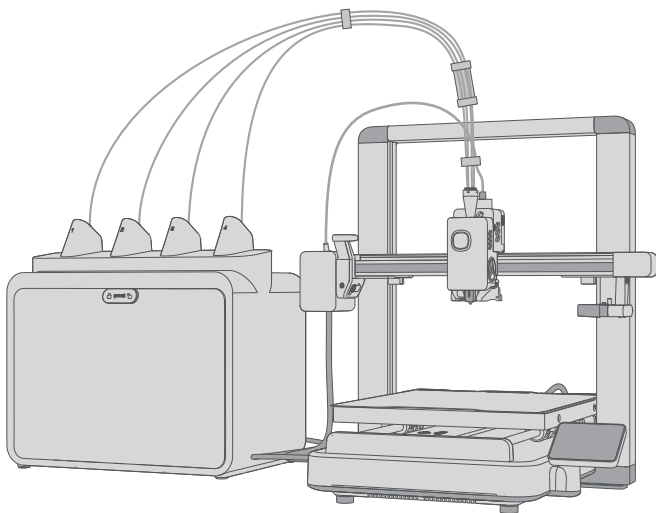


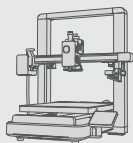
Quick Start Guide

i7 Color Combo



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

1 / Packing List



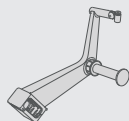
1 i7



2 CFS lite



3 Print plate



4 Spool holder



5 Accessory Box 1



6 Accessory Box 2

* Accessory Box 1 Contents



1 Hex wrench

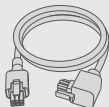


2 Model scraper

* Accessory Box 2 Contents



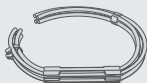
① Power cable



② 6-pin 485 cable



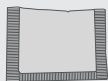
③ Filament sample



④ PTFE tube
(for CFS lite)



⑤ PTFE tube
(for i7 spool holder)



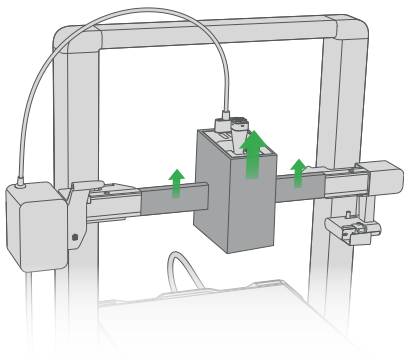
⑥ Desiccant

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

2 / Unlock and Install the Printer

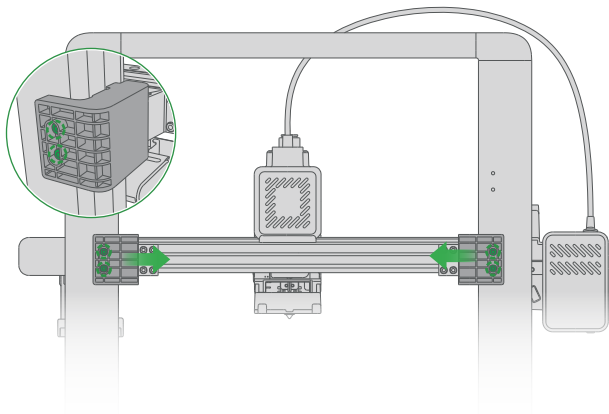
2.1 Remove all external packaging from the printer body

- ① Take off the protective cardboard from the X-axis and toolhead.



