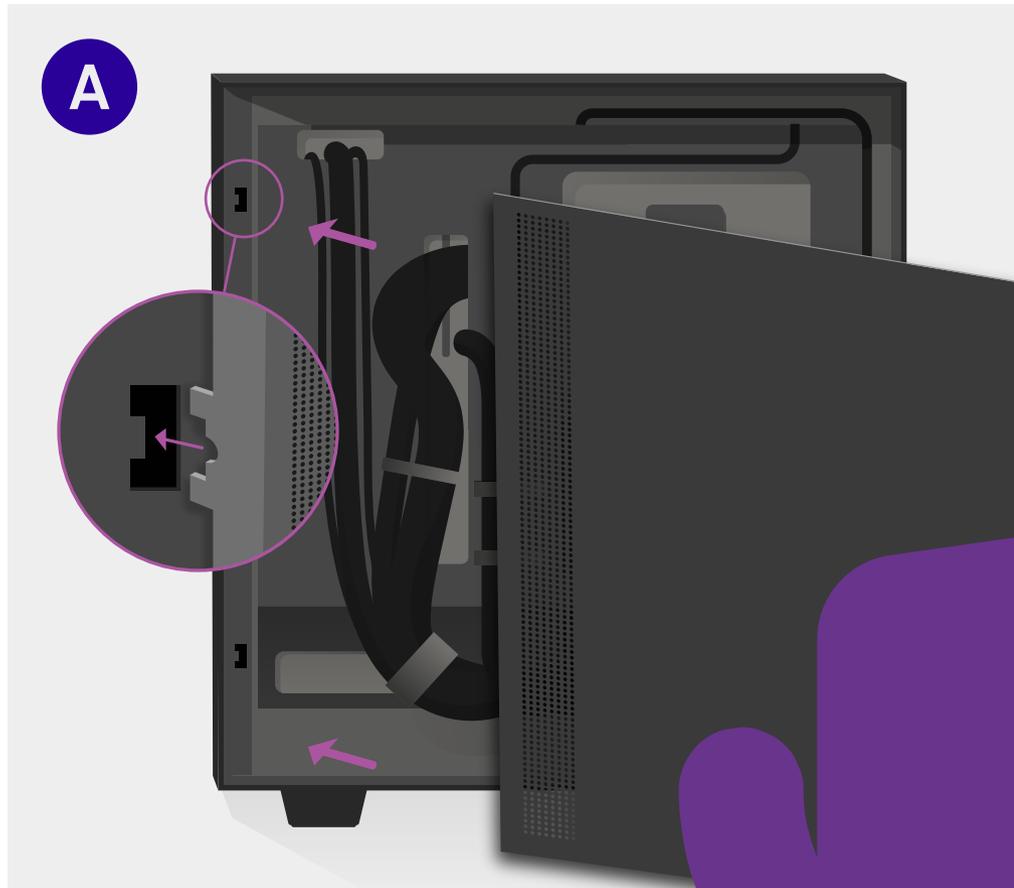
Finishing Touches



Video Walkthrough

If you get lost, we are always here to help. Check out this step in our video series if you need additional guidance.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.



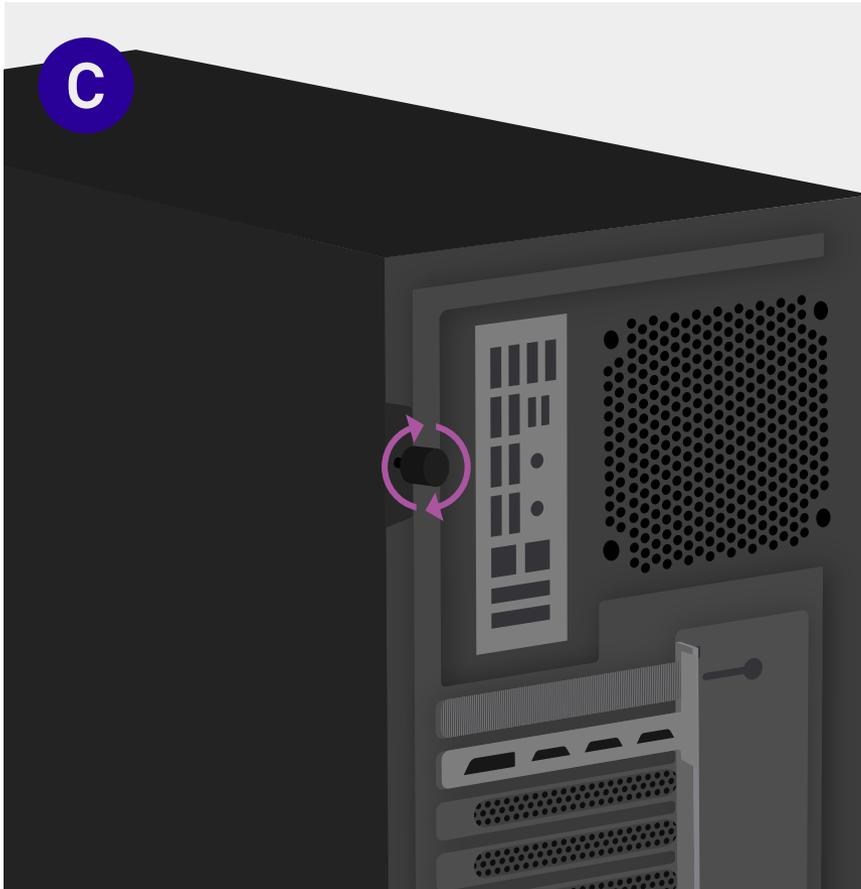
Hook the Rear Panel

With the exhaust holes nearest the front of the PC, you will find two latches on the rear panel that will correspond to two holes on the PC. Hook them on.



