

Network Setting



① Follow the instructions untill you see this screen. Press “Select Wifi” to search for available network.



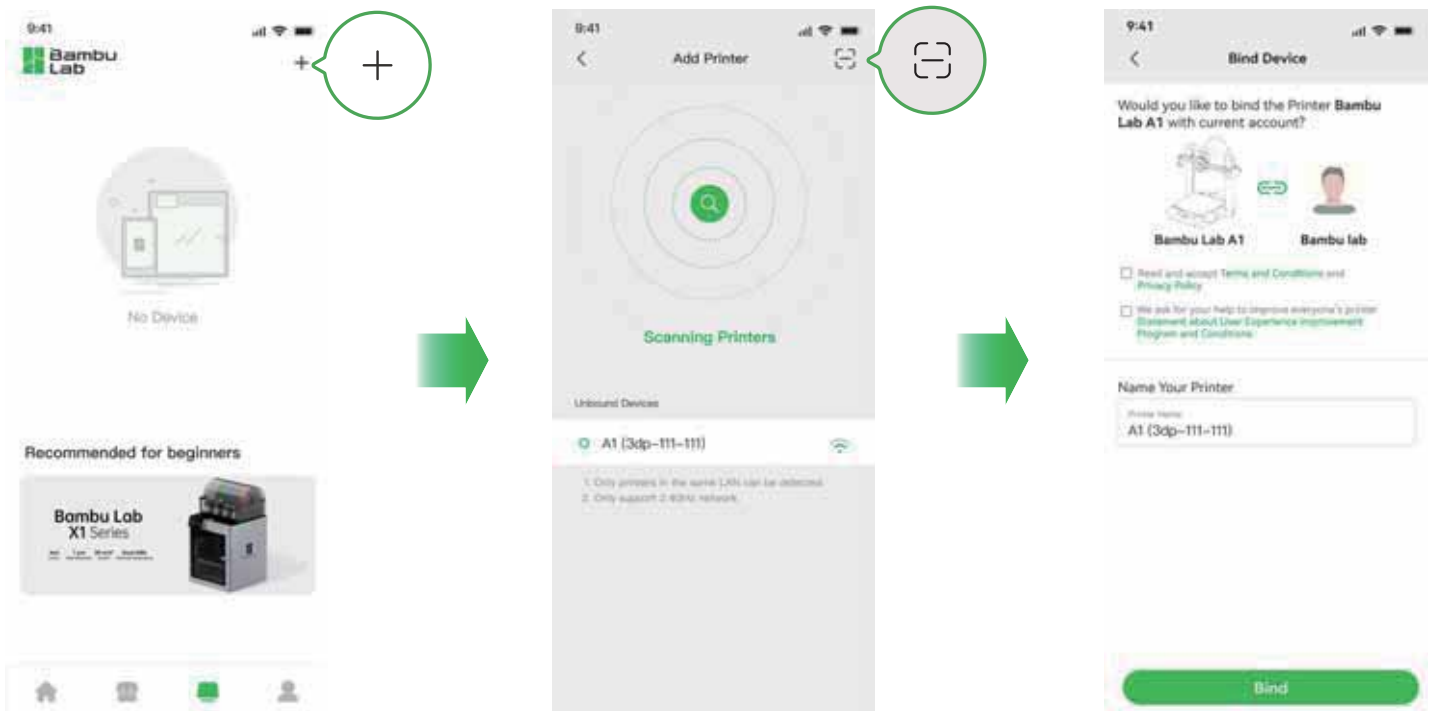
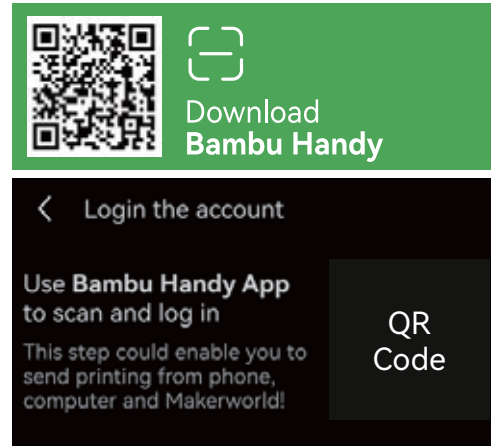
② Select your preferred network.



