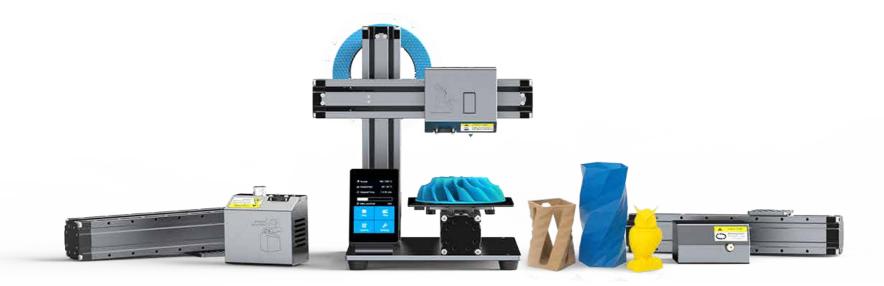
# snapmaker | Quick Start Guide



# **Content**



# **Before You Start**



# **Assemble the 3D Printer**



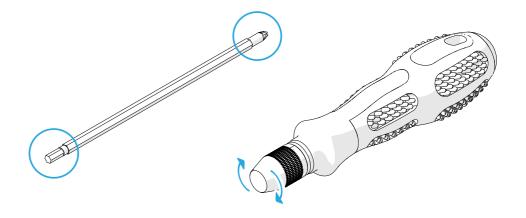
# **Use the 3D Printer**

Load Filament
Level the Heated Bed
Start Printing
Support

# **Before You Start**

## **Get the Screwdriver Ready**

The screwdriver is dual-purpose. Change the blade as you need.



## **Used Symbols**

#### ! Caution

Ignoring this type of message might result in malfunction or damage to the machine.

#### **Notice**

Details you should be aware of throughout the process.



## Tips

Tips offer you convenient operations and additional options.



Make sure that the highlighted part is facing the right way.