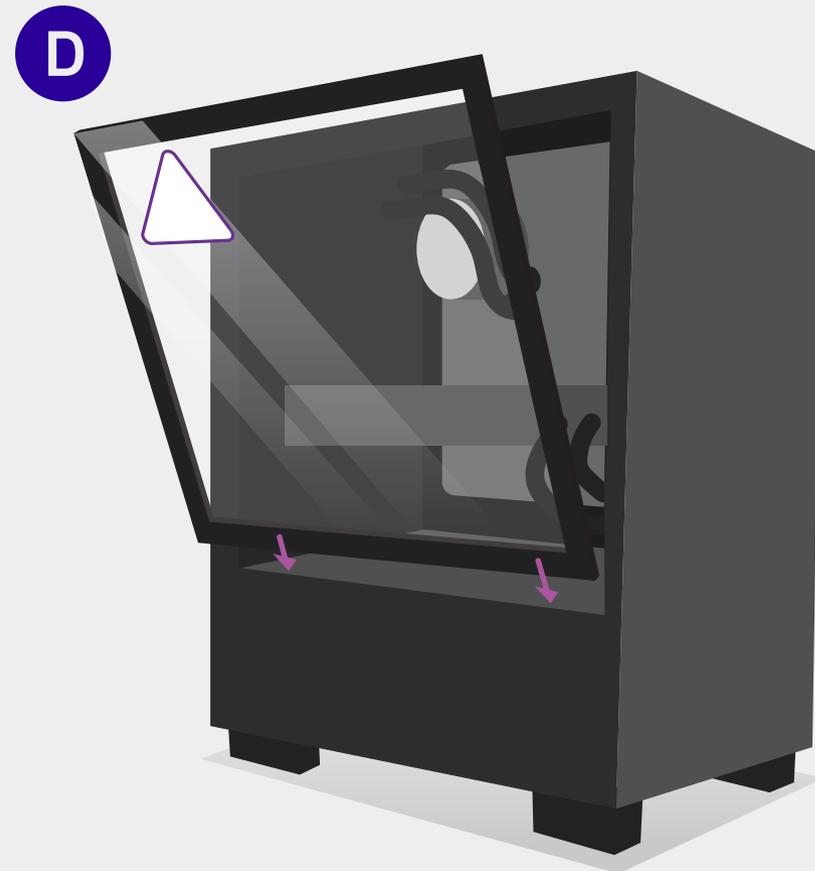
Swing Closed the Panel

With the panel secure in the front, swing the back of the panel towards the PC. Make sure that no wires get in the way when closing the PC panel.



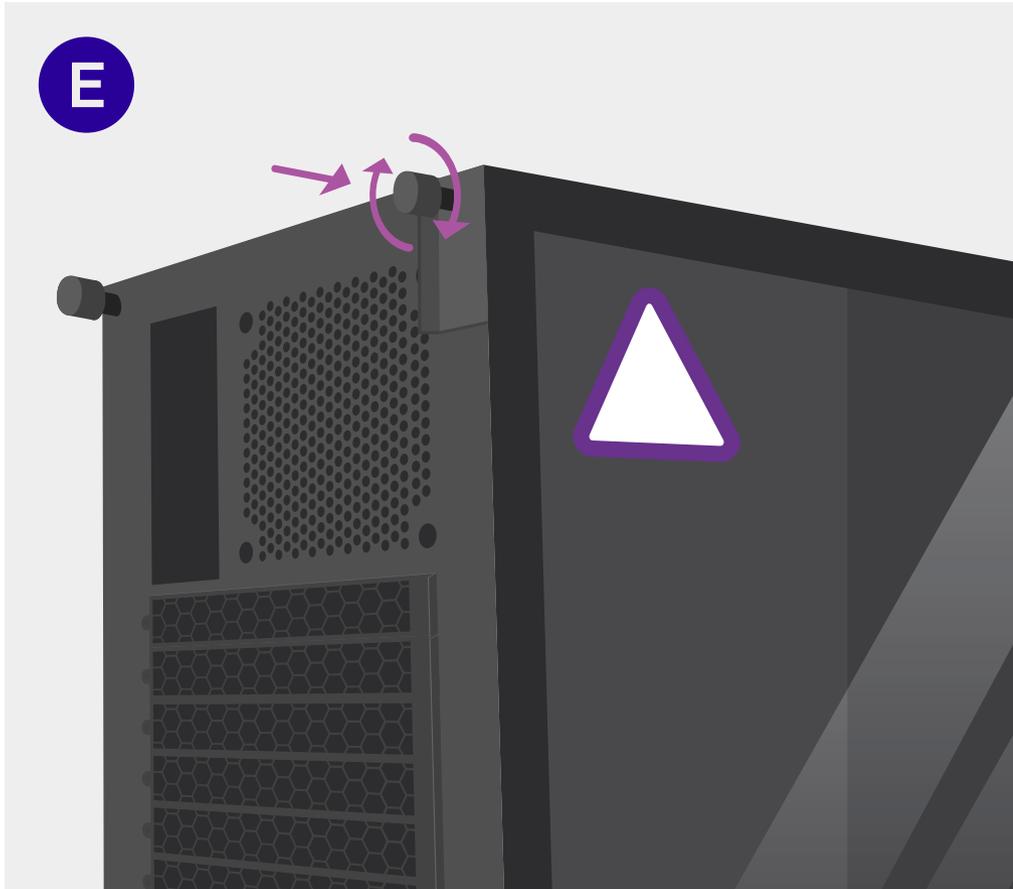
Secure the Rear Panel

Screw the rear panel onto the PC using the captive thumbscrew that's located on the back of the metal panel.



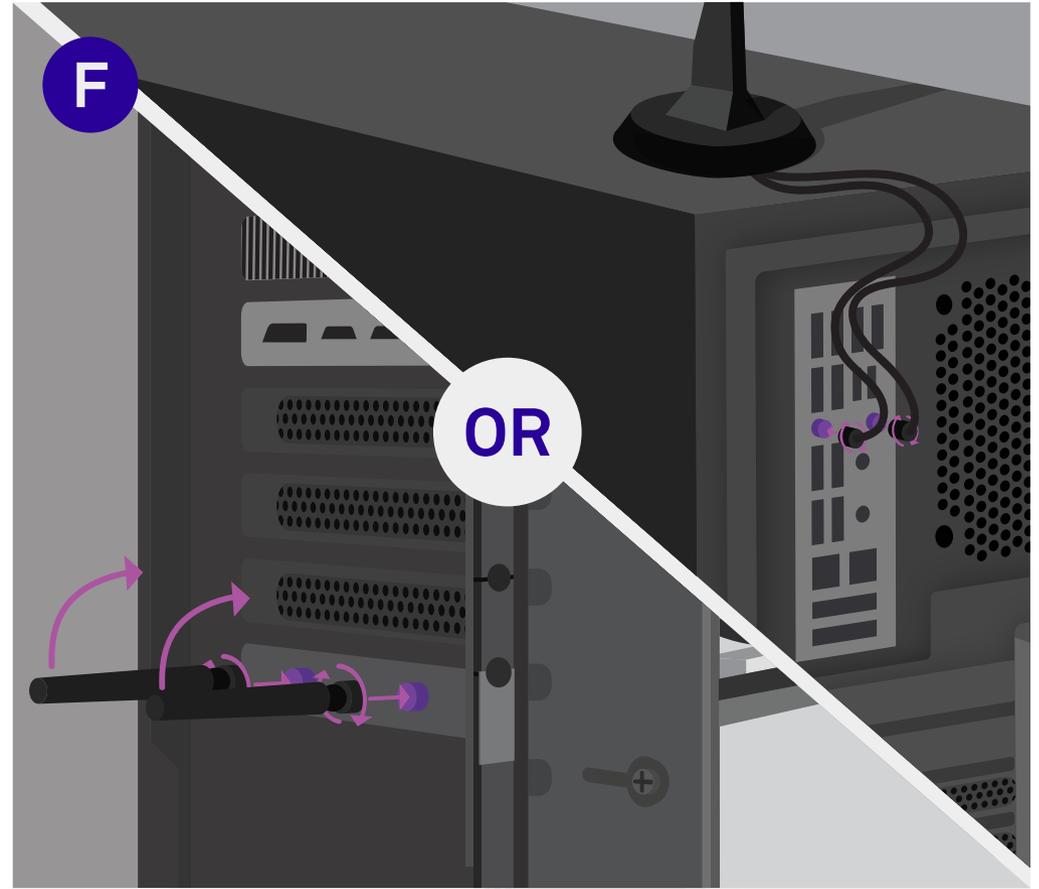
Close the Glass Panel

Slide the glass panel in at an angle, so that it is securely seated behind the metal bottom lip. Push the top of the glass gently into the rubber standoffs until you hear them "Pop" into place.