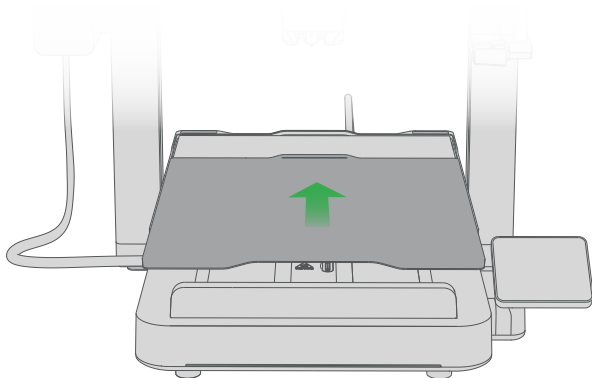
2.2 Unlock the X-Axis

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



2.3 Install the print plate

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

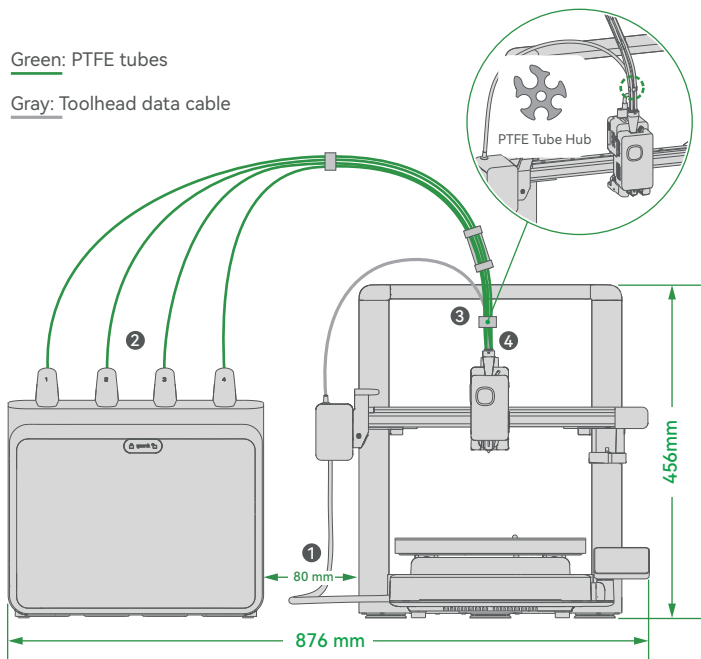


2.4 Connect the Printer and CFS lite

- 1 Place the CFS lite on the left side of the i7. The recommended distance between the CFS lite and i7 is 80 mm, as shown.
- 2 As shown, insert the four PTFE tubes into the four ports of the CFS lite. Please ensure they are fully inserted.
- 3 Clip the Toolhead data cable into the tube hub.
- 4 Insert the other ends of the four PTFE tubes into the Toolhead filament hub.

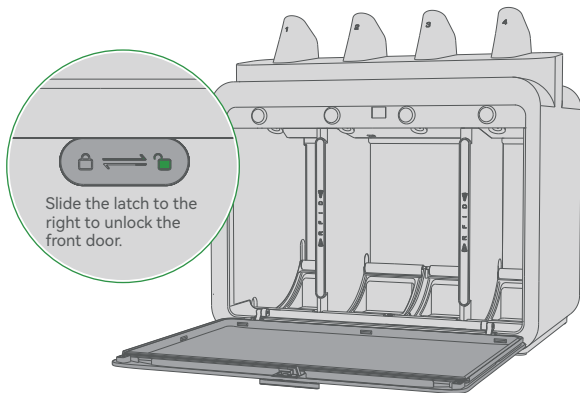
Green: PTFE tubes

Gray: Toolhead data cable

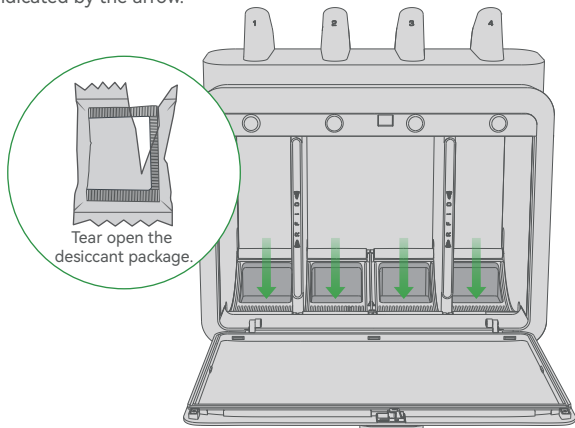


2.5 Place the Desiccant

- 1 Unlock the front door latch and open the front door of the CFS lite forward.