Attach the Feet to the Base Plate

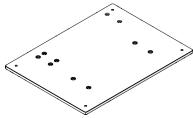


M4 x 8 Screw

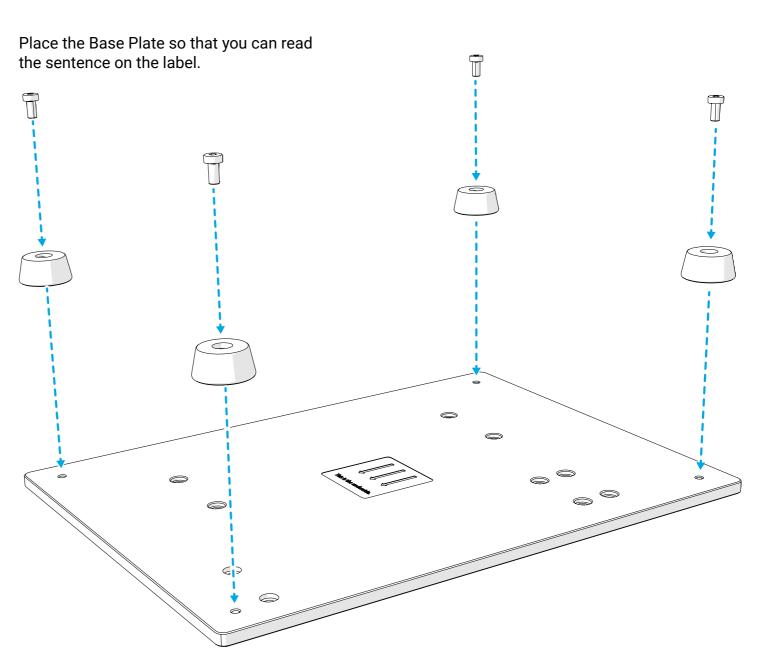




Foot



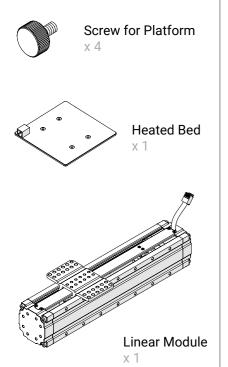
Base Plate x 1

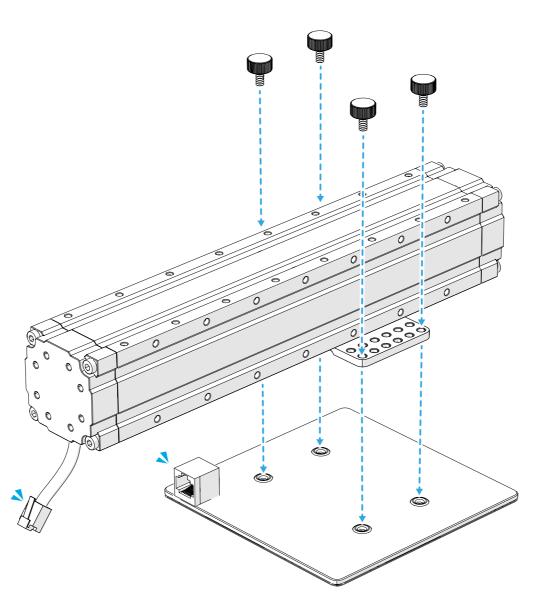


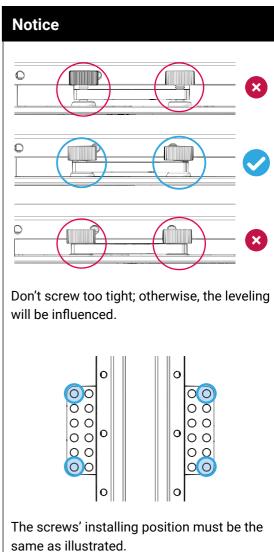




# Attach the Heated Bed to One of the Linear Modules (Y Axis)





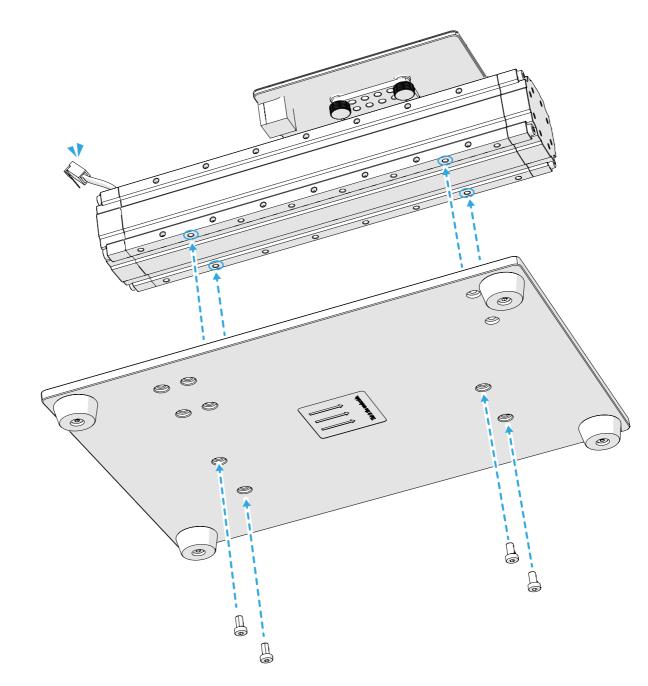




# Attach the Y Axis to the Base Plate

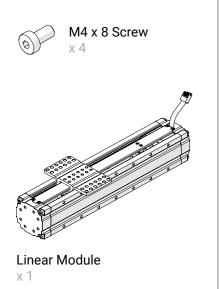


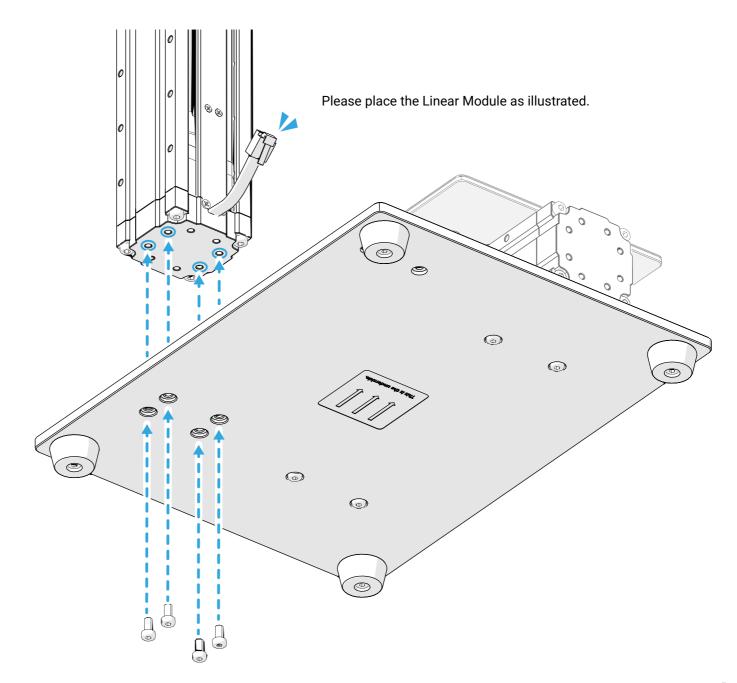
M4 x 8 Screw x 4





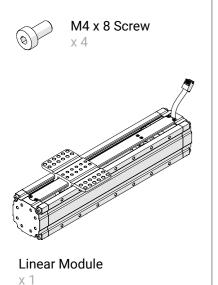
# Attach the Z Axis to the Base Plate

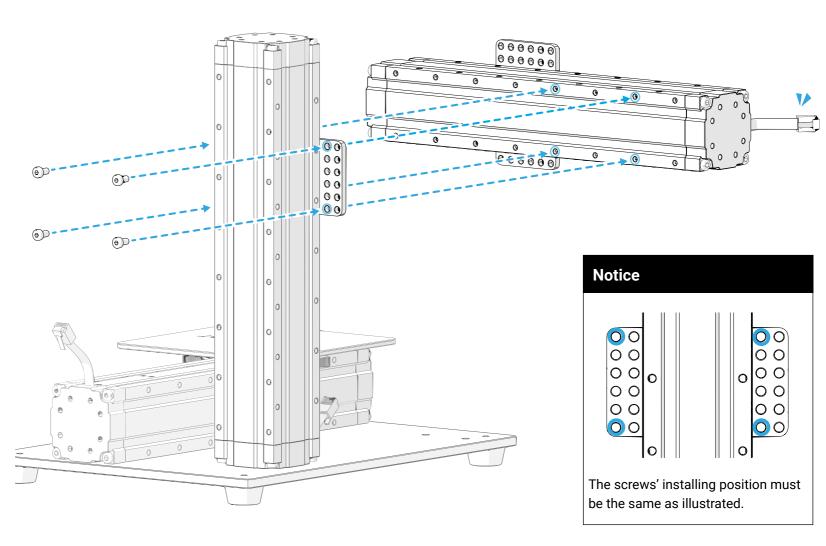






## Attach the X Axis to the Base Plate

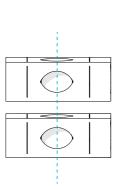






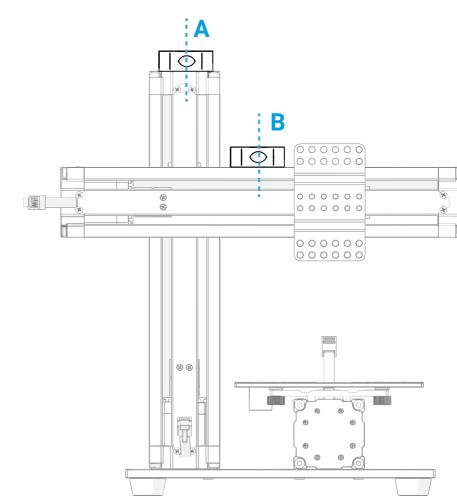
## Use the Bubble Level Vials to Level





1

Find a level surface and put the Bubble Level Vials next to each other. Rotate one of the vials until the bubbles stay in the same position inside the vials. This step ensures that the vials are relatively level.



2

Put one of the vials (A) to the top of the Z axis and the other (B) to the X axis. Do NOT rotate the vials during this process.

3

Adjust the X axis until the bubble in Vial B is in the same position as the bubble in Vial A. Tighten the screws between X axis and Z axis.

