

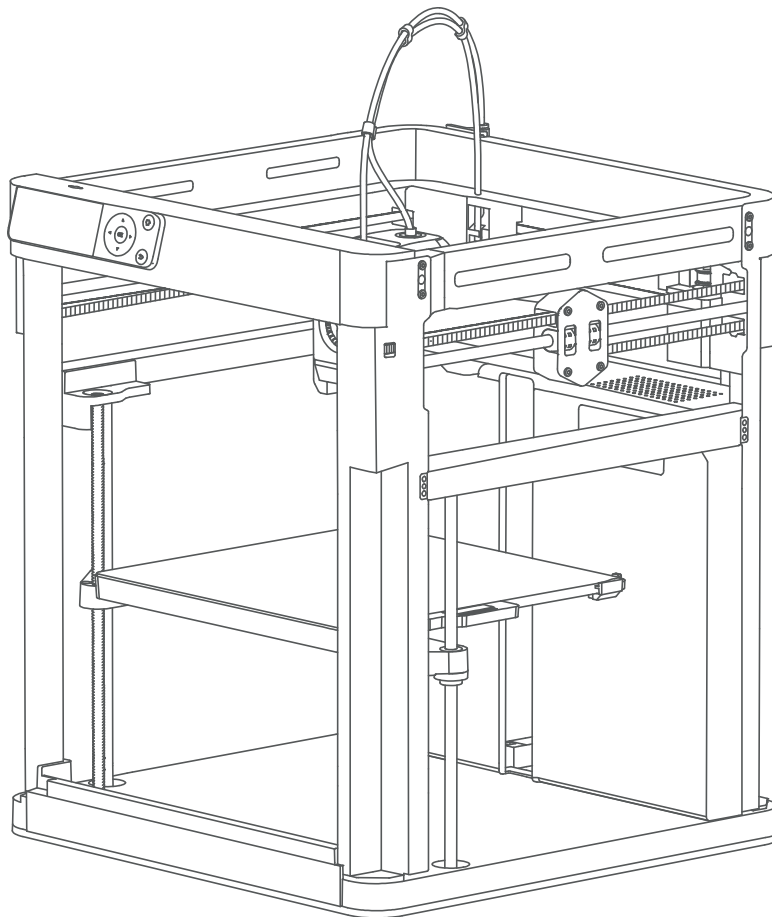
# Bambu Lab **P1P**

## 3D Printer

### Quick Start

Please review the entire guide before operating the printer.

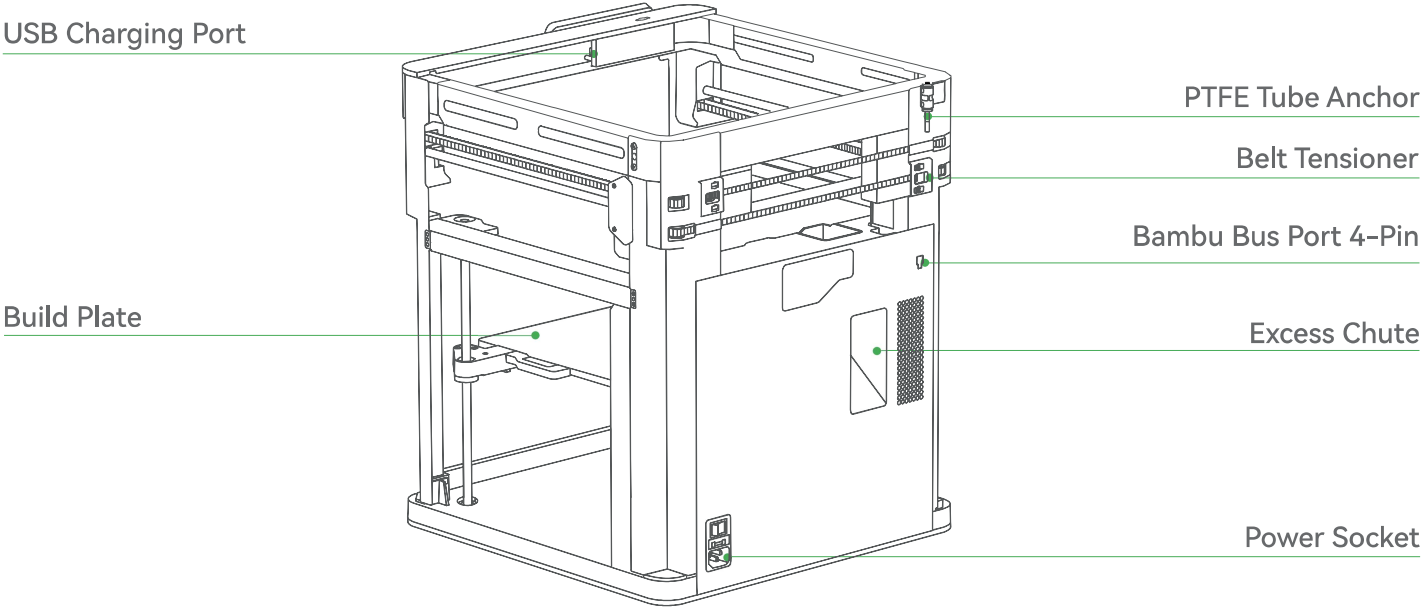
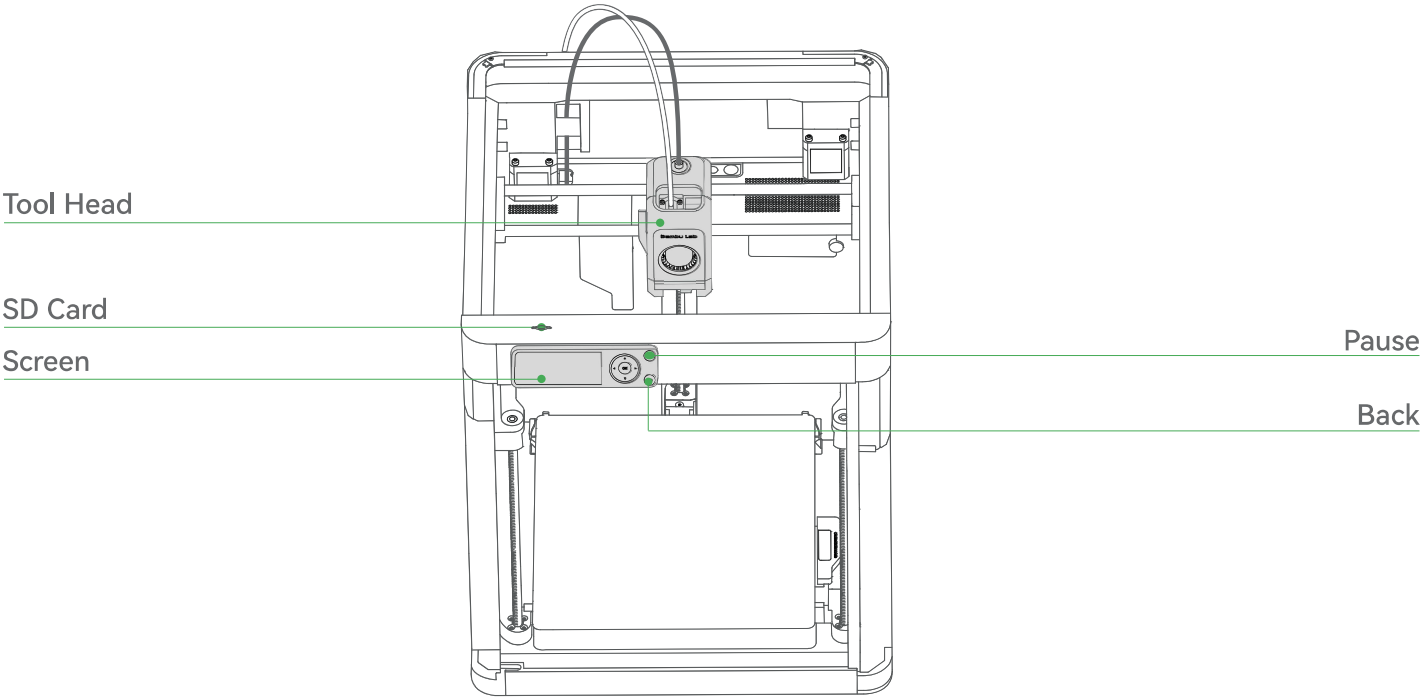
\* Safety Notice: Do not connect to power until assembly is complete.





