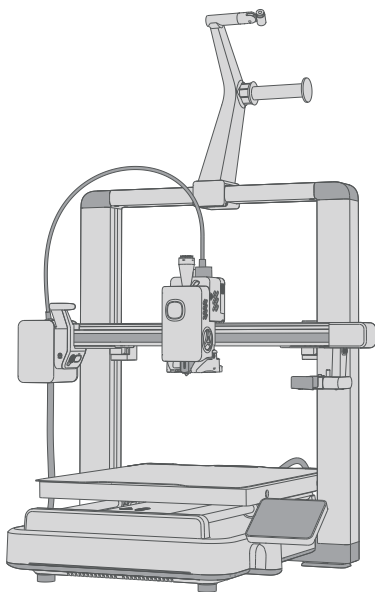


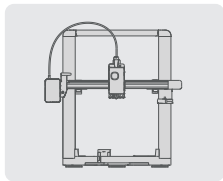
Quick Start Guide

i7

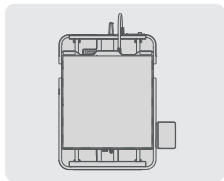


Please read this guide carefully before using the product.
Note: Do not power on the printer before installation is complete.

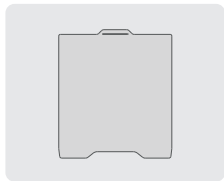
1 / Packing List



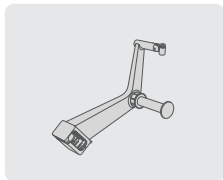
① Printer Frame



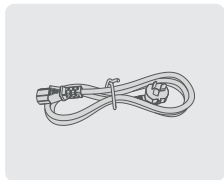
② Base Housing



③ Print plate



④ Spool holder



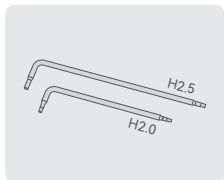
⑤ Power cable



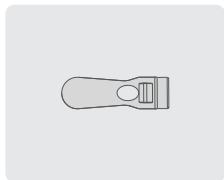
⑥ PTFE tube



⑦ Filament sample



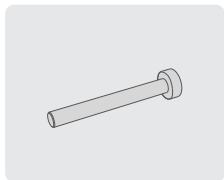
⑧ Hex wrench



⑨ Model scraper



⑩ M3x8 Screw *4



⑪ M3x34 Screw *10

* The above list is for reference only. Please refer to the actual items received.

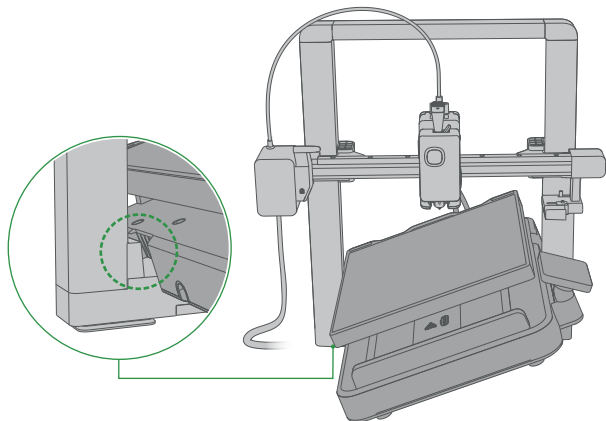
2 / Unlock and Install the Printer



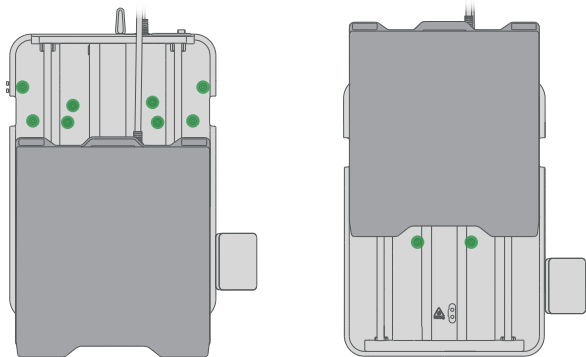
* Note: We strongly recommend scanning the QR code to view the installation Wiki and video for better guidance during the printer assembly.