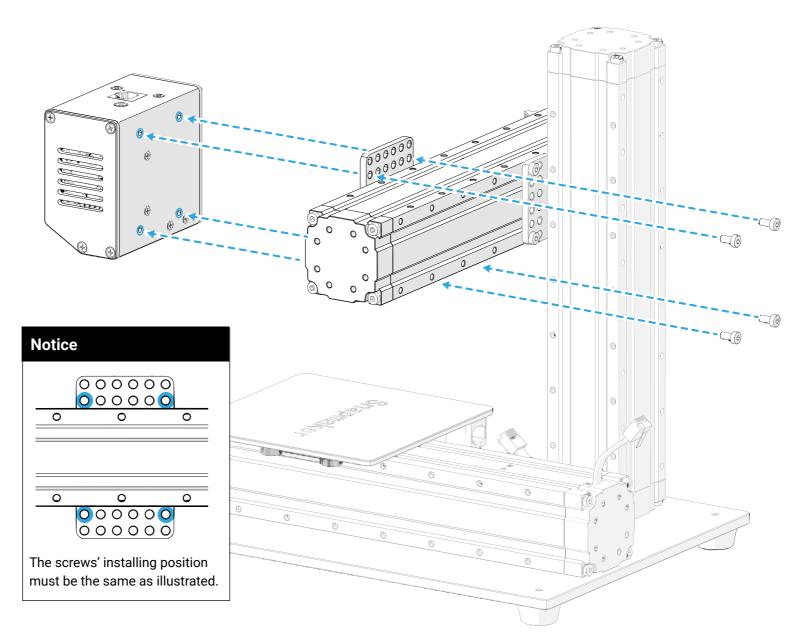


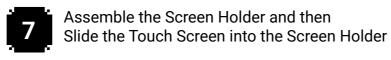
Attach the 3D Printing Module to the X Axis