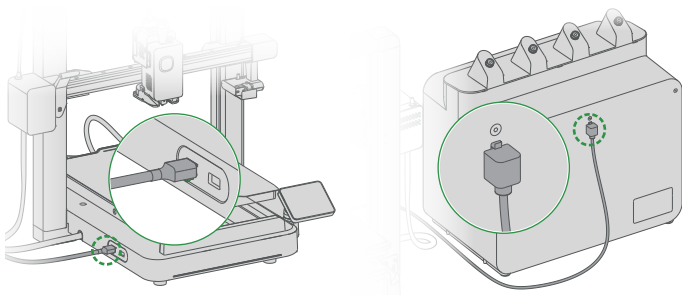


- 2 Tear open the desiccant package and place the desiccant at the position indicated by the arrow.

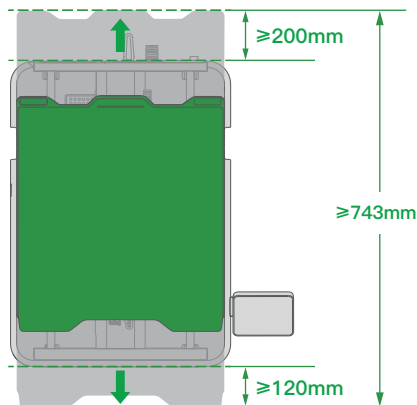


2.6 Power On

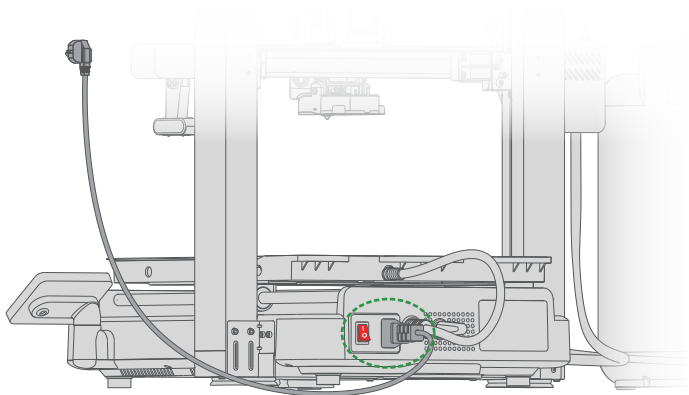
- 1 Use the 6-pin 485 connection cable to connect the i7 and CFS lite.



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

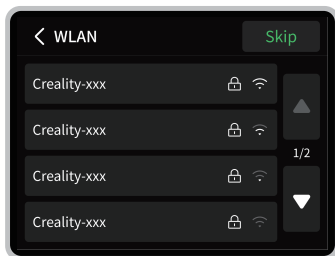


- 3 Plug in the power cable and press the power switch on the back of the machine.

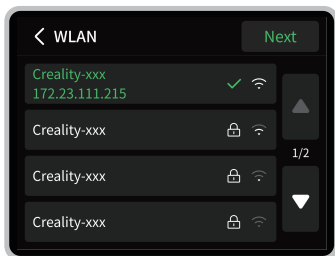


3 / Startup Operation

- 1 Connect to Network

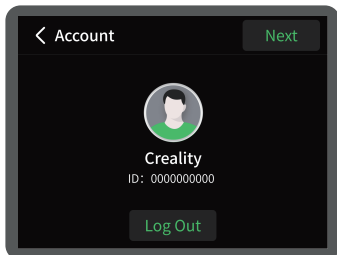
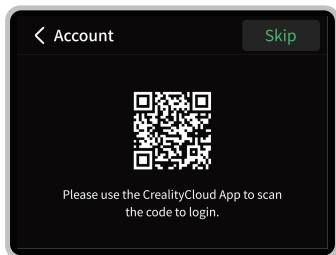


a. Follow the on-screen instructions until you reach this page, then select the network you want to connect to.



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

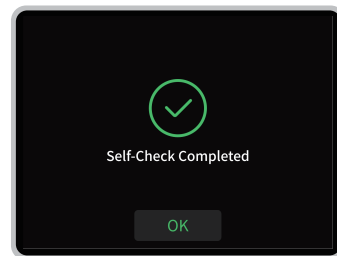
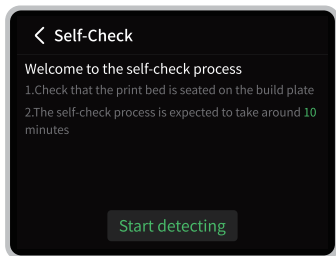
2 Log in to Account



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.