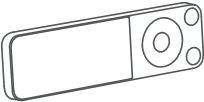
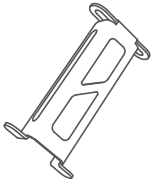
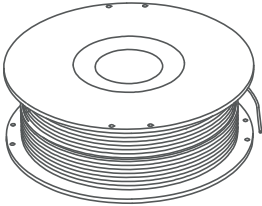
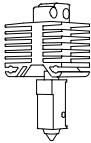
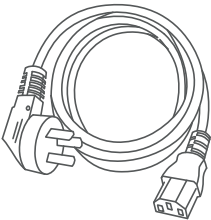
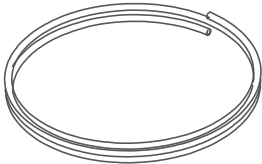
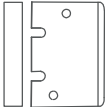
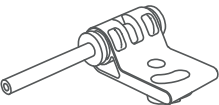
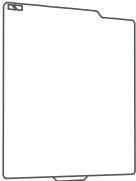
**Bambu Studio & Bambu Handy**  
<https://bambulab.com/download>

# Component Introduction



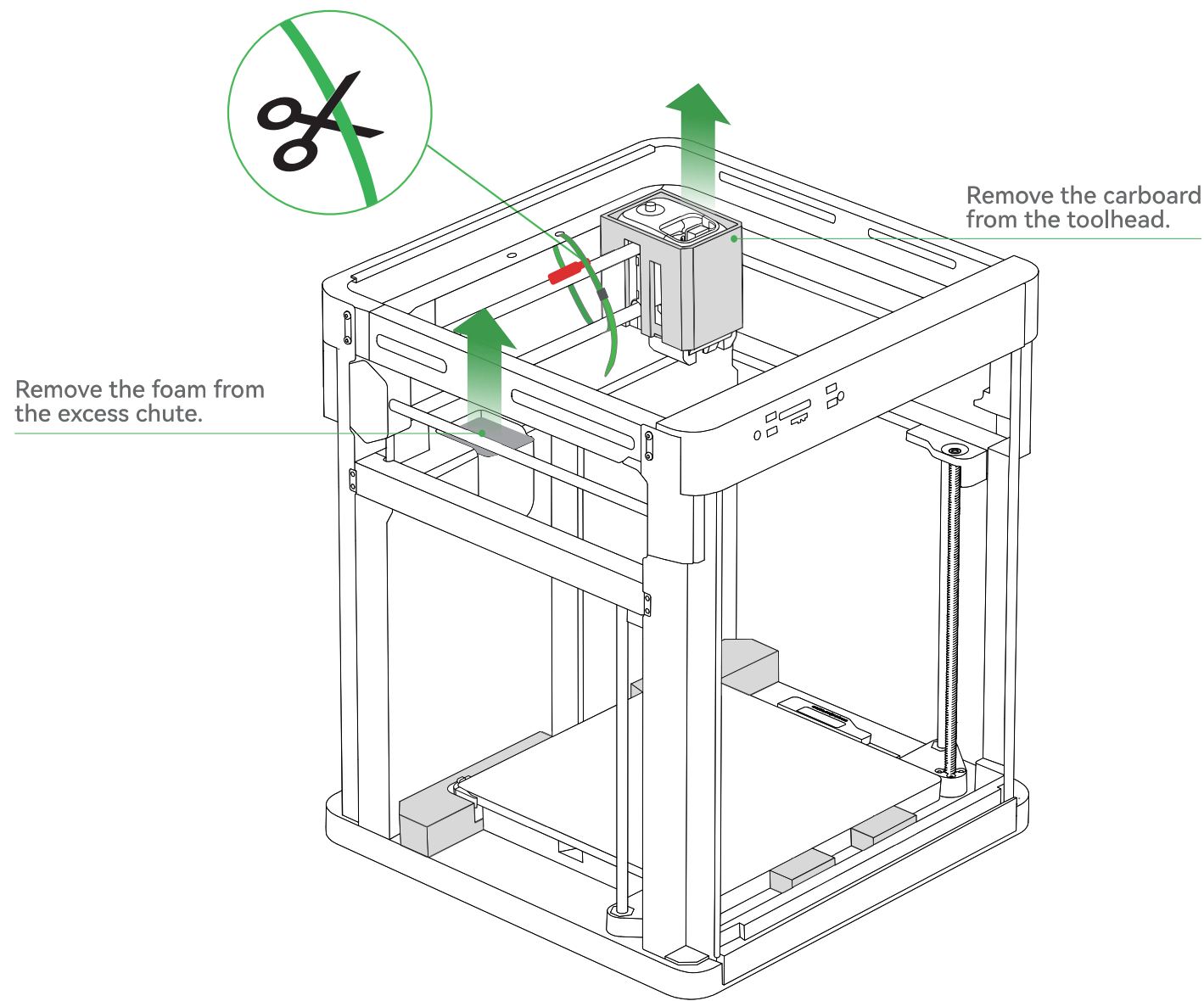
# Accessory Specification

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|                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|    |    |    |    |    |
| Screen                                                                              | Spool Holder                                                                        | Filament                                                                            | Spare Hot End                                                                         | Nozzle Wiping Pad (x2)                                                                |
|    |  |  |  |  |
| Power Cord                                                                          | Unclogging Pin Tool                                                                 | PTFE