M4 x 8 Screw x 4









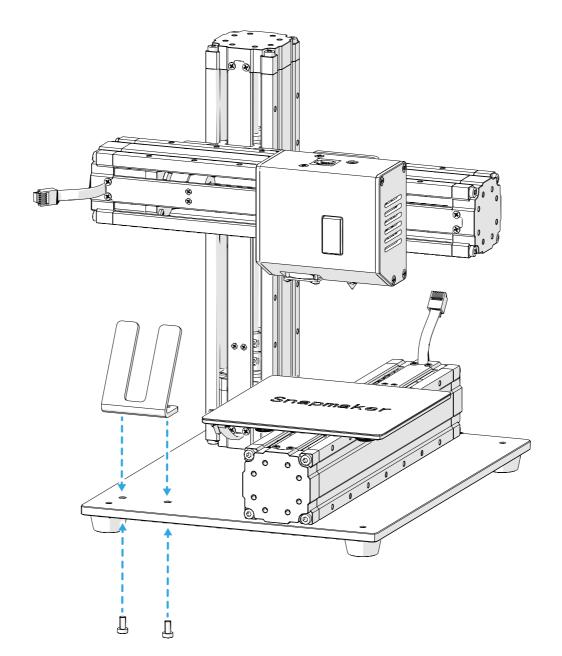
M4 x 8 Screw x 2

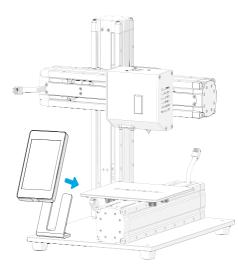


Screen Holder



Touch Screen x 1

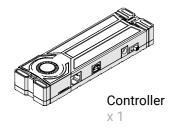


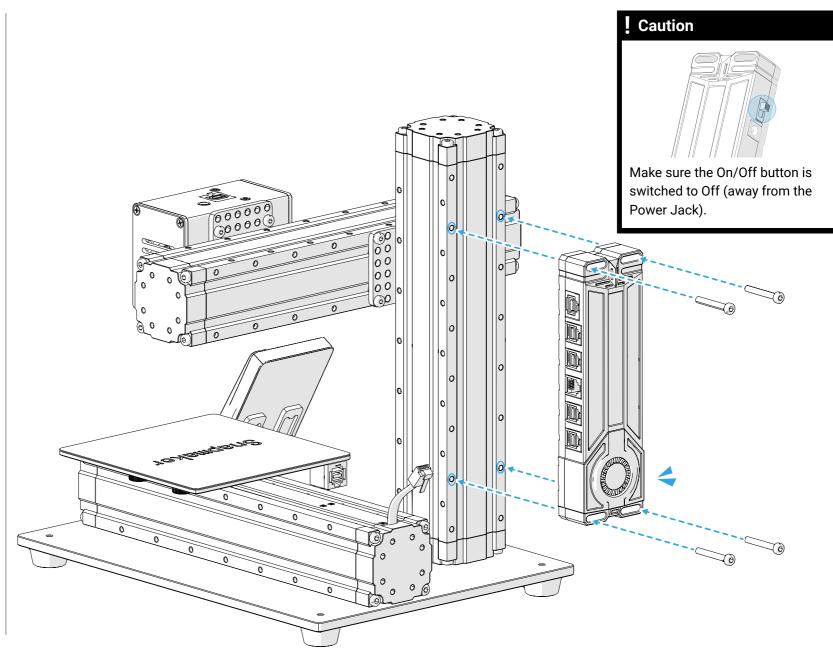




## Attach the Controller to the Z Axis





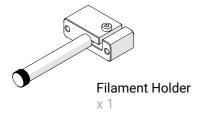


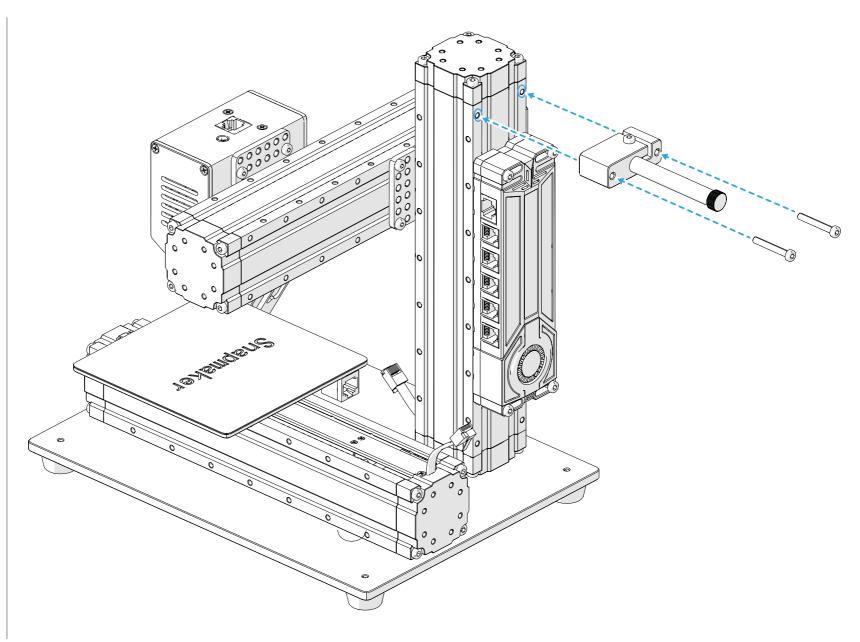




## Attach Filament Holder to the Z Axis



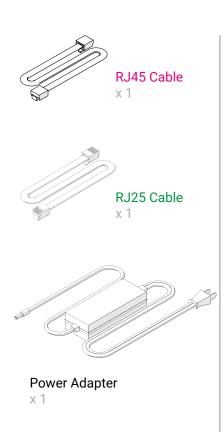




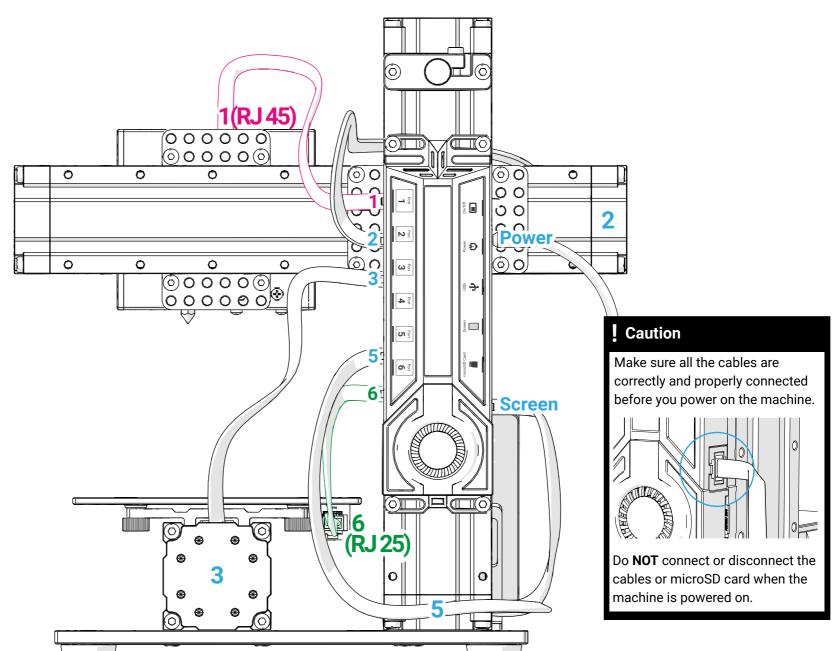




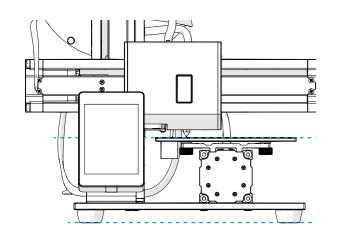
## Connect the Modules to the Controller and Power On

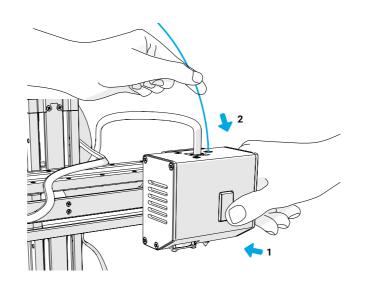


The RJ25 Cable (Heated Bed Cable) is comparatively smaller than the RJ45 Cable (Module Cable).