2.1 Install the i7

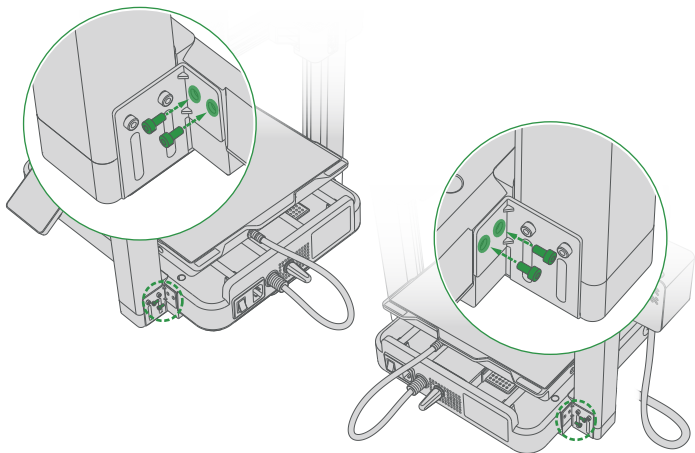
- 1 Take out the Printer Frame and the Base Housing. Insert the Base Housing through the Printer Frame and press it downward until it clicks into place.



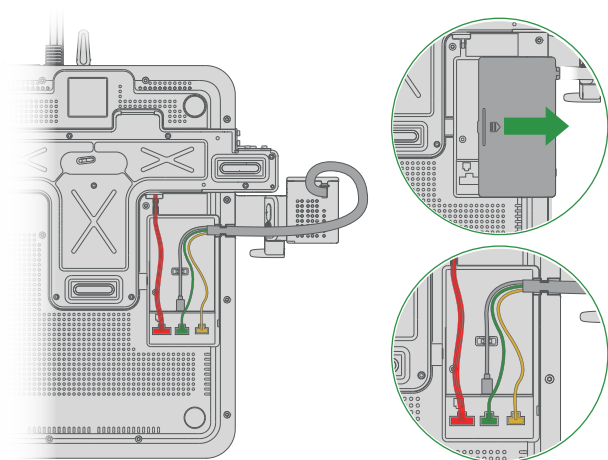
- ② After the assembly is in place, use an H2.5 hex wrench to tighten the 10*M4×34 screws on the top of the base. You may move the heated bed forward and backward to facilitate the operation.



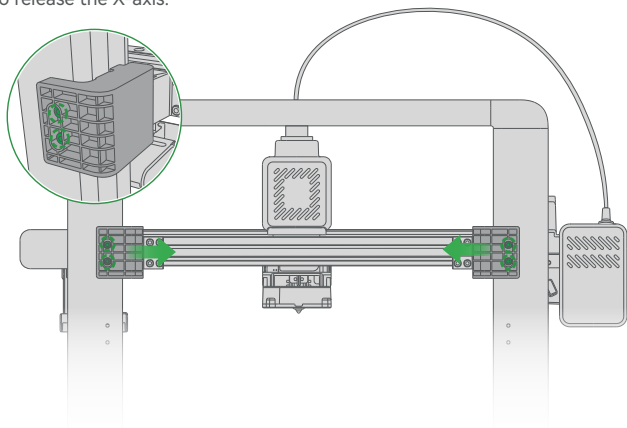
- ③ Use an H2.0 hex wrench to tighten the 2*M3×8 screws on each side.



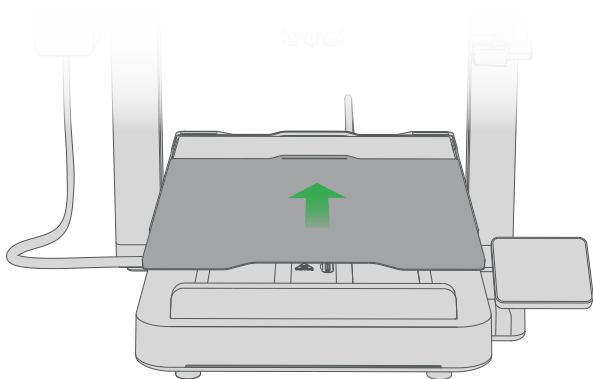
- 4 Open the bottom mainboard cover, connect the signal cables to their corresponding ports, and reinstall the cover after the connections are completed.



- 5 Unscrew and remove the X-axis lock bracket located at the back of the machine to release the X-axis.