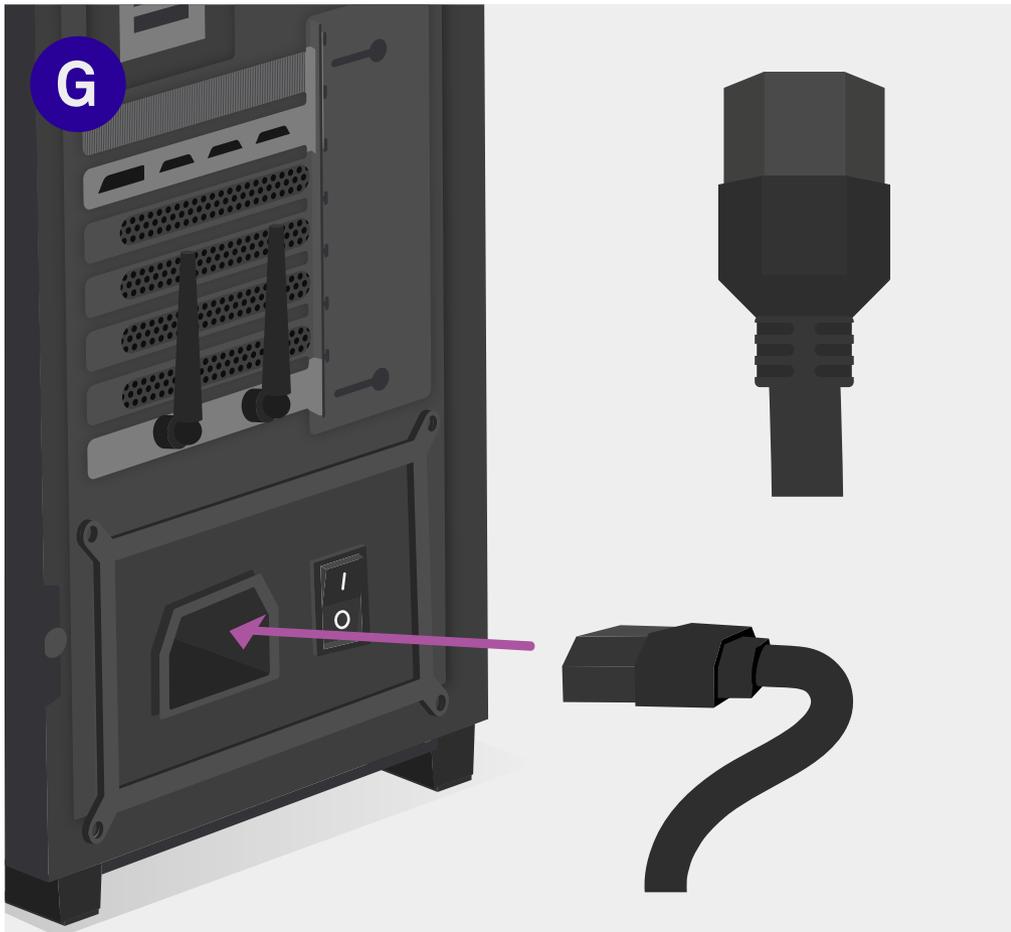
Secure the Glass Panel

Finally, secure the glass by turning the captive thumbscrew.



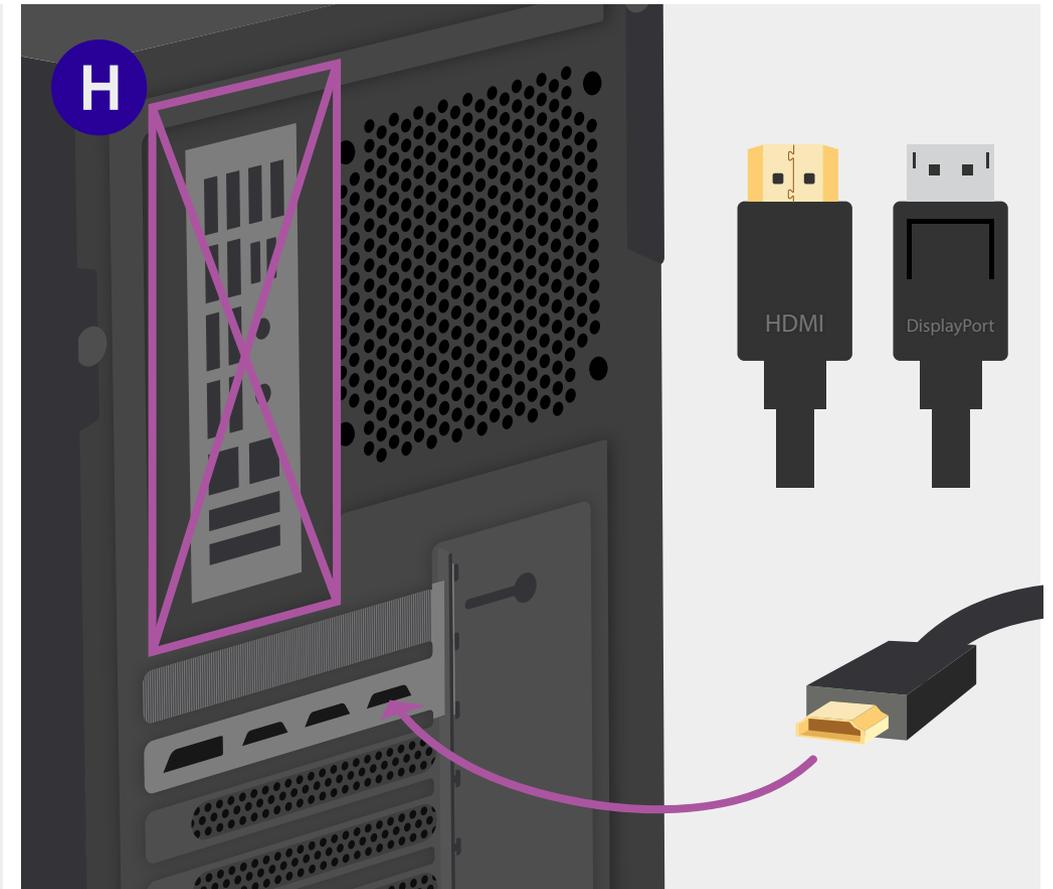
Attach the Wi-Fi Antenna(s)

Attach the antenna(s) that came with your Wi-Fi card or motherboard to the rear of your PC by screwing them onto the nubs (on the back of the card or IO shield). Screw them in at the base when turning them in or they may not attach properly.