# **Use the 3D Printer**







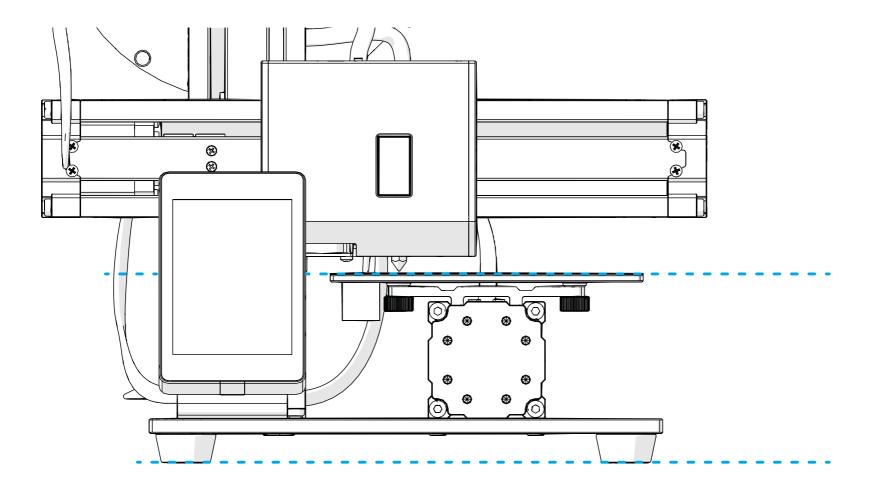
**Level the Heated Bed** 

Load Filament

> Start Printing



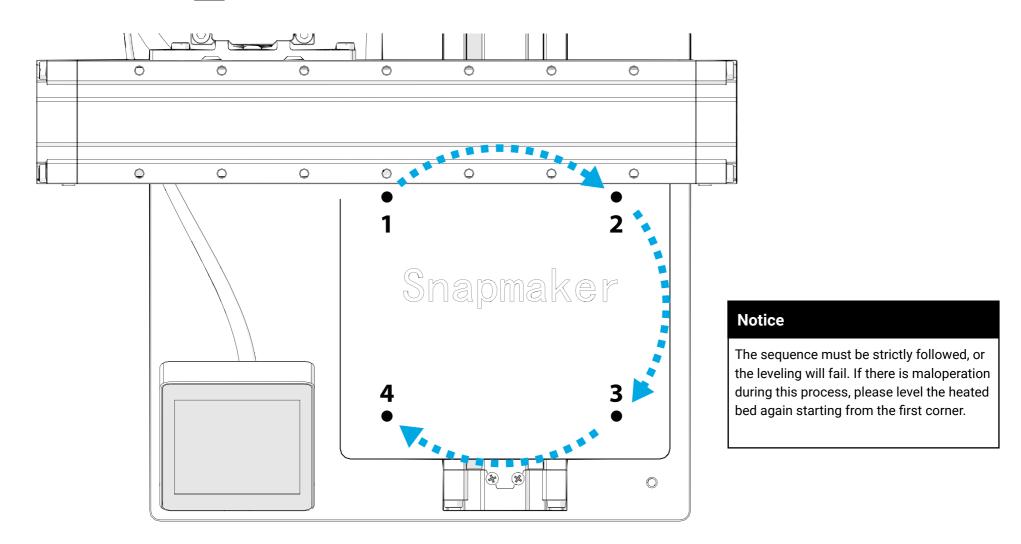
Go Through this Section Every 10 to 20 Prints



To ensure the best quality of your print, it's recommended to go through this section every 10 to 20 prints.

2

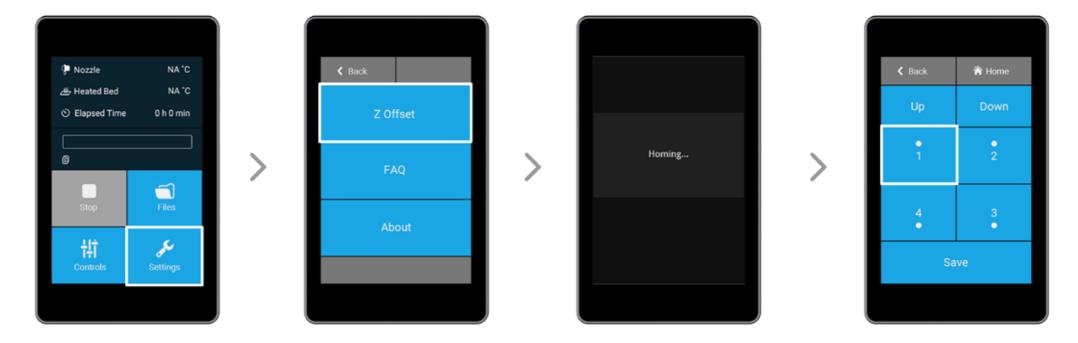
Level the Four Corners in Order



To level the heated bed, please level the four corners in order. These corners correspond to the numbers on the Touch Screen as shown in the next step.



Level the First Corner



On the Touch Screen, go to Settings > Z Offset.

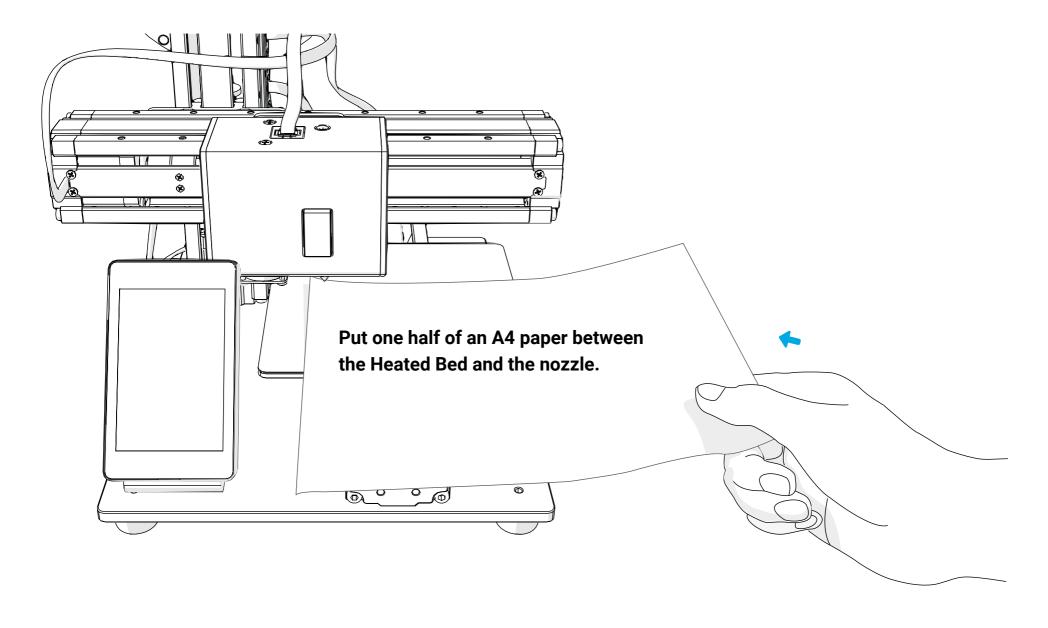
It may take a few seconds after you tap Z Offset.

Tap 1 and the 3D Printing Module will move to the first corner.