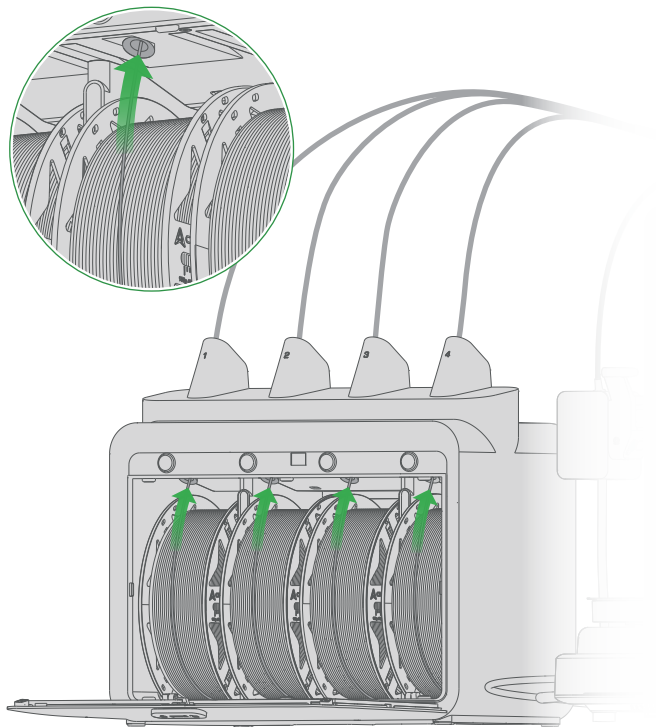


During the self-check, vibration and noise are normal phenomena.

4 / First Print Experience

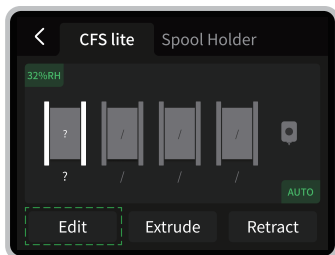
4.1 Printing with CFS lite

- 1 Insert the filament into the CFS lite feed port, and it will automatically load.

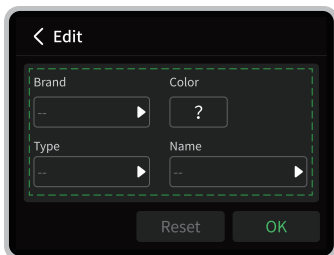


② Go to the Filament page and tap the Edit button to modify filament information.

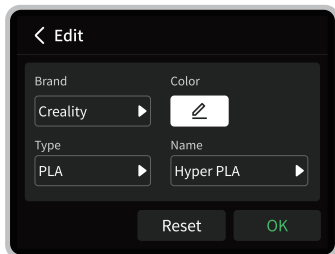
* If using non-RFID filament, you need to set the parameters manually:



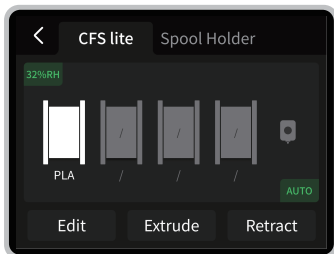
a. When the filament shows a question mark, tap Edit.



b. Set the Brand – Color – Type – Name of the filament.

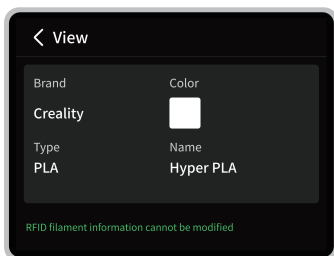
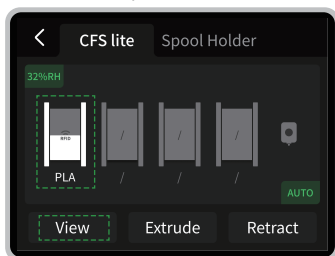


c. After completing the filament information setup, click Confirm.



d. The filament parameters are now set.