Tube                                                                           | Bambu Scraper                                                                         | Allen Key H1.5<br>Allen Key H2                                                        |
|  |  |                                                                                     |                                                                                       |                                                                                       |
| PTFE Tube Anchor                                                                    | Build Plate                                                                         |                                                                                     |                                                                                       |                                                                                       |

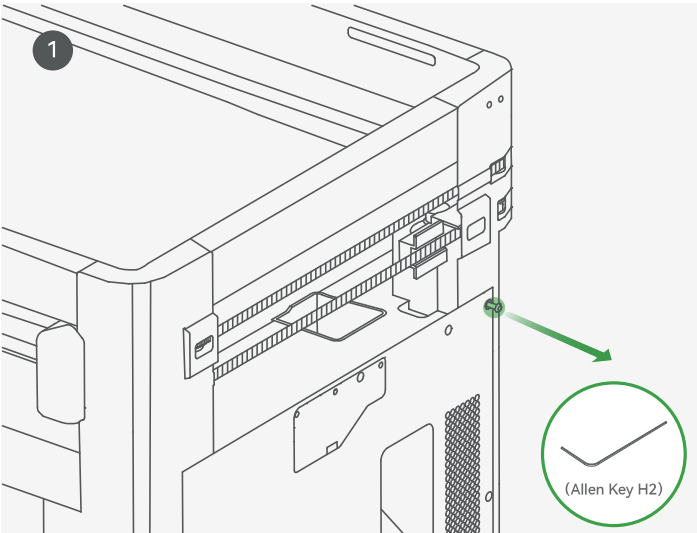
# Tool Head Unlock

Cut the zip tie securing the toolhead.

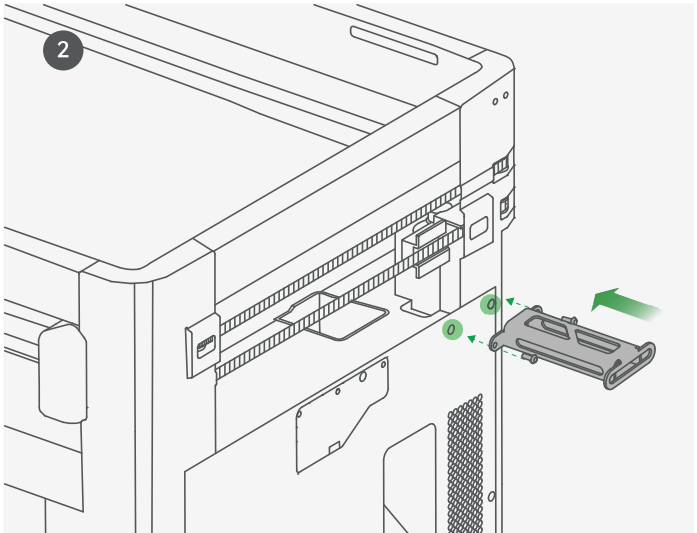


# Spool Holder & PTFE Tube Anchor Assembly

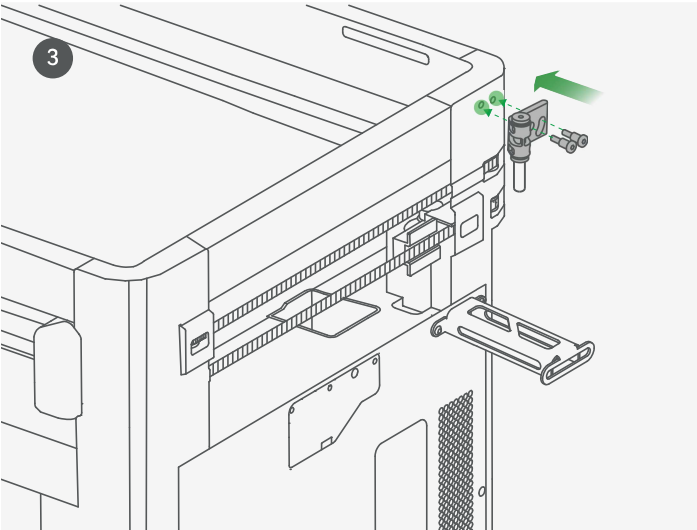
\*We recommend using the short end of the Allen Key H2 to unlock the screws more easily.



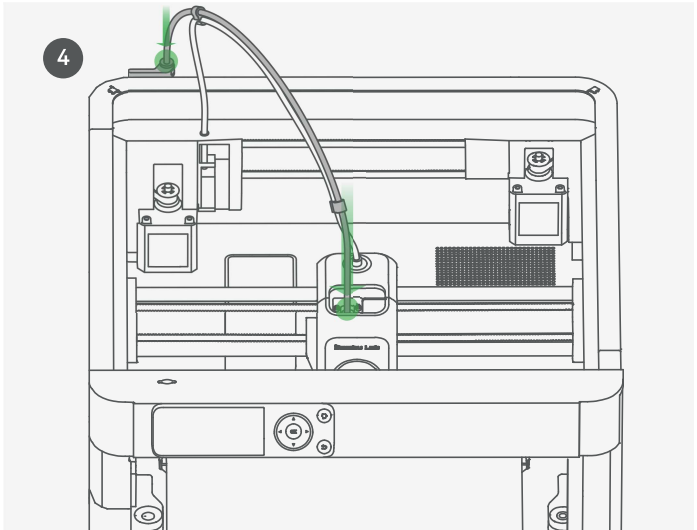
Remove the screws as pictured with an Allen Key H2.