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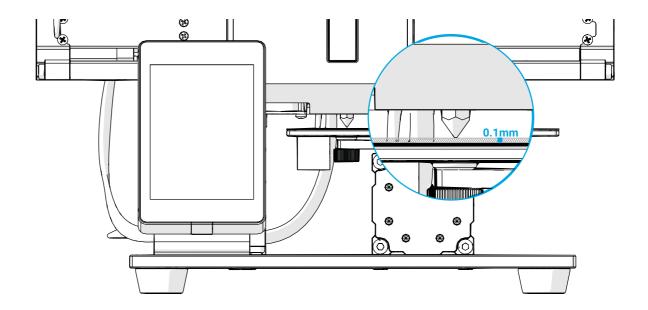
Get an A4 Paper





Adjust the Distance Between the Heated Bed and the Nozzle

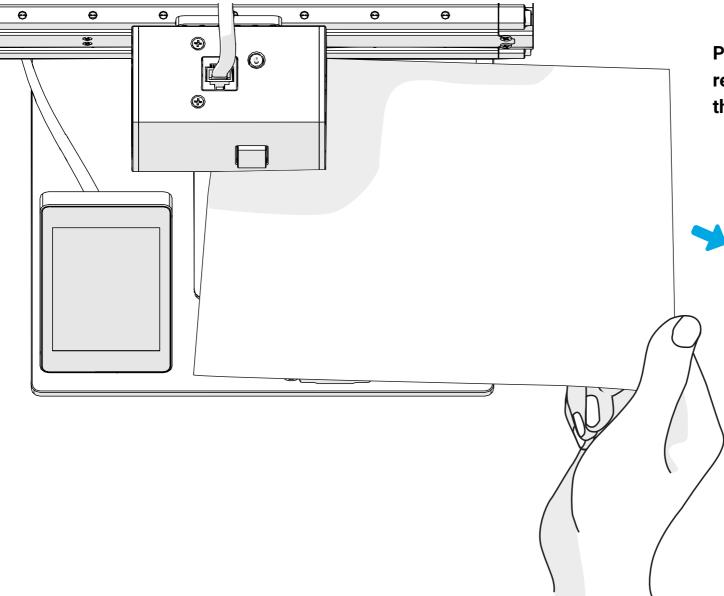




Adjust the distance between the Heated Bed and the nozzle using the Up and Down button. Keep adjusting until there is slight resistance on the paper from the nozzle. The nozzle moves 0.1 mm every time you tap the Up or Down button.



Use the Paper to Adjust the Distance



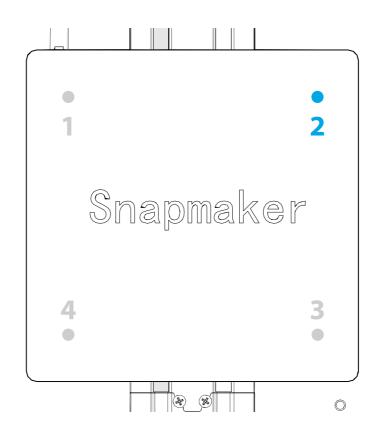
Pull the paper and feel the resistance while you adjust the distance.



Level the Second to Fourth Corner

Tap 2 and follow Step 5-7 to level the second corner.
Use the same method to level the third and fourth corners.

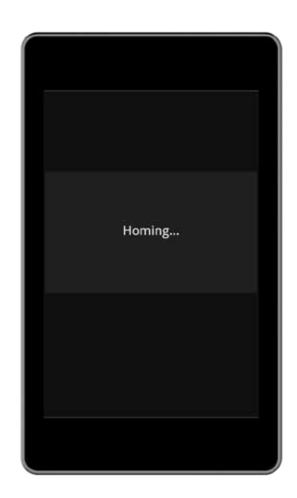














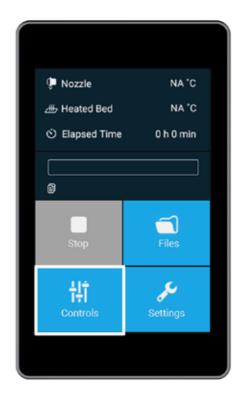
When all the corners are leveled, tap Save.

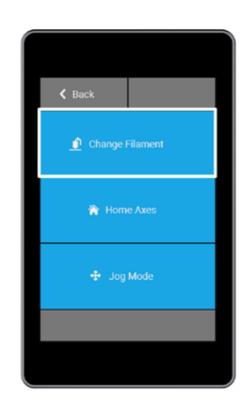
Remember to pull out the paper when you finish leveling.

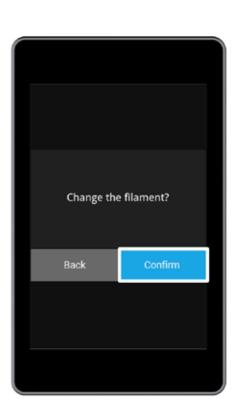
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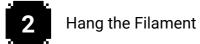
Get the Heated Bed Ready



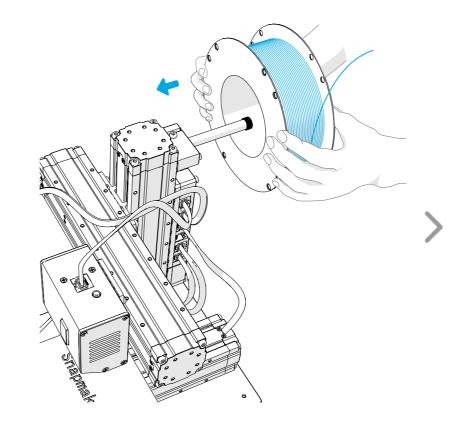




On the Touch Screen, go to Controls > Change Filament > Confirm.







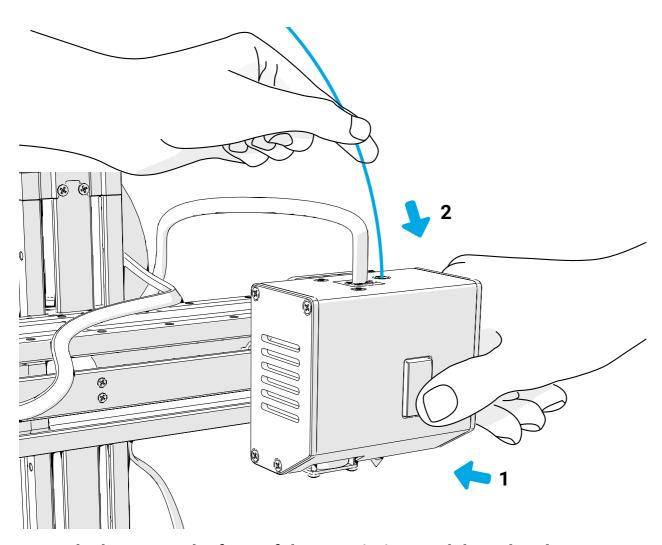


Next is not clickable before the nozzle is heated to 200°C.