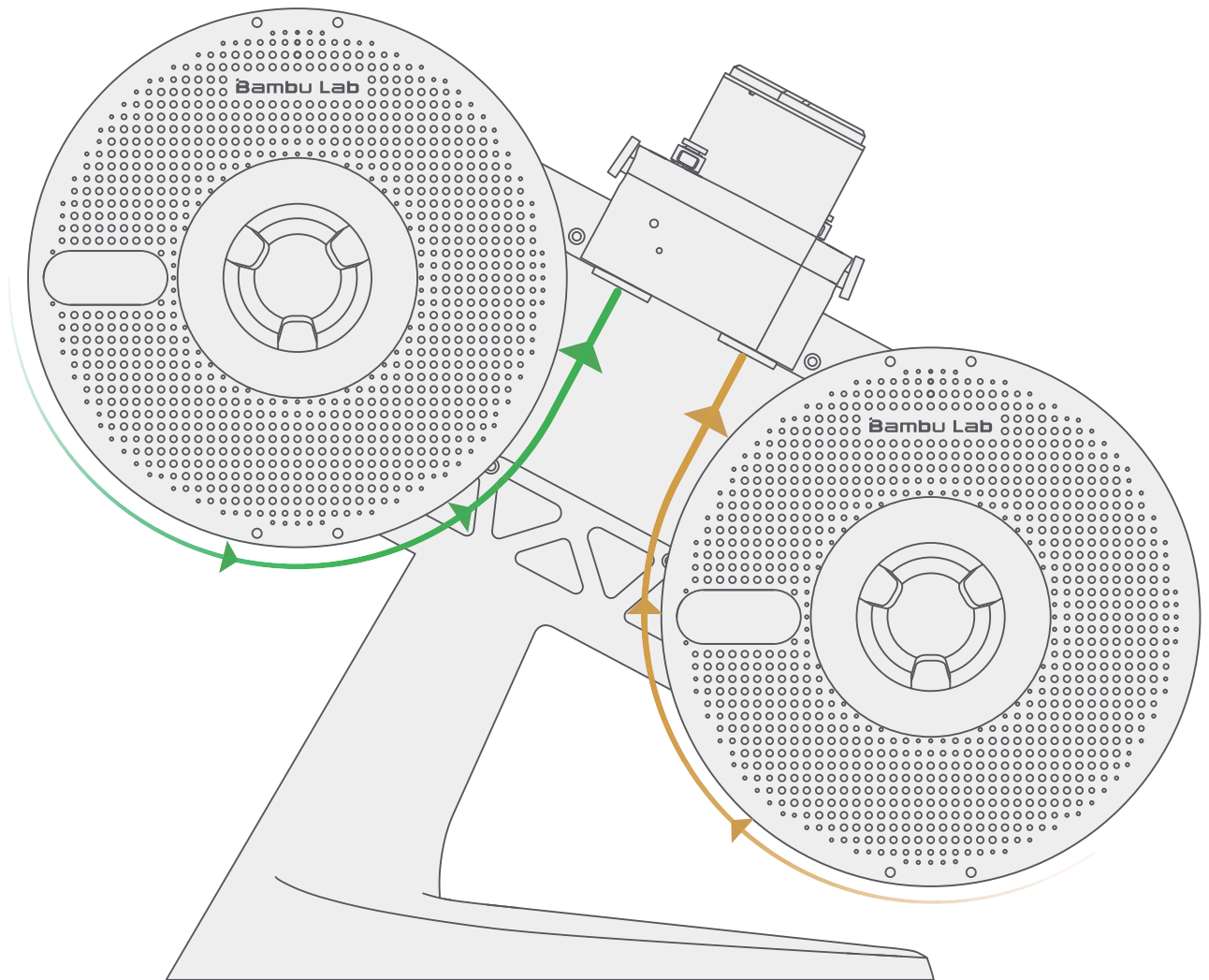
③ Input the passcode, and then press “OK”.