Plug in Power Cable

Plug the power supply into the wall using the power cable that was provided to you in the PSU box.

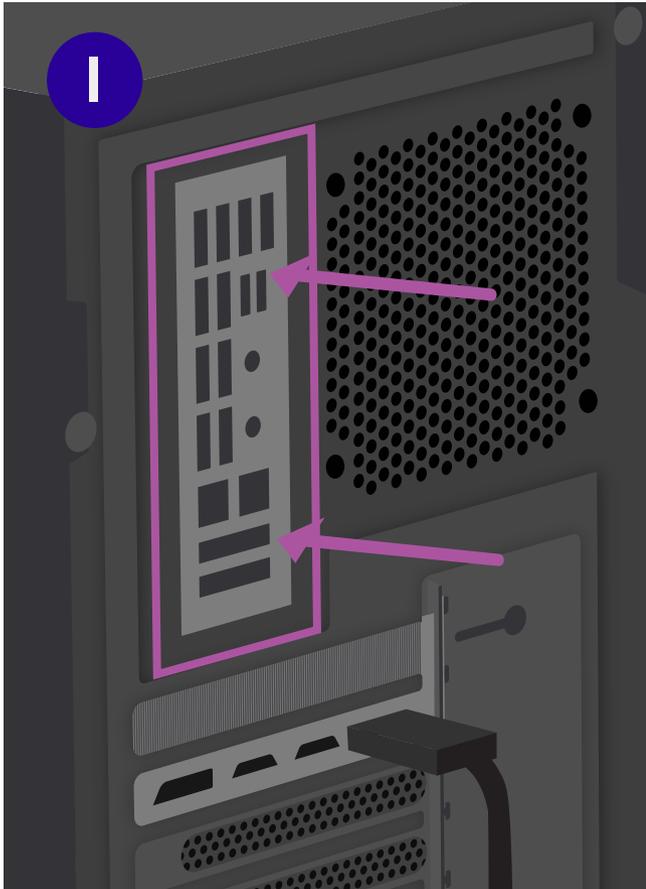


Plug in Display Cables

tinyurl.com/ctsibd5e

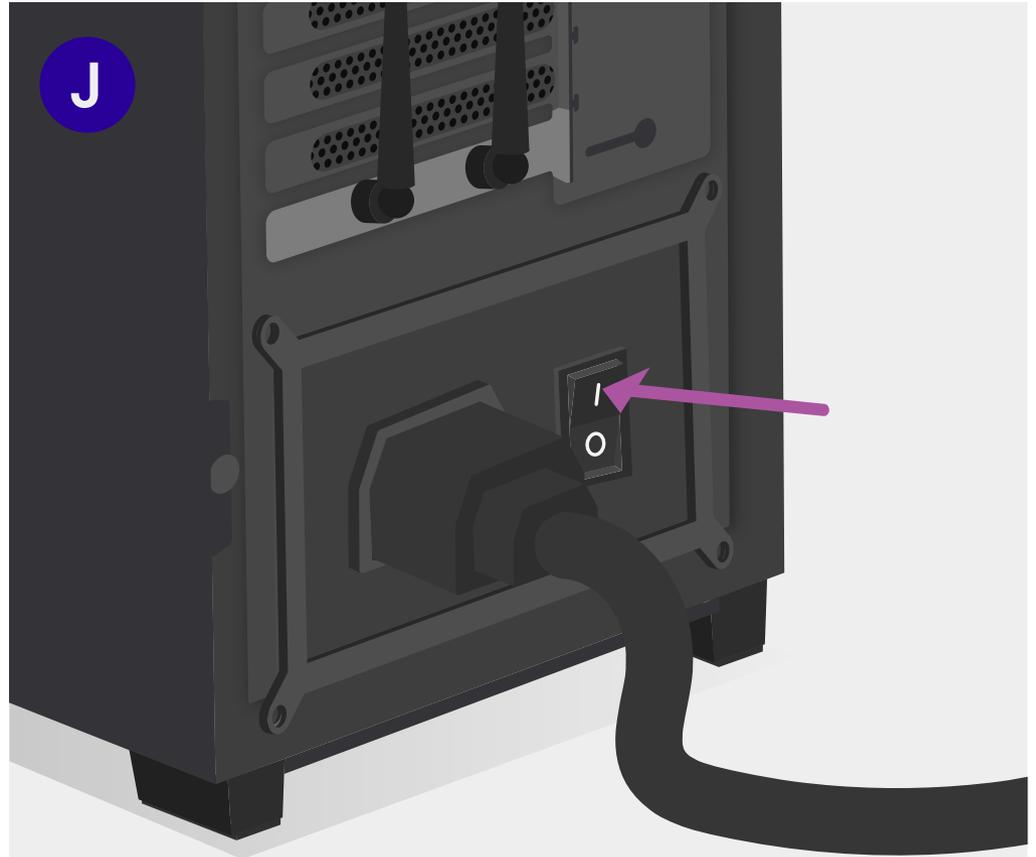
Plug in your monitor's HDMI or DisplayPort Cable into the ports on your GPU. Do **not** plug into motherboard IO or you will get no display. The link above has info on displays and display cables.

Need Help? Video guides, customer support, and other online resources are available. See pages 6-7.