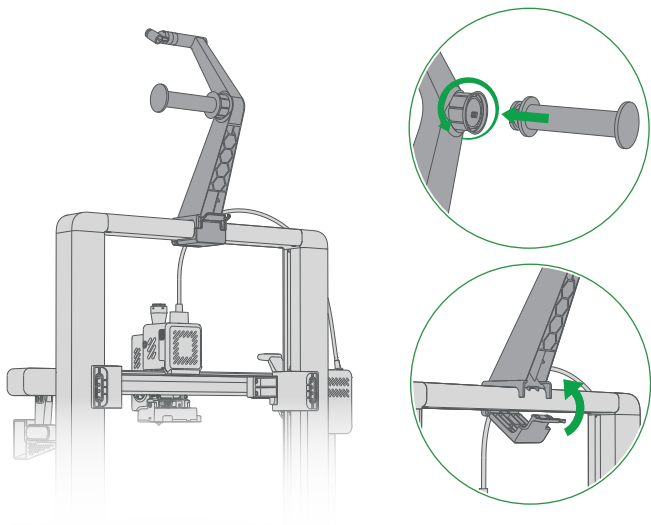
* If using RFID filament, CFS lite will automatically recognize the filament information. Tap View to check filament details:



4.2 Printing with spool holder

4.2.1 Install the spool holder and load the filament

- 1 Assemble the spool holder.

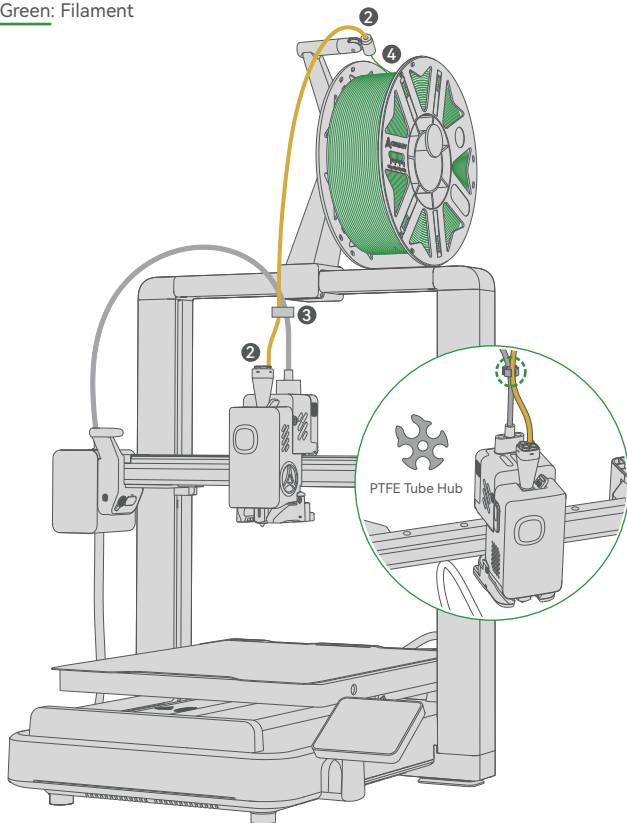


- 2 As shown, connect the PTFE tube between the spool holder and any Toolhead filament hub port.
- 3 Clip the Toolhead data cable and PTFE tube into the PTFE tube hub.
Note: Do not skip this step to avoid damage during use.
- 4 Hang the filament on the spool holder, then insert it into the Toolhead through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

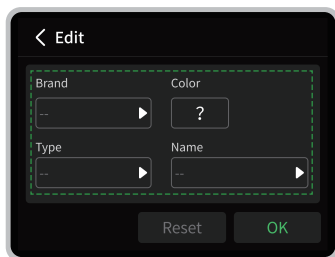
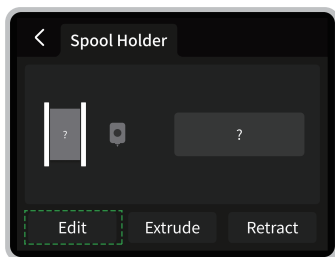
Yellow: PTFE Tube