Printer Binding

- ① Download the Bambu Handy App. Register and log in to your Bambu Lab account.
- ② Use Bambu Handy to scan the QR code on the screen, and bind your printer to your Bambu Lab account.
- ③ Follow the instructions on the screen to complete the initial calibration. It is normal to have vibration and noise during the calibration process.



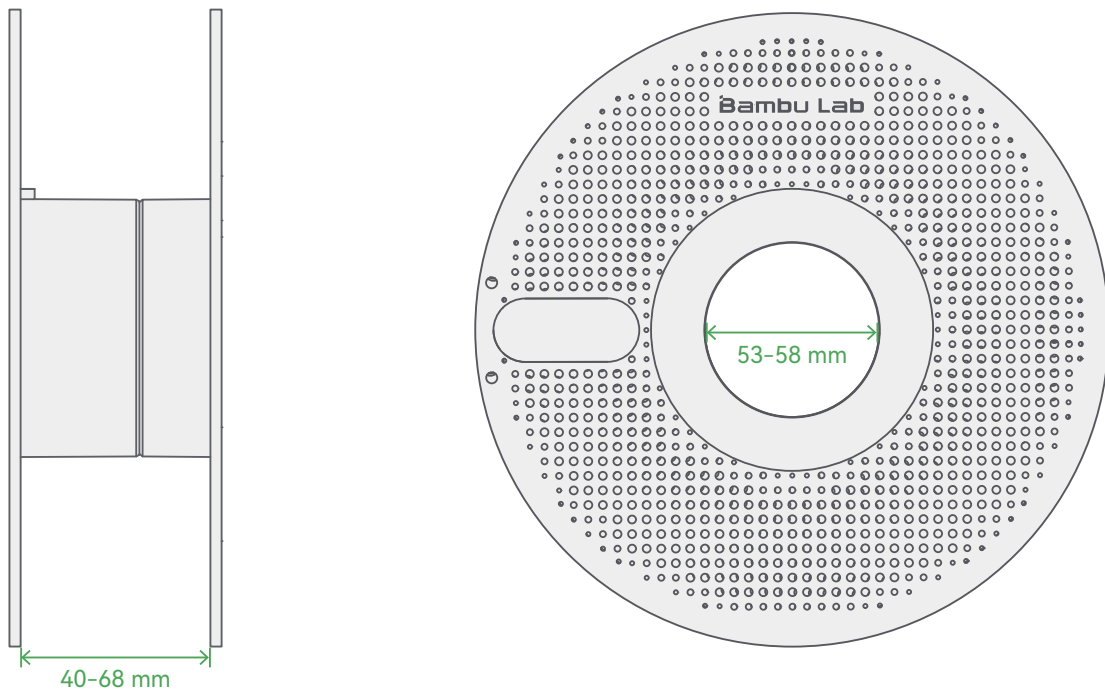
Spool Loading



- ① Orient spool installation according to the filament winding direction. (as shown in the diagram)