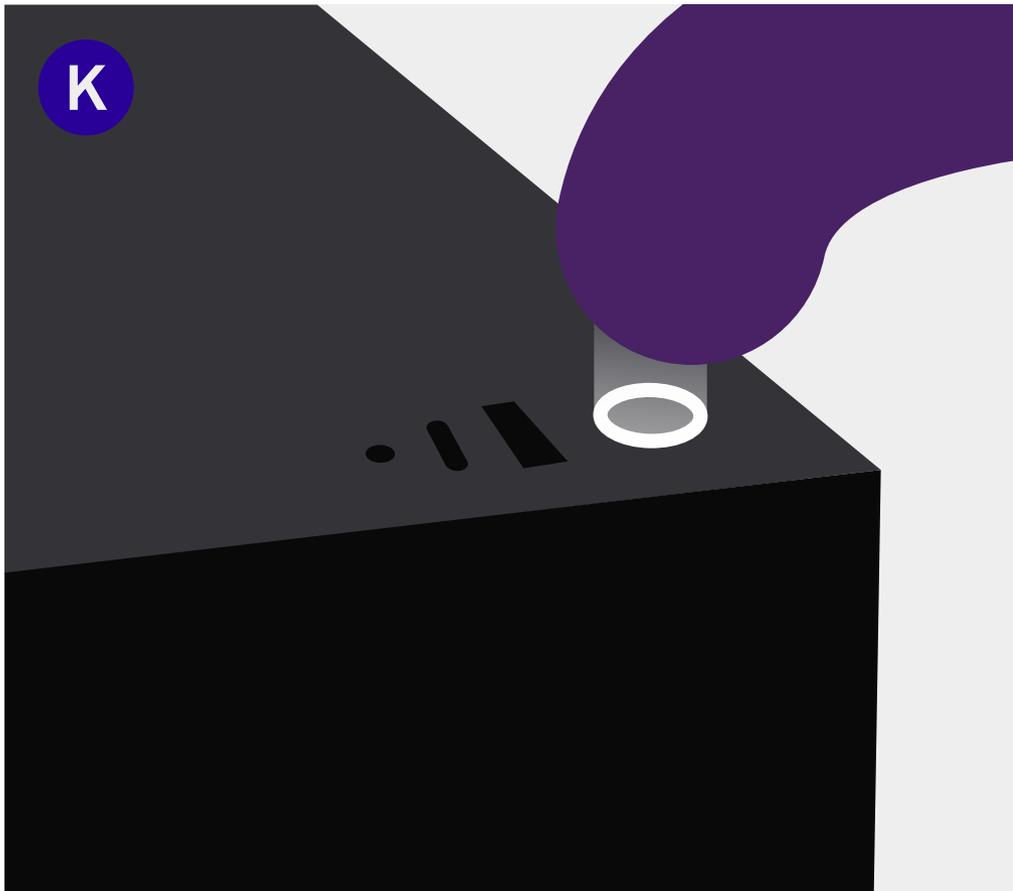
Plug in Ethernet / Peripherals

Plug in the mouse and keyboard to the motherboard, and if you have wired internet, this would be a good time to plug in the ethernet cable.



Turn on PSU

Turn on the PSU, this will NOT start your PC. It will simply provide power to your parts.



Turn On the PC

To turn on the PC, press the power button that is at the front-top area of the computer case.

L



Update Drivers

tinyurl.com/y5en292b

We advise checking for and downloading driver updates on the official websites of your hardware for optimal performance. This QR code and link will take you to a list of websites that have drivers.

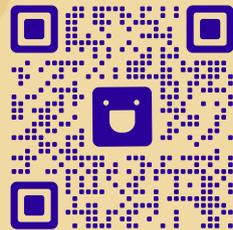
The scene is a treasure room with a yellow background. In the center, a scroll is unrolled on a stone floor, displaying the text "Quest Complete! You've made it to the treasure room!". To the right is a large, ornate golden chest with intricate patterns. Scattered around are various items: gold coins, gold bars, a sword, a dagger, a purple gemstone, a red gemstone, a blue gemstone, a necklace with a blue gemstone, and a green vine with leaves. A brown treasure chest is open in the upper left, spilling gold coins. Another brown treasure chest is in the upper right, also spilling gold coins. The floor is made of light blue and grey tiles.

Quest Complete!
You've made it to the treasure room!