Gray: Toolhead Data Cable

Green: Filament



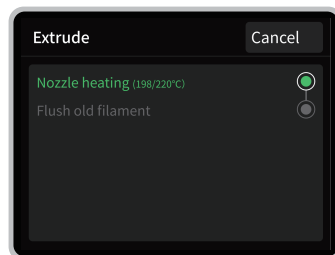
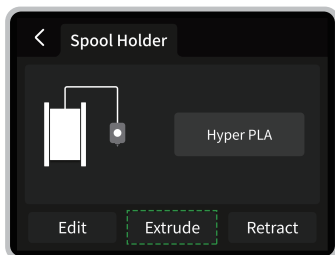
5 Edit spool holder filament information



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

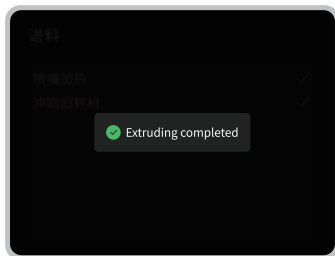
b. Set the Brand – Color – Type – Name, then tap Confirm.

6 Follow the screen instructions to complete filament loading



a. Tap Load.

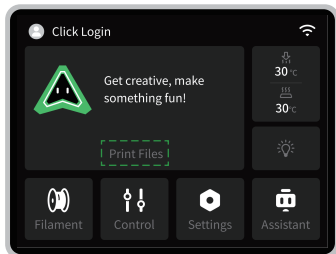
b. Wait until the loading is complete.



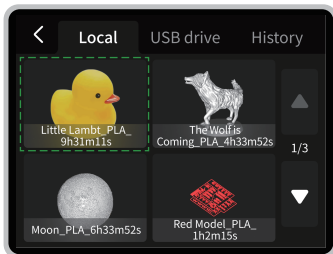
c. Filament loading completed.

4.3 Start Printing

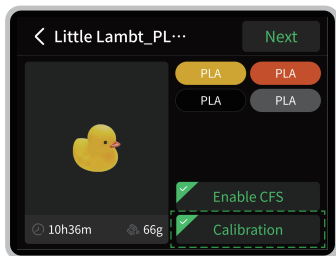
* Before printing, ensure the print plate is placed flat and free of debris.



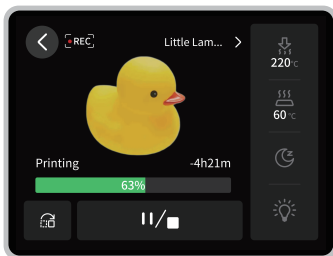
1 On the Home page, tap Print File.



2 Select the model you want to print.



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

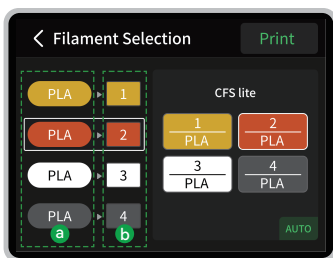
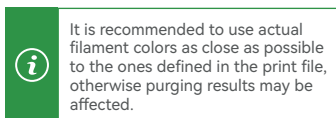


4 Wait patiently for the printing to complete. (After printing, allow the print bed to cool down completely before removing the model.)

4.4 CFS lite Filament Mapping Instructions

For multi-color printing, you need to map the actual filament to the filament set in the print file.

- a Represents the filament set in the print file.
- b Represents the actual filament in use.



5 / Technical Specifications

5.1 i7 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	Creality 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	23mm³/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

5.2 CFS lite specifications

Item		Specification
Basic Information	Model	CFS lite
	Body Material	Plastic
	Rated Power	10W
	Input Voltage	DC 24V
	Physical Dimensions (W×D×H)	362×227×364mm ³
	Net Weight	3.44kg
	Ports	Creality 485 6pin
	Compatible Models	SPARKX i7
Supported Filament	Filament Spool Size	Outer Diameter of 197-202mm Thickness of 42-68mm
	PLA/PLA-Silk/PLA-CF/PETG	Supported
Feature Configuration	Multi-Color Printing	Supported
	Auto Load/Unload	Supported
	Automatic Refill	Supported
	RFID Filament Detection	Supported, Can Identify Creality RFID Filament