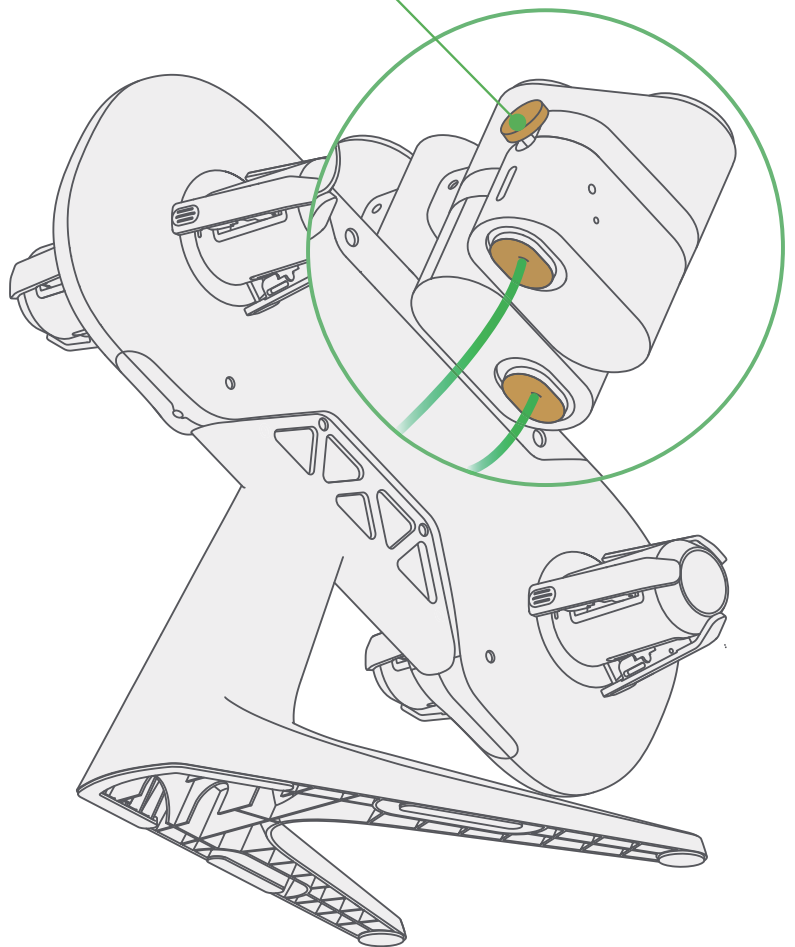
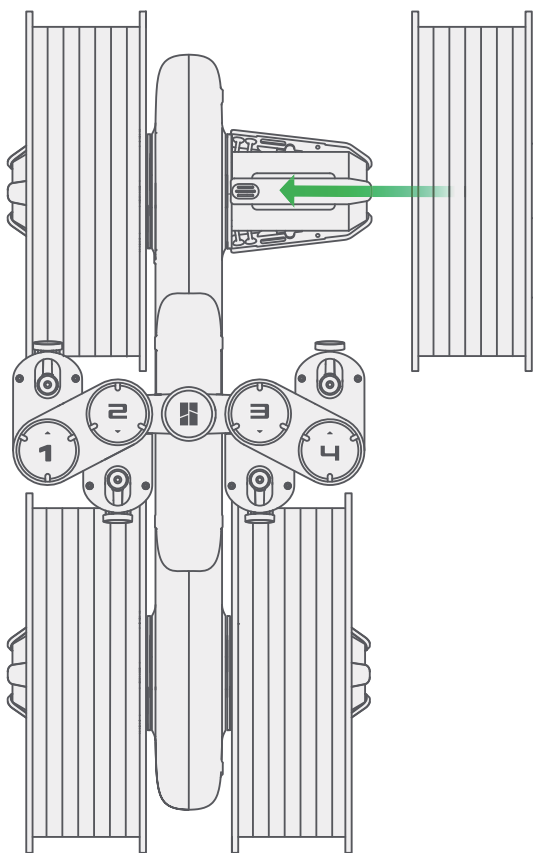
*Warning

- ① The AMS lite supports spools with a width of 40–68 mm and an inner diameter of 53–58 mm.
- ② Avoid using AMS lite to print flexible materials, including TPU, TPE, or absorbent PVA. Avoid using materials that are too hard (too high modulus) or too brittle (not enough toughness), including third-party fiber reinforcement materials (PA-CF/GF, PET-CF/GF, PLA-CF/GF, etc.). Please use external spool placement to print these filament.