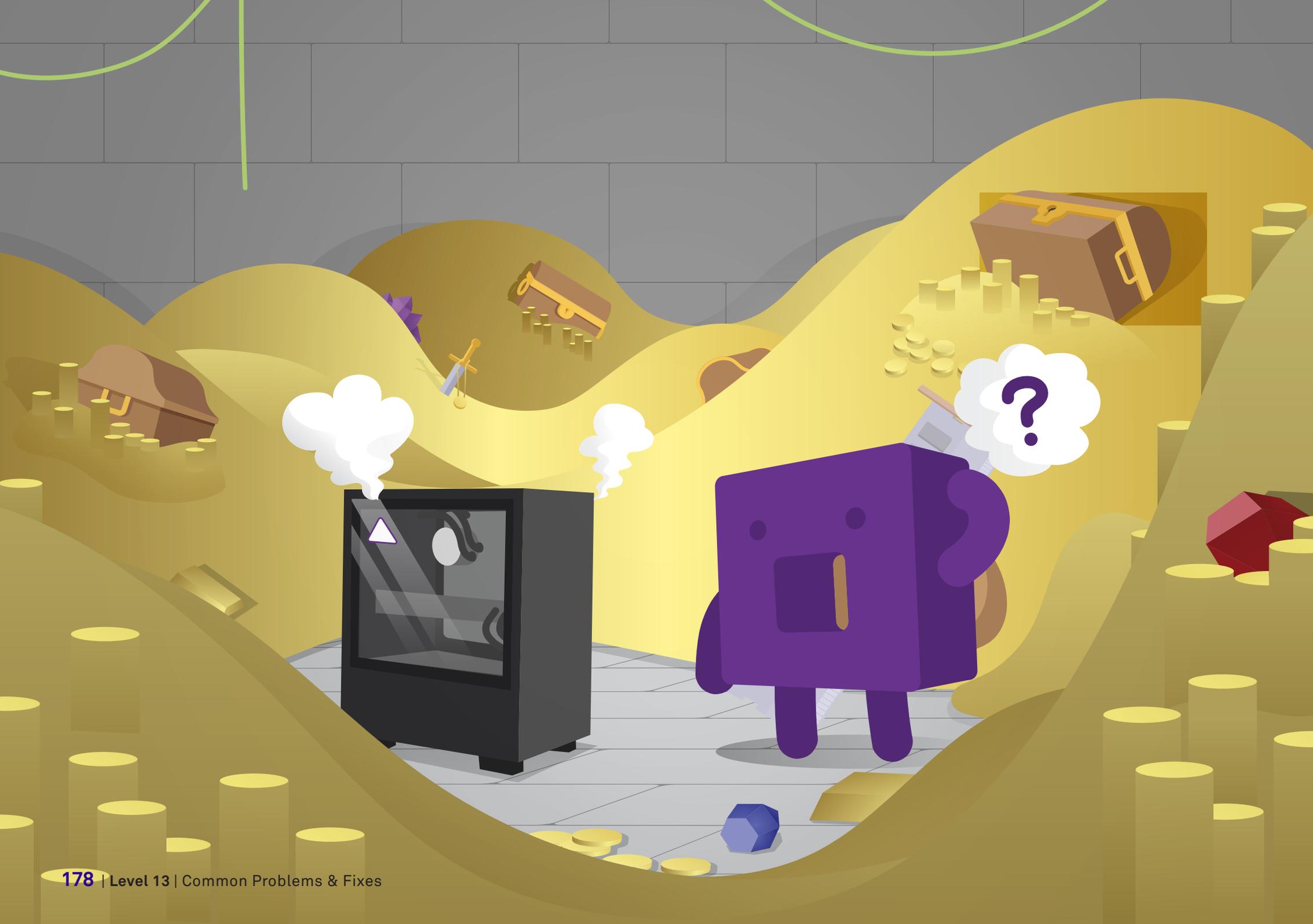
Level 13

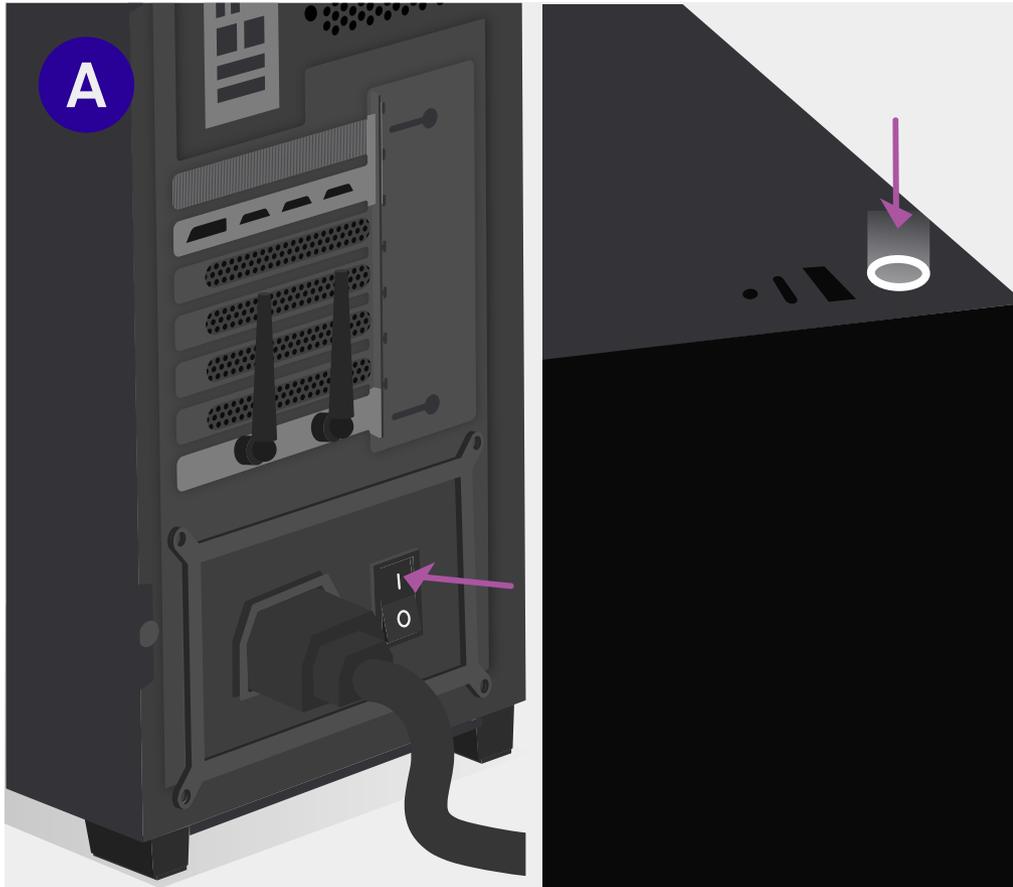
Common Problems & Fixes



Video Walkthrough

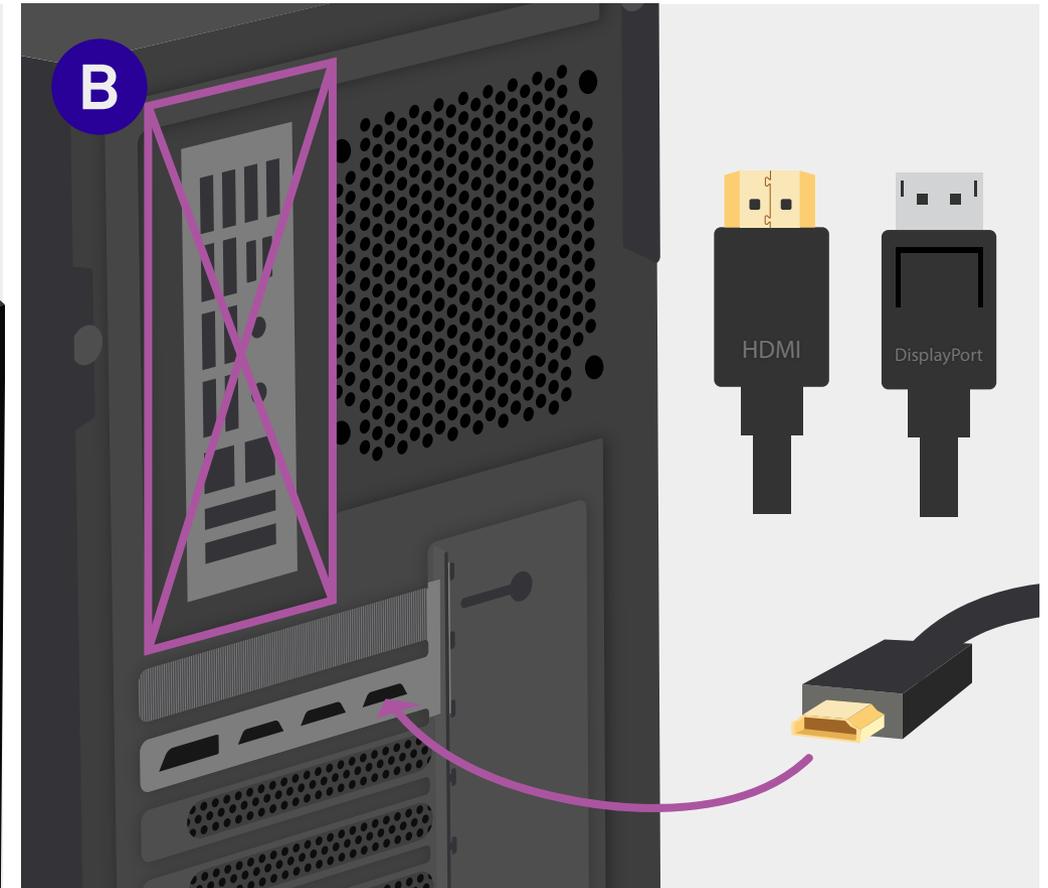
We address these fixes in our video series. Check it out if you'd like to see these steps performed visually!





Make Sure it was Powered Correctly

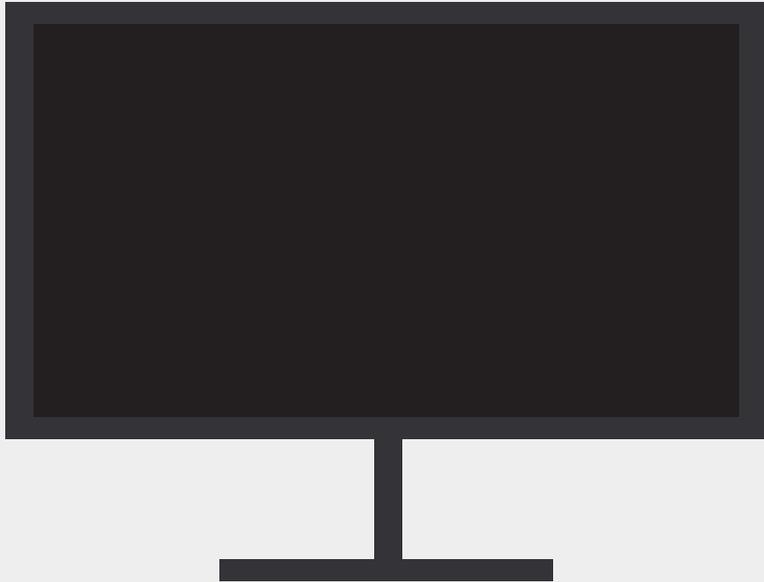
Double check to make sure that your PSU is turned on **and** that you've pressed the front power button.