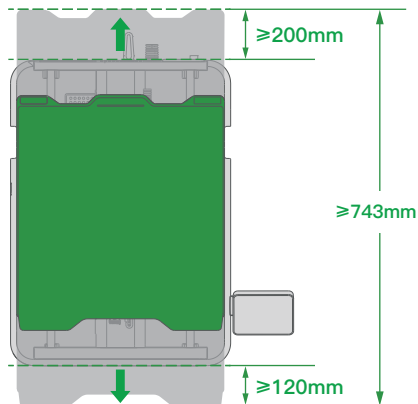


- ⑥ Place the print plate on the printer and make sure the orientation is correct.

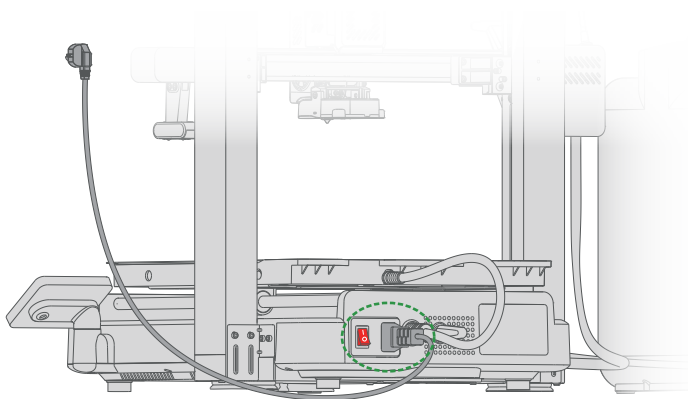


2.2 Power On

- ① Please leave enough space to avoid collision with the heated bed.

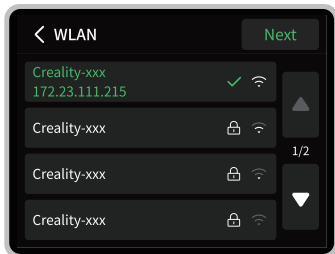
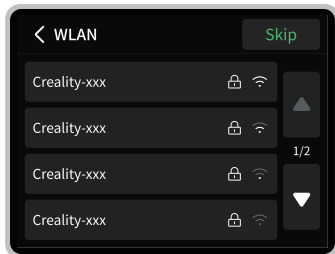


- 2 Plug in the power cable and press the power switch on the back of the machine.



3 / Startup Operation

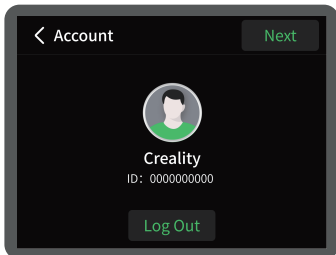
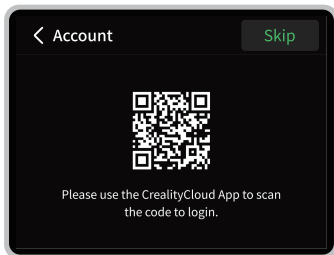
- 1 Connect to Network:



a. Follow the on-screen instructions until you reach this page, then select the network you want to connect to.

b. After connection, you can enjoy more online services.

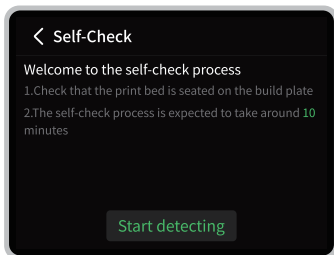
2 Log in to Account:



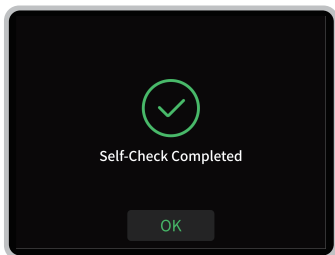
a. Scan the QR code on the printer screen to download the Creality Cloud App. Register and log in to your Creality Cloud account.

b. Use the Creality Cloud App to scan the QR code on the printer screen, and follow the instructions in the App to complete account login.

3 Printer Self-check:



a. Follow the on-screen prompts to start the device self-check.



b. Wait patiently until the self-check is completed, then you can start using the printer.