Spool Loading

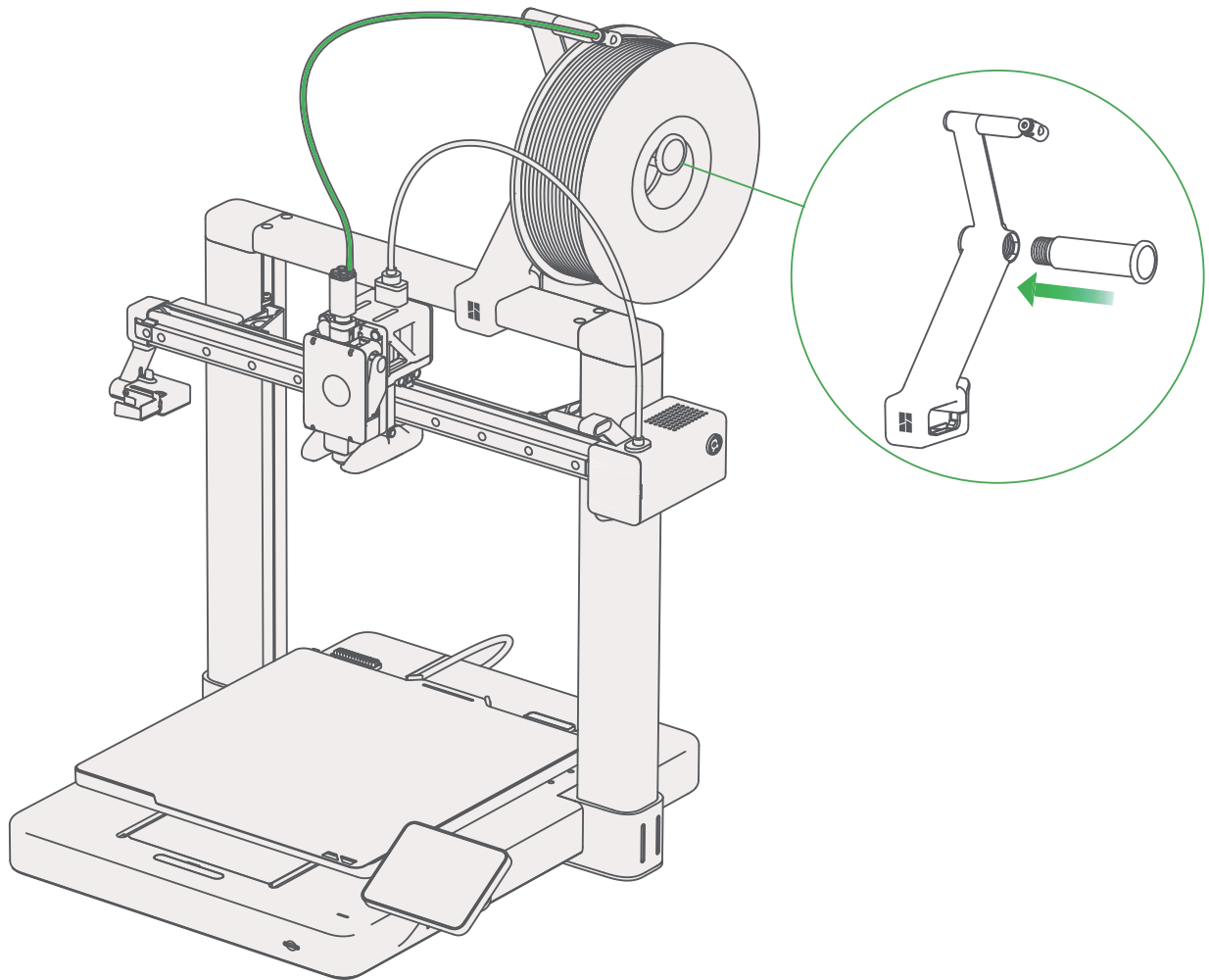
Note: Press the release button to disengage drive motor if filament stuck.



① Push the spool all the way onto the spool retractor, make sure it fully click into place.

② Feed the filament into the filament inlet.