Secure the spool holder with two screws from the accessory box.

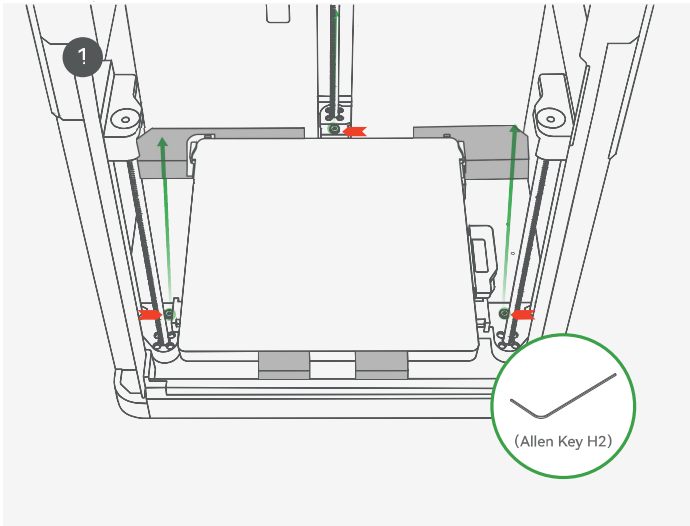


Secure the PTFE tube anchor with two screws from the accessory box.

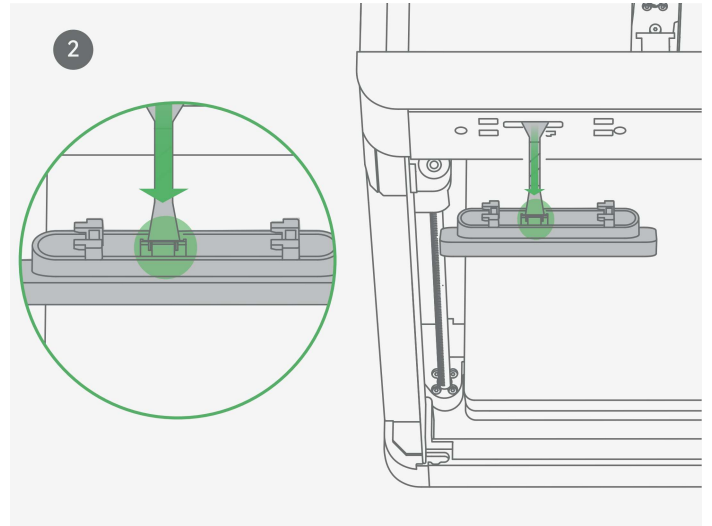


Place the PTFE tube as pictured. Make sure both ends of the PTFE tube are inserted tightly.

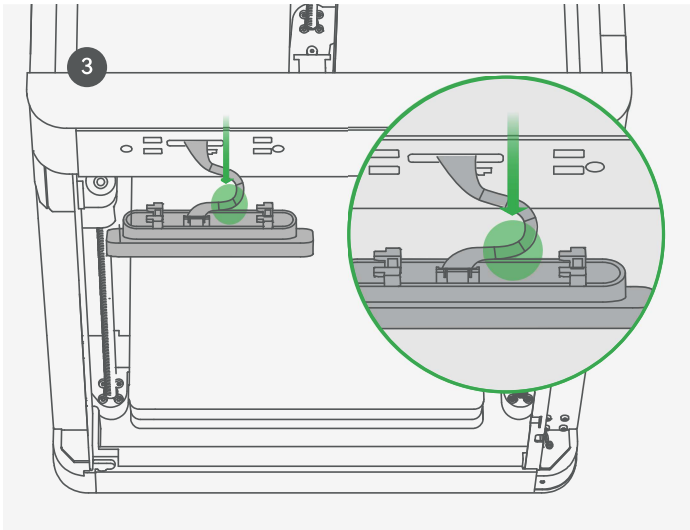
## Hot Bed Unlock & Screen Installation



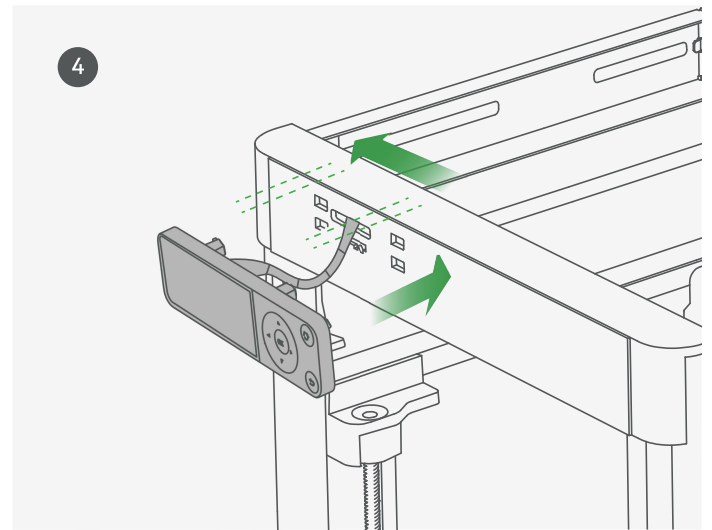
Remove the three screws with an Allen Key H2 to unlock the hot bed.



Insert the LCD cable into the port by plugging it into the terminal as pictured.



**Attention:** Bend the LCD cable towards the opening on the back of the screen as pictured.



Inset the screen back to the slot on the printer, then lock it by pushing it to the left.