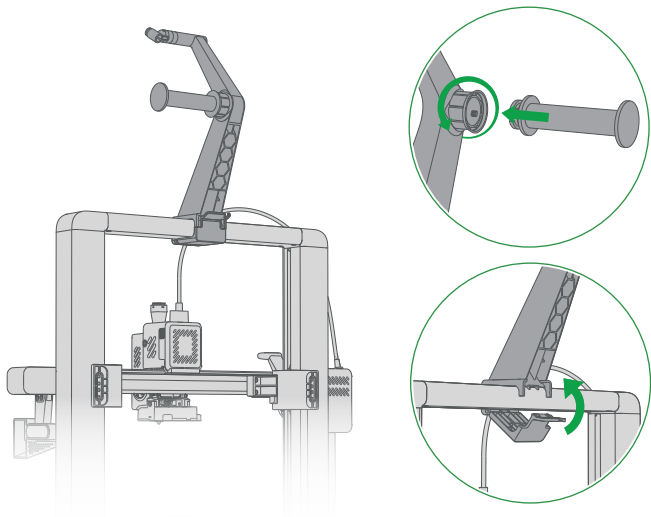
During the self-check, vibration and noise are normal phenomena.

4 / First Print Experience

4.1 Printing with spool holder

4.1.1 Install the spool holder and load the filament

- 1 Assemble the spool holder.

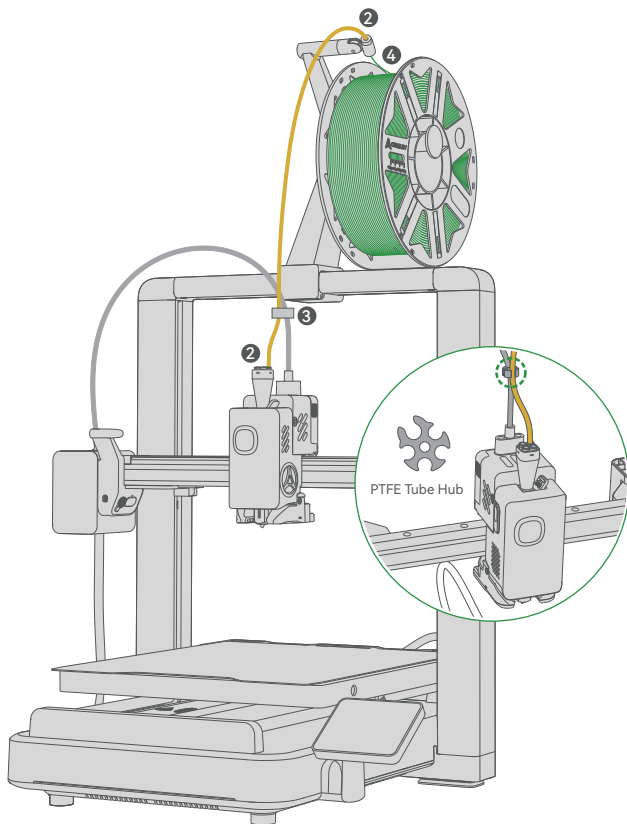


- 2 As shown, connect the PTFE tube between the spool holder and any Toolhead filament hub port.
- 3 Clip the Toolhead data cable and PTFE tube into the PTFE tube hub.
Note: Do not skip this step to avoid damage during use.
- 4 Hang the filament on the spool holder, then insert it into the Toolhead through the PTFE tube.

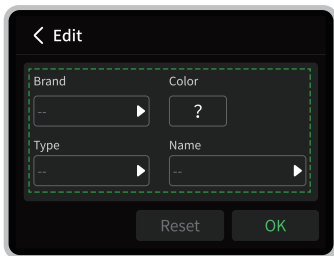
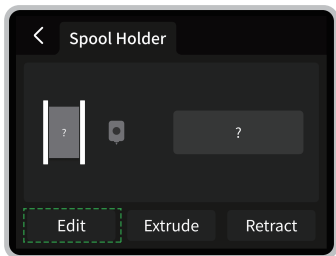
Yellow: PTFE Tube

Gray: Toolhead Data Cable

Green: Filament



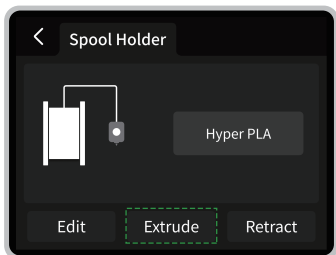
5 Edit spool holder filament information:



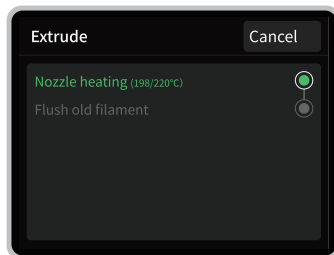
a. When the filament shows a question mark, tap Edit.

b. Set the Brand – Color – Type – Name, then tap Confirm.