External Spool (for non-AMS use case)

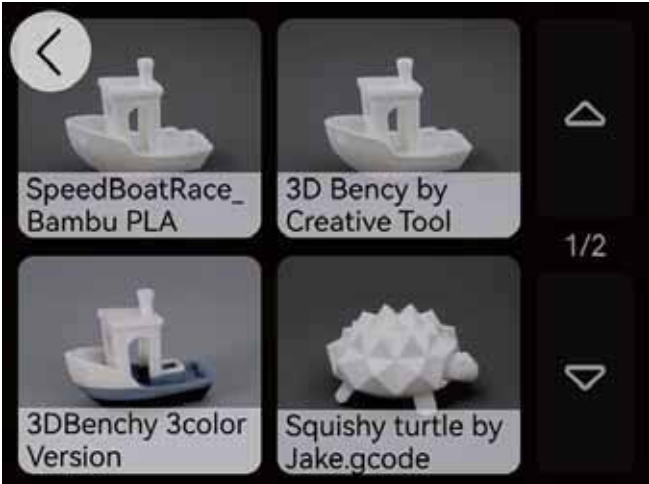


- ① Assemble the spool holder.
- ② Connect the toolhead filament inlet (either one of four) and the filament guide with the 600mm (shortest) PTFE tube as shown in the diagram.
- ③ Hang filament spool on spool holder then feed the filament line into the PTFE tube as shown in the diagram.

First Print



① Press “Print Files” to access the preloaded models on the SD card.



② Select the model you want to print.

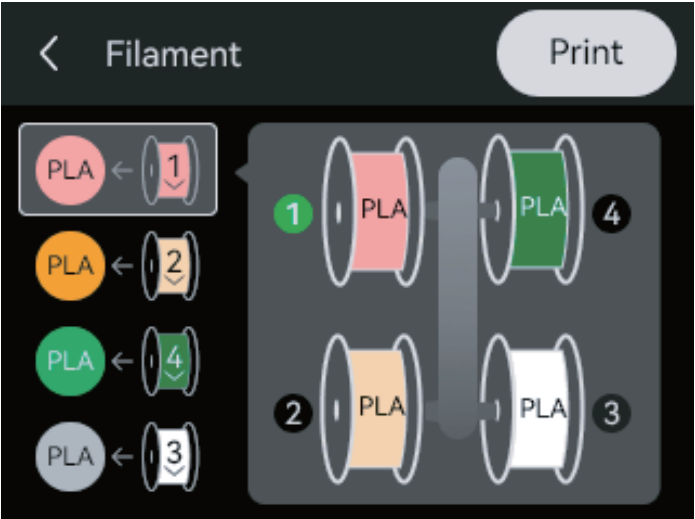


③ Turn on “Use AMS” if you are using filaments on AMS.

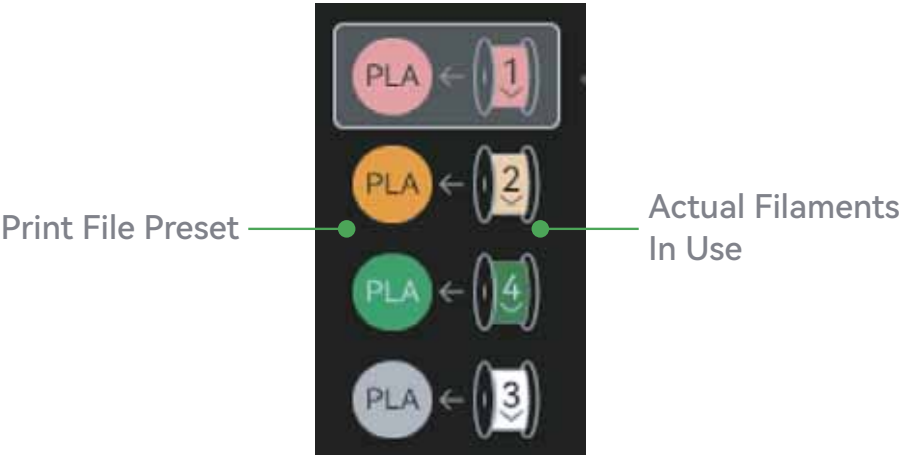
Turning on “Bed leveling” is recommended.