## Printer Binding

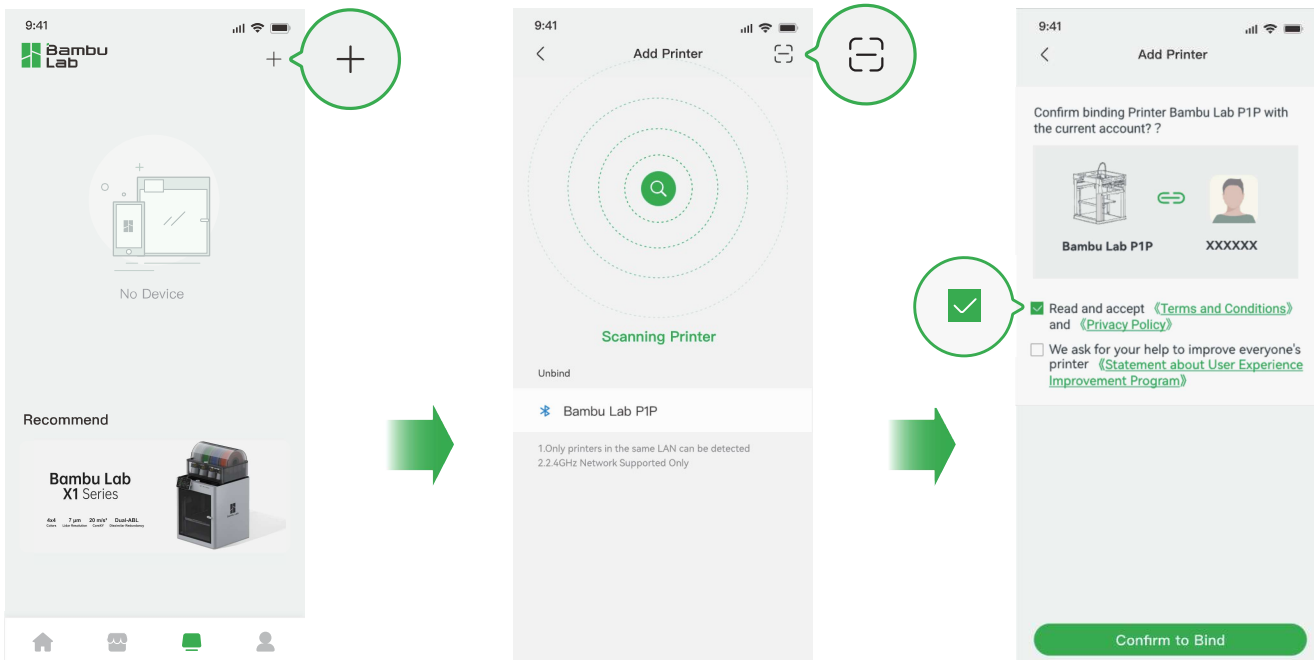
1. Download the Bambu Handy App. Register and log in to your Bambu Lab account.



2. Connect the printer to power. Follow the instructions on the screen until getting to the page shown on the right side.



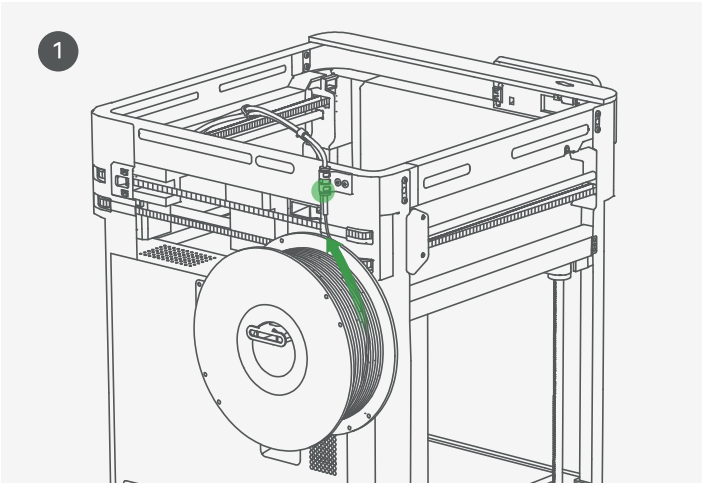
3. Use Bambu Handy to scan the QR code on the screen, and bind your printer with your Bambu Lab account.



4. Follow the instructions on the screen to complete the initial calibration. It is normal to have vibration and noise during the calibration process.

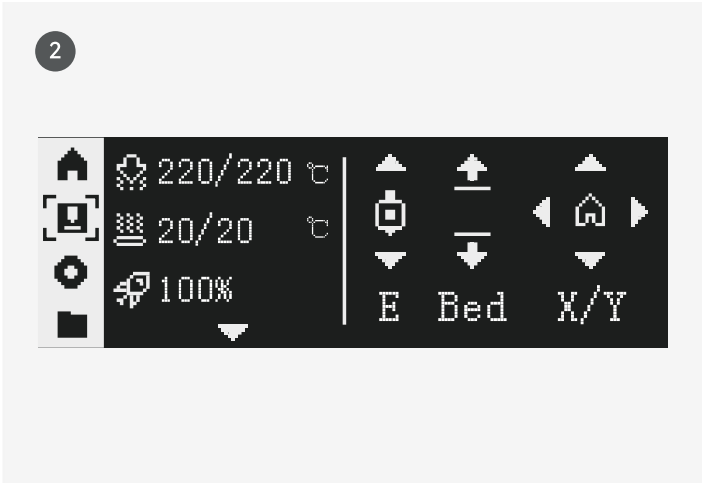
**DO NOT** remove the protective foam from beneath the hot bed until after the initial calibration is complete.

# First Print

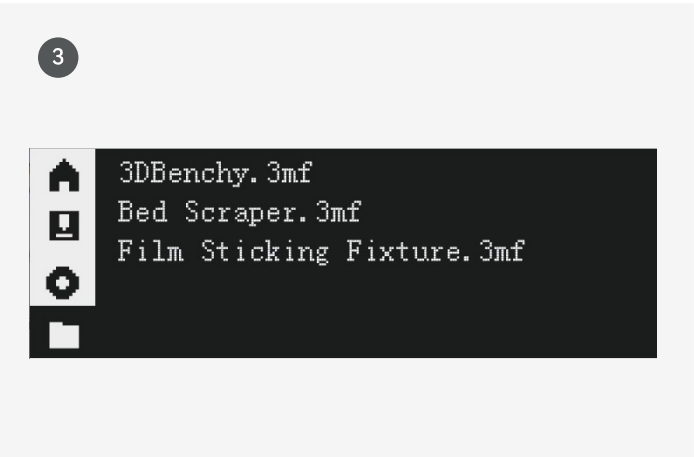


Insert filament into the PTFE Tube. Keep pushing the filament until it can not move forward.

\*We recommend using the supplied Bambu PLA Basic for your first test print.



Select " " - " ", and heat the nozzle to the recommended temperature for the filament. Select " " - " E " - " " several times until the filament comes out from the nozzle and cannot be pulled out from the PTFE tube anchor manually.