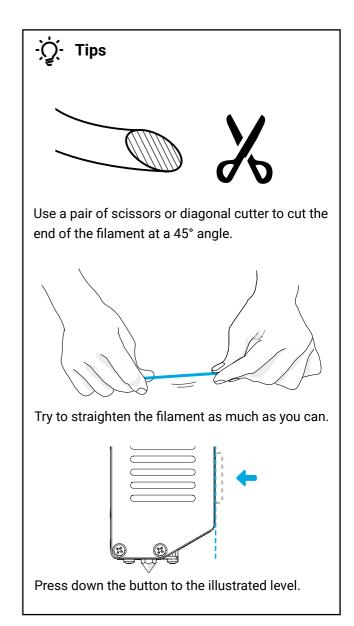
Hang the filament over the Filament Holder. For smoother printing, the end of the filament should be placed as shown above.

Wait until the nozzle is heated to 200°C and tap Next.

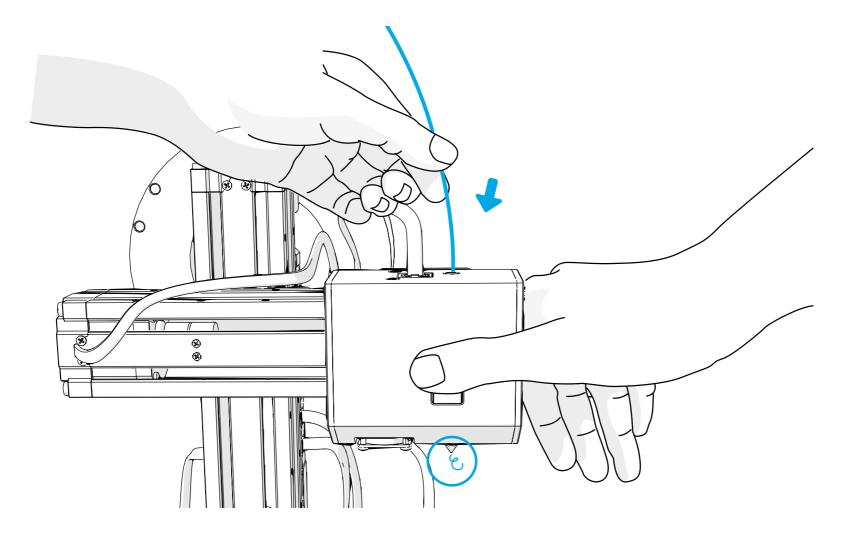
# Load Filament Insert the Filament



Press the button on the front of the 3D Printing Module and at the same time insert the filament into the hole on the top.

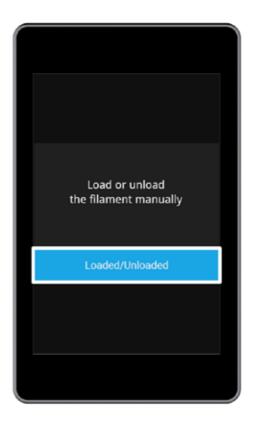




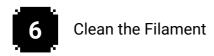


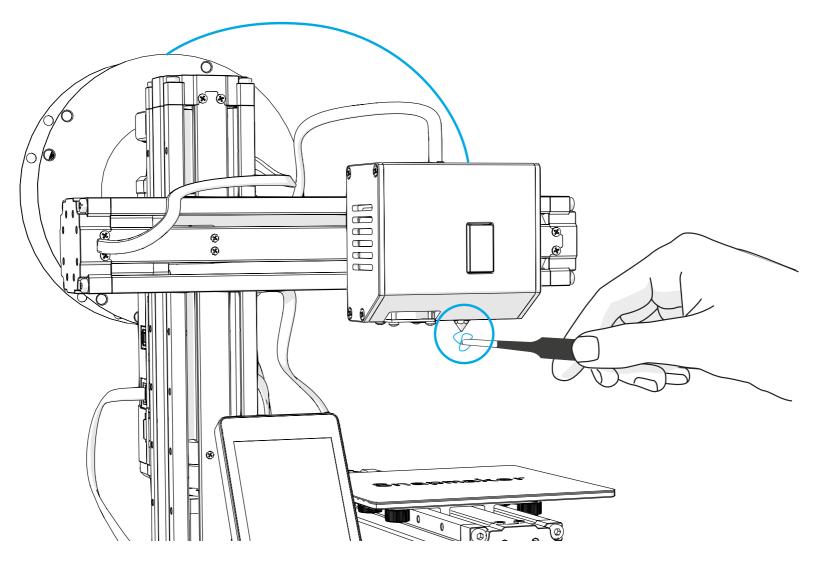
Keep inserting the filament until you see some filament coming out of the nozzle.





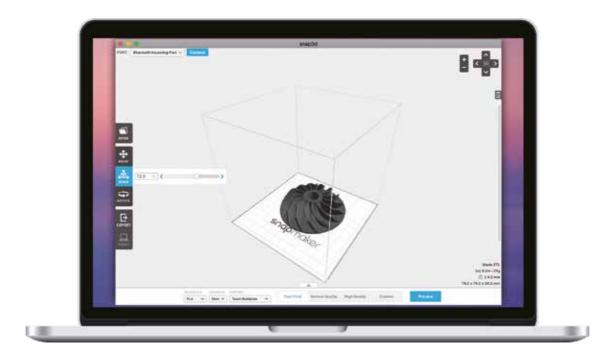
When you finish loading the filament, tap Loaded/Unloaded on the Touch Screen.





Use the provided Tweezer to clean the filament on the nozzle.



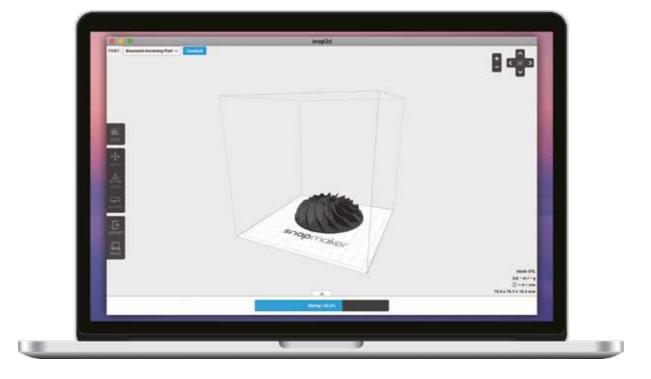


**Download Snapmaker3D from our official** 

website: snapmaker.com/download

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For the detailed instructions, please see the software guides or tutorials on our official website: <a href="mailto:snapmaker.com/support">snapmaker.com/support</a>

Generate the G-code of the file you want to print using the software.