Turn on “Timelapse” for timelapse video recording.

AMS Mapping



Map the actual filaments you have to the print file preset filaments.



Note: We recommend using similar colors to match the preset. Otherwise the flush setting might be inaccurate.



Specification

Item		Specification
Printing Technology		Fused Deposition Modeling
Body	Build Volume (W×D×H)	256*256*256 mm ³
	Chassis	Steel + Extruded Aluminum
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 Textured PEI Plate Bambu Smooth PEI Plate Bambu Cool Plate
	Max Build Plate Temperature	100 °C
Speed	Max Speed of Tool Head	500 mm/s
	Max Acceleration of Tool Head	10000mm/s ²
	Max Hot End Flow	28 mm ³ /s @ABS (Model: 150*150 mm single wall; Material: Bambu ABS; Temperature: 280 °C)
Cooling	Part Cooling Fan	Closed Loop Control
	Hot End Fan	Closed Loop Control
Supported Filament	PLA, PETG, TPU, PVA	Ideal
	ABS, ASA, PC, PA, PET, Carbon/Glass Fiber Reinforced Polymer	Not Recommended
Sensors	Monitoring Camera	Low Rate Camera (up to1080P) Timelapse Supported
	Filament Run Out Sensor	Yes
	Filament Odometry	Yes
	Power Loss Recover	Yes
	Filament Tangle Sensor	Yes
Physical Dimensions	Dimensions (W×D×H)	385*410*430mm ³
	Net Weight	8.3kg

Specification

Electrical Parameters	Input Voltage	100-240 VAC, 50/60 Hz
	Max Power	1300W@220V, 350W@110V
Electronics	Display	3.5 inches 320*240 IPS Touch Screen
	Connectivity	Wi-Fi, Bambu-Bus
	Storage	Micro SD Card
	Control Interface	Touch Screen, APP, PC Application
	Motion Controller	Dual-Core Cortex M4
Software	Slicer	Bambu Studio Support third party slicers which export standard Gcode such as Superslicer, Prusaslicer and Cura, but certain advanced features may not be supported.
	Slicer Supported OS	MacOS, Windows
Wi-Fi	Frequency Range	2412 MHz - 2472 MHz (CE) 2412 MHz - 2462 MHz (FCC) 2400 MHz - 2483.5 MHz (SRRC)
	Transmitter Power (EIRP)	≤ 21.5 dBm (FCC) ≤ 20 dBm (CE/SRRC)
	Protocol	IEEE 802.11 b/g/n



Bambu Studio
Bambu Handy

<https://bambulab.com/download>



Bambu Lab

Enjoy!

www.bambulab.com

折页形式
材质: 80g 哑粉纸
工艺: 模切, 单色专色印刷
PANTONE:447 C



Bambu Lab A1 3D Printer
Disclaimer and Safety Guidelines

正面

Disclaimer and Warning

Thanks for purchasing a Bambu Lab product. The information in this document affects your safety and your legal rights and responsibilities. Read this entire document carefully, to ensure proper configuration before use. Failure to read and follow instructions and warnings in this document may result in serious injury to yourself or others, damage to your Bambu Lab product, or damage to other objects in the vicinity. This document and other documents are part of the product's instructions and should be read and understood before use.

By using this product, you hereby signify that you have read this disclaimer and warning carefully, and that you understand and agree you are solely responsible for your own conduct while using this product, and for any consequences thereof. You agree to use this product only for purposes that are proper and in accordance with the intended use of the product, and you agree to use the product in a safe and responsible manner. Bambu Lab has made and may make available. Bambu Lab accepts no liability for damage, or injury or any legal responsibility incurred directly or indirectly from the use of the product. The user shall observe safe and lawful practices including, but not limited to, those set forth in this document.