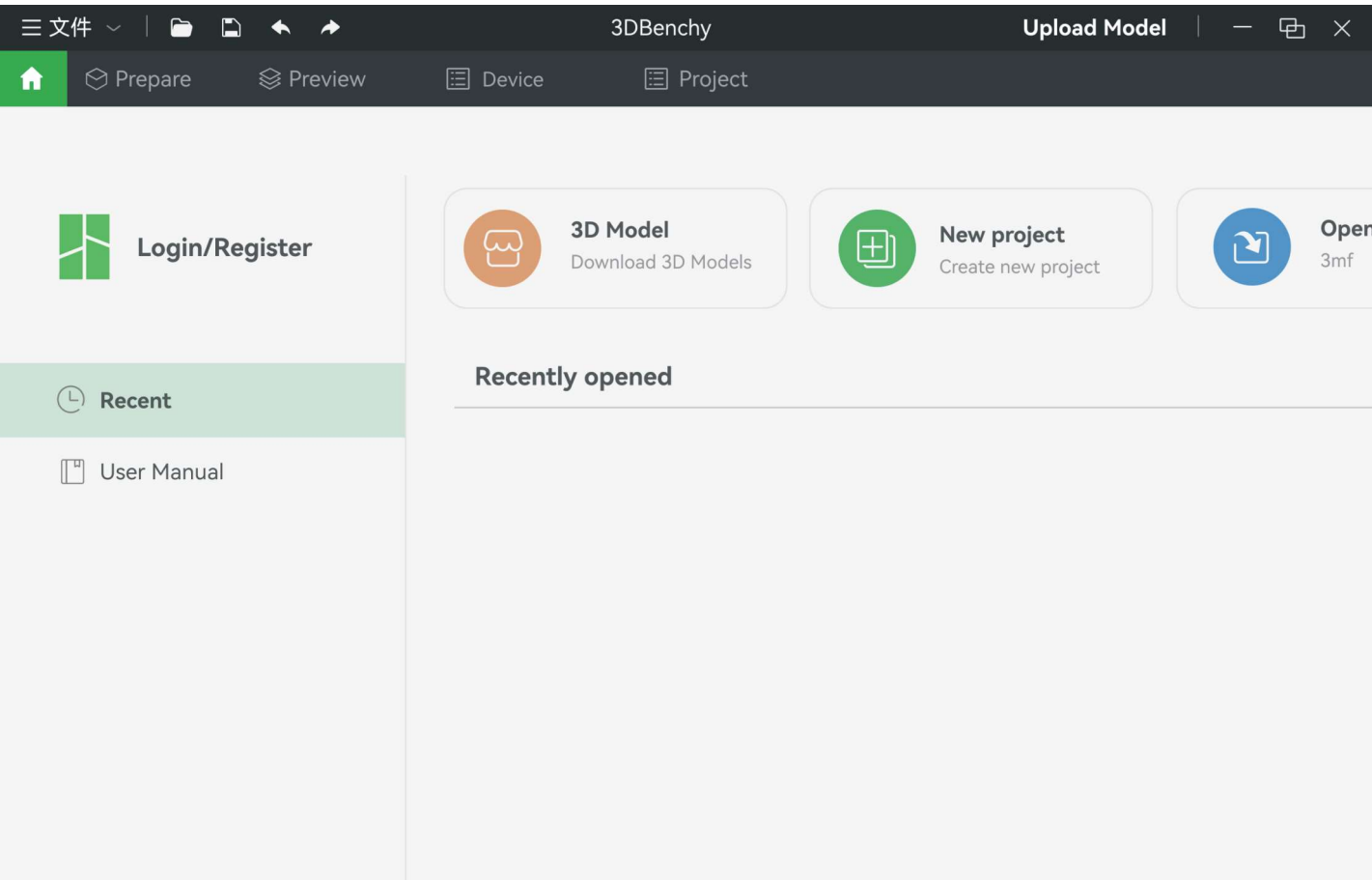


Select " " and select a file to start the first print.

\*We recommend using one of the pre-loaded files as a first test print.