Check Display Cables

If you plugged in your HDMI / Displayport cable into the wrong slot you will get no image. Make sure it is plugged into the **GPU**. The slots may have plastic in them if you missed that step.

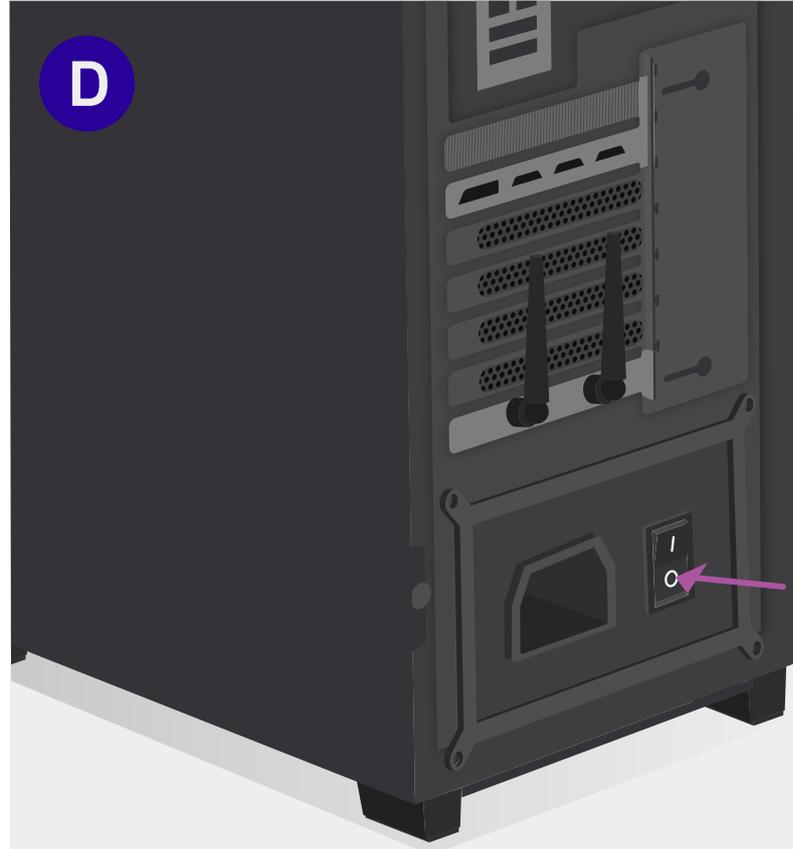
C



Check Your Display

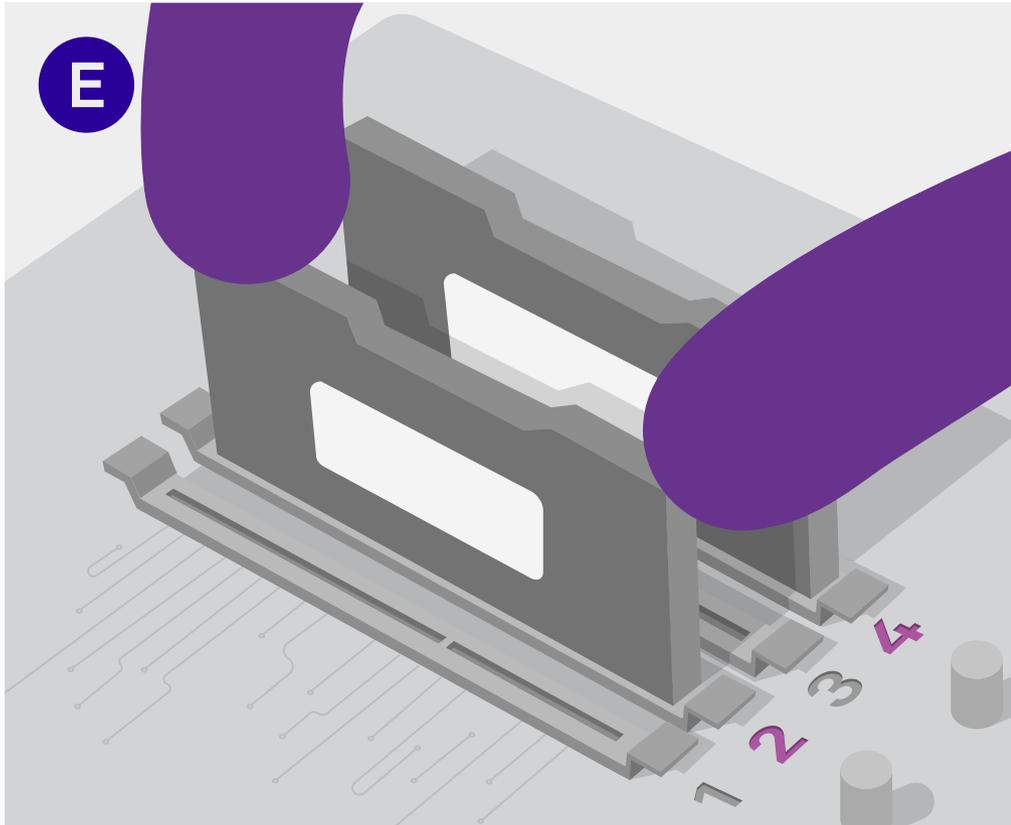
Make sure your display isn't the source of the issue. Try plugging in your PC to a different monitor / TV to see.

D



Turn off Your PC

Before troubleshooting on the interior of your PC, make sure that the PSU is turned off and unplugged to avoid being shocked.



Check Your RAM

Ensure you installed it correctly by "tugging" the RAM twice. The RAM should not be loose.

Make sure that you properly seated your memory when you installed it. Try pulling on the RAM. If it comes loose, follow steps on page 12-15 to reinstall the RAM properly.



Check Your PSU Wires

Tug on the cables twice **without** pressing down on the plastic tongues. The cables should not come loose.