Bambu Lab is a trademark of Shenzhen Tioozhu Technology Co., Ltd. and its affiliated companies. Names of product, trademarks, appearing in this manual are trademarks or registered trademarks of their respective owner companies.

Before You Start

The following documents have been produced to help you safely operate and make full use of your Bambu Lab A1 3D Printer:
Bambu Lab A1 3D Printer Quick Start Guide
Bambu Lab A1 3D Printer Disclaimer and Safety Guidelines
Check that you have all the included parts. Please review the entire Quick Start Guide before operating the printer. Read the entire manual and all associated documents before using the printer. If you have any questions or problems during the installation, maintenance, or use of this product, please contact Bambu Lab or a Bambu Lab authorized dealer.

Safety Guidelines

1. The product shall be used by personnel with necessary training, knowledge and experience.
2. The power cord shall be disconnected from the power supply before carrying out any installation or maintenance work.
3. The product shall be connected to a mains socket outlet with a protective earthing connection. Installation and use shall be carried out by a skilled worker in compliance with the applicable safety regulations.
4. Installation and use shall be carried out in accordance with the instructions and local safety regulations.
5. Do not use multiple plug adapters or extension leads.
6. Do not touch the product with any wet part of the body and do not operate it while barefoot.
7. Do not touch the product when it is powered on.
8. The product shall be placed on a flat, stable surface. Do not place the product on top of other equipment.
9. The product is not allowed to be used by children. Please place the product out of the reach of children.
10. This product is designed safety for indoor use. It should be kept in a dry environment.
11. The recommended operating temperature for the appliance is between 10°C to 30°C(50°F-86°F).
12. The recommended humidity level is under 60%.
13. The product should be placed on a flat, stable and fire-workbench.

FCC Compliance Notice

Supplier's Declaration of Conformity

Product name: Bambu Lab A1 3D Printer
Model: B1-002-A
Responsible Party Address: Shenzhen Tioozhu Technology Co., Ltd. (Bambulab USA Inc)
Website: www.bambulab.com

恒反

FCC Radiation Exposure Statement This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. RISD Compliance Notice This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's License-exempt RSSB). Operation is subject to the following two conditions: - The device may not cause harmful interference, and - The device must accept any interference, including interference that may cause undesired operation of the device. Cet appareil contient un (s) émetteur(s) / récepteur(s) exempt(s) de licence (conforme à l'innovation, la science et au développement économique du Canada exempt(s) de licence). L'opération est soumise aux deux conditions suivantes : (1) Cet appareil ne doit pas causer d'interférence, (2) Cet appareil doit accepter toute interférence, y compris les interférences pouvant entraîner un fonctionnement indésirable de l'appareil. ISED Radiation Exposure Statement The device meets the exemption from the routine evaluation limits in section 2.5 of RSS-102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body. L'appareil satisfait l'exemption des limites d'évaluation normales en vertu de l'article 2.5 de l'annexe 1 de l'ordonnance sur le rayonnement électromagnétique (RSS-102), les utilisateurs peuvent obtenir l'information canadienne sur l'exposition et la conformité à l'exposition. Cet équipement ne doit pas être Co-alkoed ou ne fonctionnant en même temps qu'un autre antenne externe/récepteur externe, car cela crée une installation ex dérogation avec une distance minimum de 20 centimètres entre le radiateur et votre corps.	EU Compliance Statement Hesby Shenzhen Tuoheti Technology Co., Ltd. declares that the radio equipment type A1 used is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.bambulab.com/euro-compliance UK Compliance Statement Hesby Shenzhen Tuoheti Technology Co., Ltd. declares that the radio equipment type A1 mini is in compliance with Radio Equipment Regulations 2017. The full text of the GB declaration of conformity is available at the following internet address: www.bambulab.com/euro-compliance DANGER ELECTRIC SHOCK - KEEP HANDS CLEAR OF MOVING PARTS - DO NOT TOUCH NOZZLE OR BED WHILE HOT FCC CE UK WCHS www.bambulab.com Copyright © 2023 Bambu Lab All Rights Reserved.
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