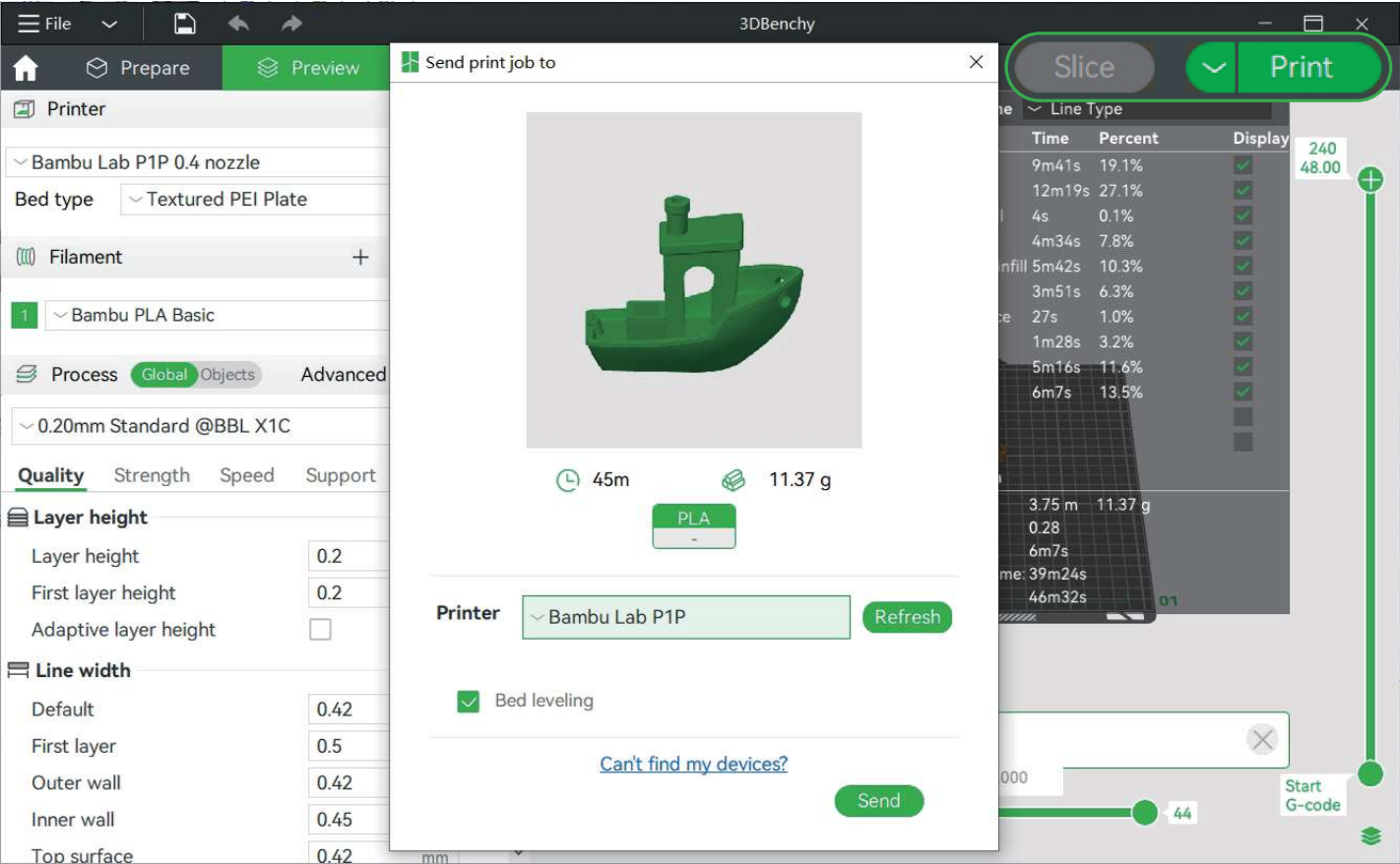
# Bambu Studio

Download Bambu Studio: <http://bambulab.com/download>



Log in to Bambu Studio with your Bambu Lab account, which is the same for the Bambu Online store. Create or open a project.

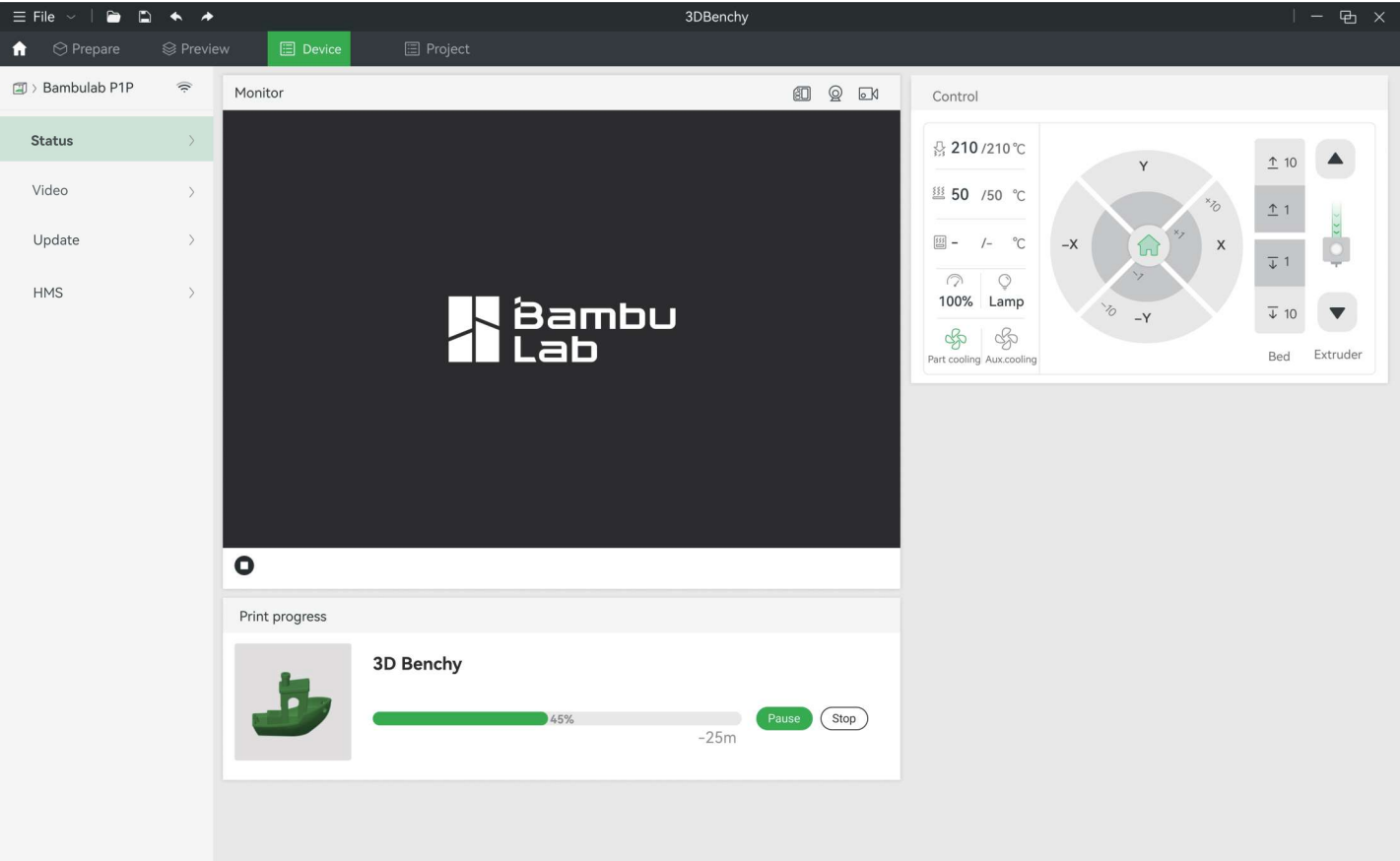
# Bambu Studio



Slice the model, select your printer and send the model to print.

\*We recommend doing bed leveling everytime you start a print.

# Bambu Studio



During printing, you can remotely monitor your print, or pause/stop printing on the "Device" interface.

\*The live view can be seen only if a camera is mounted.