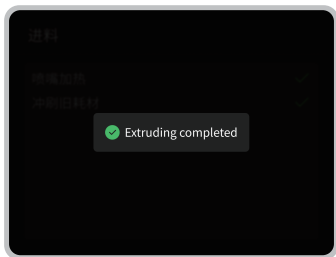
6 Follow the screen instructions to complete filament loading:



a. Tap Load.



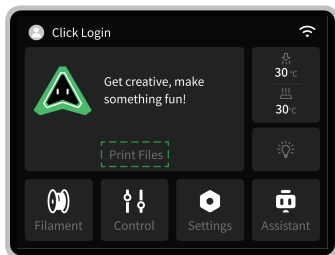
b. Wait until the loading is complete.



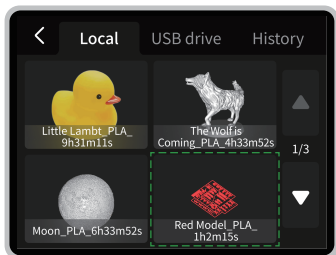
c. Filament loading completed.

4.2 Start Printing

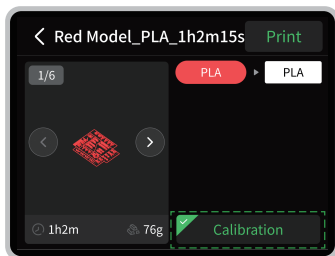
* Before printing, ensure the print plate is placed flat and free of debris.



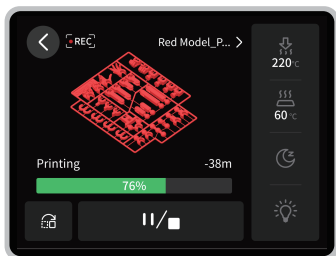
1 On the Home page, tap Print File.



2 Select the model you want to print.



3 Tap Print (It is recommended to enable the Print Calibration option).



4 Wait patiently for the printing to complete. (After printing, allow the print bed to cool down completely before removing the model.)

5 / Technical Specifications

	Item	Specification
Basic Information	Model	i7
	Brand	SPARKX
	Printing Technology	FFF
	Body Material	Metal, Plastic
	Rated Voltage/Power	100-120V~, 400W, 50/60Hz 200-240V~, 700W, 50/60Hz
	Physical Dimensions (W×D×H)	470*423*456mm ³
	Net Weight	9.28kg
	Build Volume (W×D×H)	260×260×255mm ³
	Display	2.85 inches 640*480 IPS Touch Screen
	Monitoring Camera	720P with LED fill light
	Ports	Crealty 485 6pin ; USB
	Storage	8GB, EMMC
Speed	Optimized Print Speed	300mm/s
	Optimized Acceleration	10000mm/s ²
	Max Print Speed	500mm/s
	Max Acceleration	10000mm/s ²
Supported Filament	PLA/PLA-Silk/PLA-CF/PETG	Recommended
Feature Configuration	Input Shaping	Supported
	Filament Runout Detection	Supported
	Filament Runout Recovery	Supported
	AI Monitoring	Supported, including build plate detection, spaghetti detection, and other features
	Empty Extrusion Monitoring	Supported
	Cutter Status Detection	Supported
	Intelligent Status Indicator	Supported, RGB

	Audible Alerts	Supported
Toolhead	Number of Hot Ends	1
	Extruder	Direct Drive Extruder
	Quick-Release Hotend	Supported, Tool-Free Quick Release
	Cutter	Stainless Steel
	Max Hot End Temperature	300°C
	Nozzle Diameter	0.4mm(Included), 0.2/0.6/0.8mm(Optional)
	Hot End Material	Hardened Steel
	Model Cooling Fan	Silent Fan
	Hotend cooling fan	Silent Fan
	Max Hot End Flow	23mm ³ /s (Creality Hyper PLA, 220°C)
Hotbed	Max Print Plate Temperature	100°C
	Hotbed Power	600W@220V / 300W@110V
	Print Plate	Dual-Sided Gold Textured PEI Plate
Software	Slicer	Creality Print 6.2 or later
	Creality Cloud APP	Supported
Wi-Fi	Frequency Range	2.4GHz(2400~2483.5MHz)
	Transmitter Power (EIRP)	≤20dBm
	Protocol	IEEE 802.11b/g/n/ax

SPARKX
Powered by Creality