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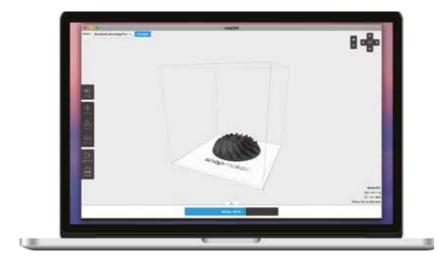


Choose a Way to Print

# **Option 1**

## **Using the Computer**

(The computer must be connected to the machine throughout the process.)

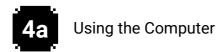


# Option 2

## **Using the microSD Card**

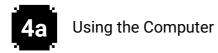
(No need to connect your computer to the machine.)

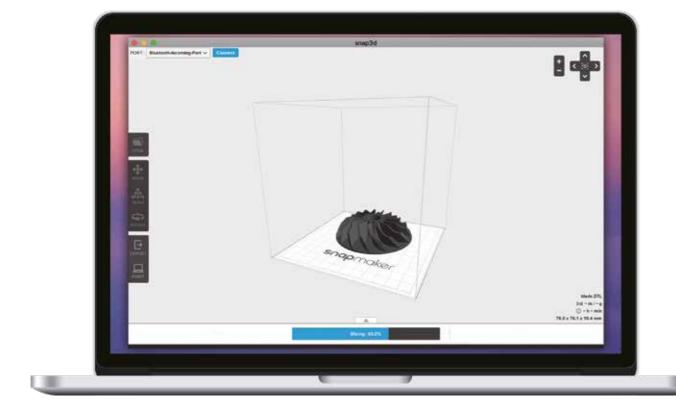






Connect the computer to the machine using the provided USB Cable.





After the settings are configured on the software, click

**Connect > Preview > Print.** 

The printer will finish the printing automatically.



If you cannot find any port to connect to, please download and install the driver at snapmaker.com/download

4b Using the microSD Card

1



On Snapmaker3D, click Preview > Export to save the G-code file.



Tips



For the detailed instructions, please see the software guides or tutorials on our official website:

snapmaker.com/support

2

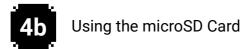


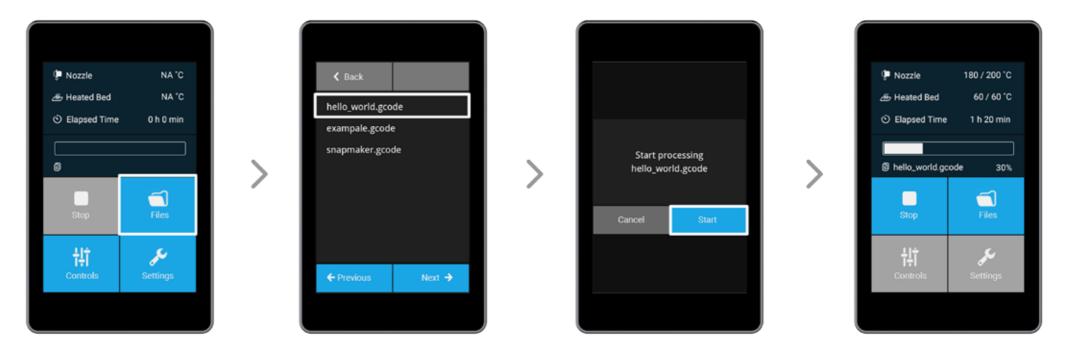
Put the G-code into the provided microSD Card.

3



Insert the microSD Card into the card slot on the Controller.



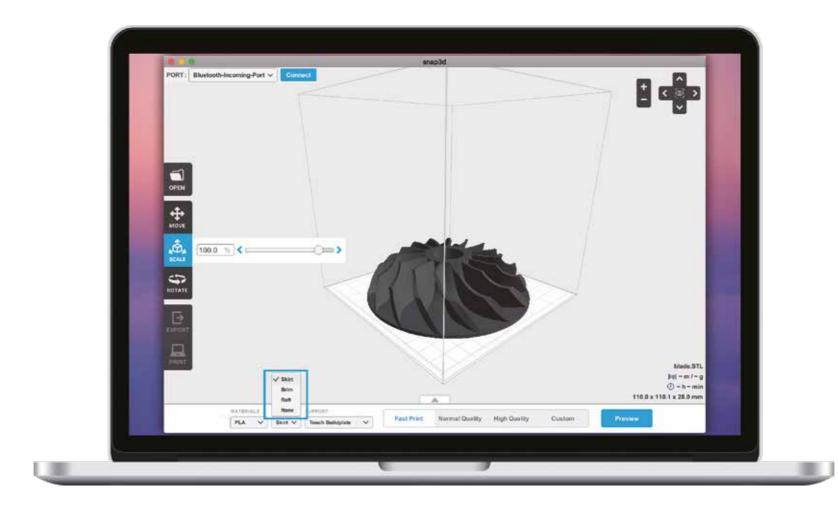


On the Touch Screen, go to Files, find and select the G-code file.

Then tap Start to start printing.

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If the print cannot stick to the heated bed or there is warping at the bottom of the print, level the heated bed again or select Brim or Raft as the Adhesion type in the software.



#### **Support**

Besides this guide, there is also a User Manual available on our website: <a href="mailto:snapmaker.com/support">snapmaker.com/support</a>
Find the answers in our FAQ page if you run into any problem during assembly: <a href="faq.snapmaker.com">faq.snapmaker.com</a>
Share anything you want with other Snapmaker users at our forum: <a href="forum.snapmaker.com">forum.snapmaker.com</a>

Any news from you is good news for us. If you have any question, don't hesitate to contact us. We are here for you whenever you need general information, technical support or sales inquiries.

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