## Specification

| Item                |                                       | Specification                                                                                                      |
|---------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Printing Technology |                                       | Fused Deposition Modeling                                                                                          |
| Body                | Build Volume(W×D×H)                   | 256*256*256 mm <sup>3</sup>                                                                                        |
|                     | Chassis                               | Steel                                                                                                              |
|                     | Shell                                 | Printable                                                                                                          |
| Toolhead            | Hot End                               | All-Metal                                                                                                          |
|                     | Extruder Gears                        | Steel                                                                                                              |
|                     | Nozzle                                | Stainless Steel                                                                                                    |
|                     | Max Hot End Temperature               | 300 °C                                                                                                             |
|                     | Nozzle Diameter (Included)            | 0.4 mm                                                                                                             |
|                     | Nozzle Diameter (Optional)            | 0.2 mm, 0.6 mm, 0.8 mm                                                                                             |
|                     | Filament Cutter                       | Yes                                                                                                                |
|                     | Filament Diameter                     | 1.75 mm                                                                                                            |
| Heatbed             | Compatible Build Plate                | Bambu Dual-Sided Textured PEI Plate<br>Bambu Cool Plate<br>Bambu Engineering Plate<br>Bambu High Temperature Plate |
|                     | Max Build Plate Temperature           | 100°C                                                                                                              |
| Speed               | Max Speed of Toolhead                 | 500 mm/s                                                                                                           |
|                     | Max Acceleration of Toolhead          | 20 m/s <sup>2</sup>                                                                                                |
|                     | Max Hot End Flow                      | 32 mm <sup>3</sup> /s @ABS(Model: 150 * 150 mm single wall;<br>Material: Bambu ABS; Temperature: 280°C)            |
| Cooling             | Part Cooling Fan                      | Closed Loop Control                                                                                                |
|                     | Hot End Fan                           | Closed Loop Control                                                                                                |
|                     | Auxiliary Part Cooling Fan            | Optional                                                                                                           |
| Supported Filament  | PLA, PETG, TPU, PVA, PET              | Ideal                                                                                                              |
|                     | PA, PC, ABS, ASA                      | Capable                                                                                                            |
|                     | Carbon/Glass Fiber Reinforced Polymer | Not Recommended                                                                                                    |
| Sensors             | Chamber Monitoring Camera             | Low Rate Camera 1280 x 720/0.5fps<br>Timelapse Supported                                                           |
|                     | Filament Run Out Sensor               | Yes                                                                                                                |
|                     | Filament Odometry                     | Optional with AMS                                                                                                  |
|                     | Power Loss Recover                    | Yes                                                                                                                |
| Physical Dimensions | Dimensions (W×D×H)                    | 386*389*458 mm <sup>3</sup>                                                                                        |
|                     | Net Weight                            | 9.65 kg                                                                                                            |

## Specification

|                       |                          |                                                                                                                                                                         |
|-----------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical Parameters | Input Voltage            | 100-240 VAC, 50/60 Hz                                                                                                                                                   |
|                       | Max Power                | 1000 W @220 V, 350 W @110 V                                                                                                                                             |
|                       | USB Output Power         | 5 V/1.5 A                                                                                                                                                               |
| Electronics           | Display                  | 2.7-inch 192x64 Screen                                                                                                                                                  |
|                       | Connectivity             | Wi-Fi, Bluetooth, Bambu-Bus                                                                                                                                             |
|                       | Storage                  | Micro SD Card                                                                                                                                                           |
|                       | Control Interface        | Button, APP, PC Application                                                                                                                                             |
|                       | Motion Controller        | Dual-Core Cortex M4                                                                                                                                                     |
| Software              | Slicer                   | Bambu Studio<br>Support third party slicers which export standard G-code such as Superslicer, Prusaslicer and Cura, but certain advanced features may not be supported. |
|                       | Slicer Supported OS      | MacOS, Windows                                                                                                                                                          |
| Wifi                  | Frequency Range          | 2412 MHz-2472 MHz(CE)<br>2412 MHz-2462 MHz(FCC)<br>2400 MHz-2483.5 MHz(SRRC)                                                                                            |
|                       | Transmitter Power (EIRP) | ≤21.5 dBm(FCC)<br>≤20 dBm(CE/SRRC)                                                                                                                                      |
|                       | Protocol                 | IEEE802.11 b/g/n                                                                                                                                                        |
| Bluetooth             | Frequency Band           | 2402MHz-2480MHz(CE/FCC)<br>2400MHz-2483.5MHz(SRRC)                                                                                                                      |
|                       | Transmitter Power (EIRP) | ≤20dBm(FCC/SRRC)<br><10dBm(CE)                                                                                                                                          |
|                       | Protocol                 | BLE5.0                                                                                                                                                                  |

# Customer Support

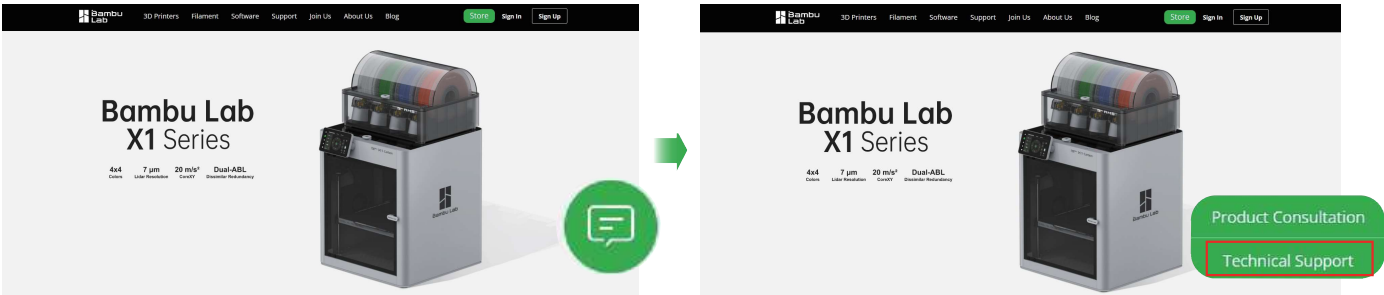
Please visit the Bambu Lab Wiki for more setup and maintenance tutorials.

<https://wiki.bambulab.com/en/home>

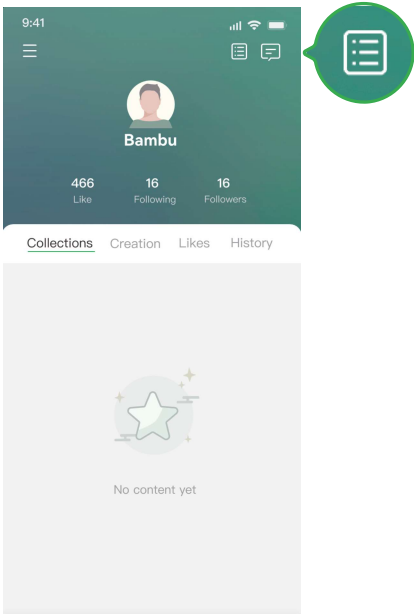


If you need support, please try either of the two approaches:

## Approach 1: Create a support ticket on the Official Website



## Approach 2: Create a support ticket on the Bambu Handy App





**Bambu Lab**

**Enjoy!**

[www.bambulab.com](http://www.bambulab.com)