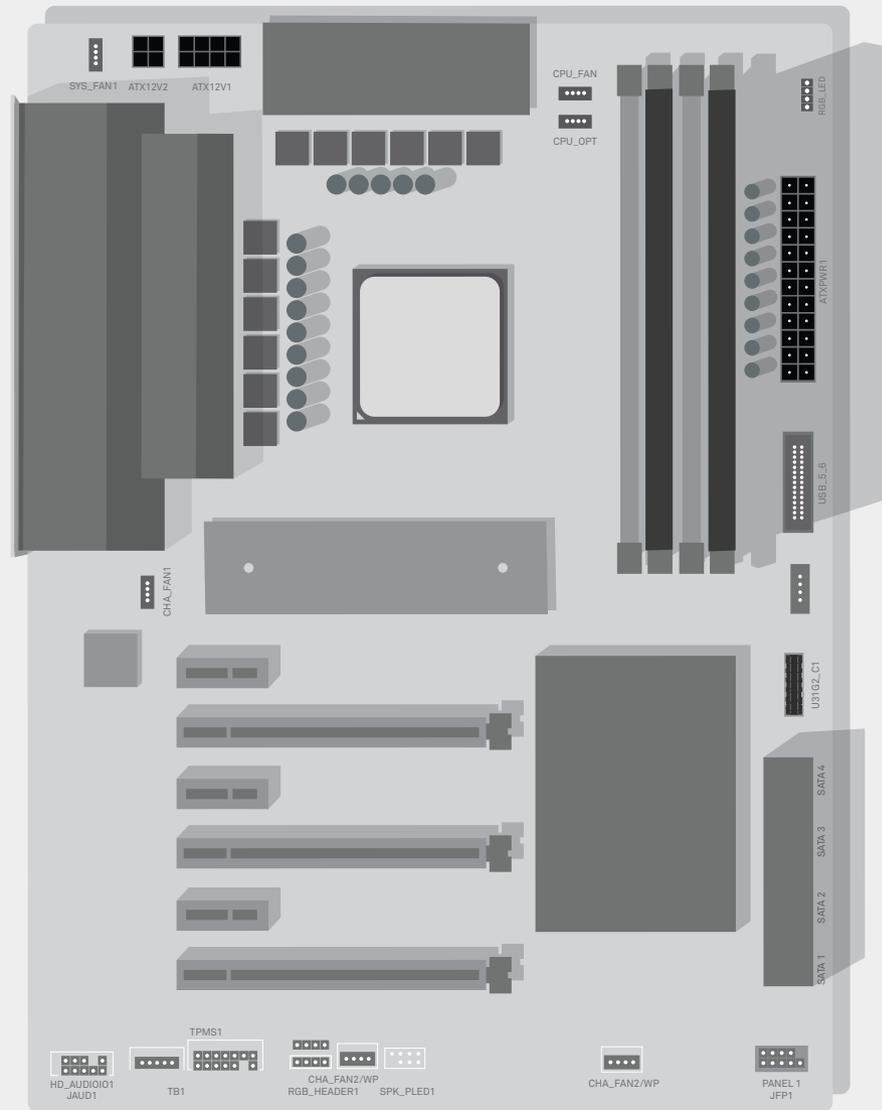
If you have a modular or semi-modular PSU, make sure that the wires in your power supply are not loose. They should not come out of the PSU easily.



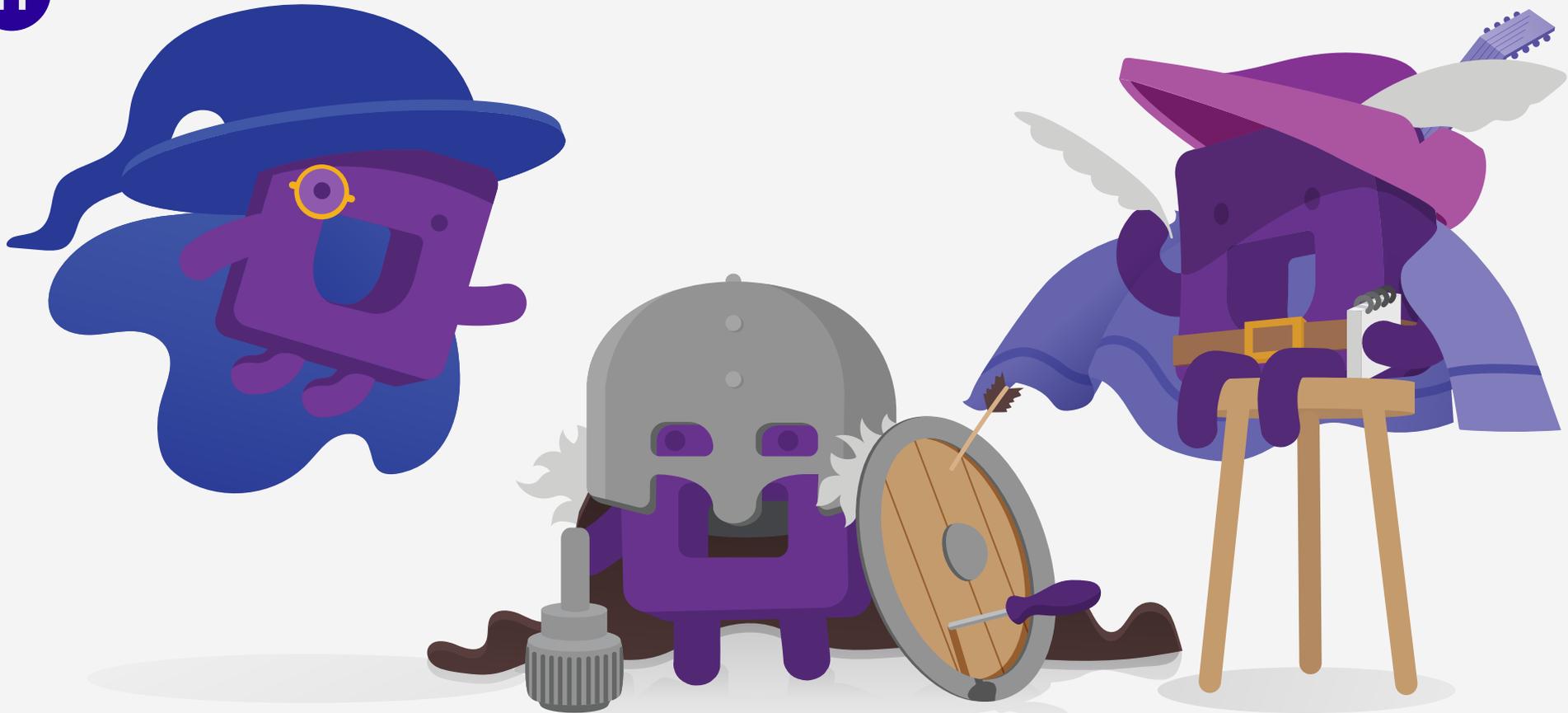
Check That All the Cables Are Properly Plugged In

*Tug on the cables twice **without** pressing down on the plastic tongues. The cables should not come loose.*

Double check to make sure that all the cables are plugged into their correct ports and with the right orientation. Ensure all the cables are securely in their ports by pulling on them twice. If any fall out or become loose, retrace your steps on levels 8 and 9. The 24-pin cable, 8-pin CPU cable, and F_Panel cable are especially vital to your PC powering on.



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Contact Customer Support

Once you've exhausted all other avenues, try your support options. Watch the videos to see if you missed any steps, go online and ask through live chat, or call customer support so that they can help you over the phone.



Next-Generation Advertiser's Map for PC Building

