Ender-3 S1 Pro

High-temp Printing for More Possibilities

High-performance 3D Printer

Up to 300℃ Printing
Support PLA, TPU and multi-filaments

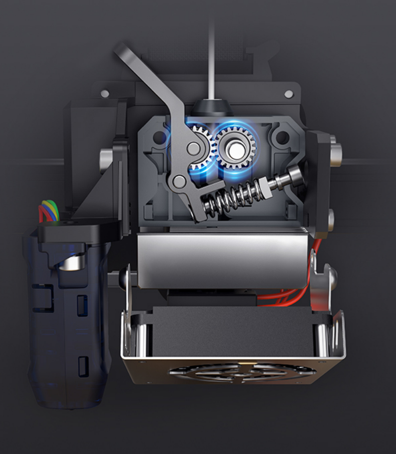
Smooth Feeding
With "Sprite" full-metal dual-gear direct extruder

Auto-leveling
Powered by CR Touch

- 300℃ High-temp Nozzle
- "Sprite" Full-metal Dual-gear Direct Extruder
- CR Touch Automatic Leveling
- Human-centered Design
- LED Light
- Spring Steel PEI Magnetic Build Plate

300℃ High-temp Printing Lighting up Passion for Creation

The brand new nozzle made of brass can stand up to 300℃ printing temperature, and it is compatible with multiple filaments, such as PLA, ABS, PVA, Wood, TPU, PETG, and PA, providing more possibilities for creation.



"Sprite" Full-metal Dual-Gear Direct Extruder, Bid Farewell to Nozzle Jamming

The "Sprite" full-metal dual-gear direct extruder with an extrusion force of 80N ensures smooth feeding when printing with different filaments, especially the flexible TPU.

- 334g only
- up to 80N extrusion force
- full-metal and durable
- unmatched accuracy and precision

Human-centered Design

Integrated structure equipped with a handle for facile platform pulling out under the high-temp condition.

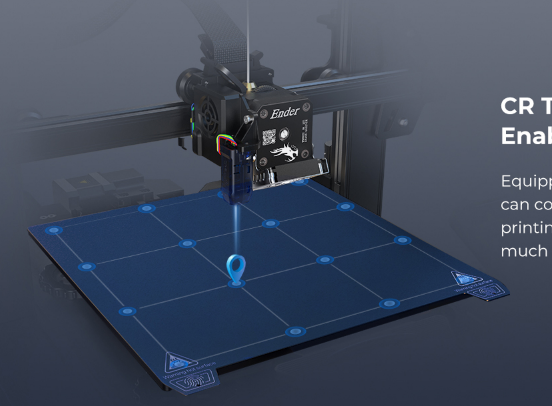
Platform Handle

4.3-inch Touch Screen Click to Control

The 4.3-inch touch screen, supporting 9 languages, offers efficient UI interaction and is easy to use. It will dim out automatically for energy-saving if there is no action for 3 minutes.

LED Light for Clear Observation

The equipped LED light enables comprehensive light fill, with which users can observe the printing details even in a dark environment.

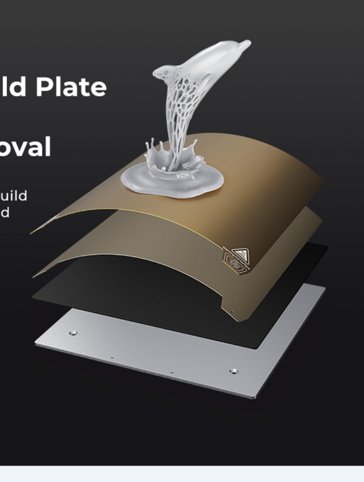


CR Touch Automatic Leveling Enabling Perfect Printing

Equipped with CR Touch, the 16-point automatic leveling can complete quickly with compensation for points' printing height on the heat bed. Good efficiency saves much time.

Spring Steel PEI Magnetic Build Plate Secure Adhesion Effortless Printed Model Removal

Ender-3 S1 Pro has used the spring steel PEI magnetic build plate, which has good adhesion to the printed model and enables fast heating up of the heat bed.
The build plate is not only durable but also flexible.
Once the printing completes, users can remove the printed model effortlessly with just a slight bend.

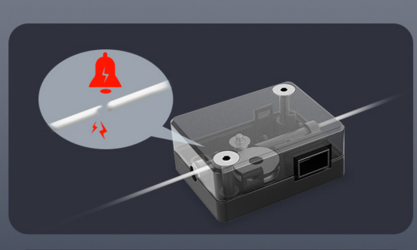


Quick Assembly Easy to Handle

96% of the printer is preinstalled,
enabling the 6-step assembly.
More aesthetic with a streamlined design.

32-bit silent motherboard

Cozy environment with low-level noise exposure.



Filament Sensor

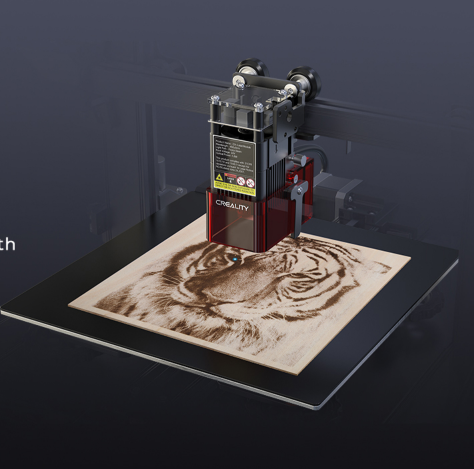
The sensor can conduct automatic detection of the filament's running out so that users can add filaments in time.

Resume Printing

The printer can save the data during the outage and resume the print correctly from where it's left off, reducing the risk of filament wasting due to the printing failure.

Compatible with the Laser engraving, Print Innovatively

Customize favorite images with laser engraving, unlock new printing modes.



Liquid Cooling Heatsink, Effective Heat Dissipation

The brand new liquid cooling heatsink is available for fast cooling down. Good heat dissipation improves the printing quality.

Better Experience With Wi-Fi Box

Connect to Creality Cloud app via the Wi-Fi Box, users can access the model database and realize remote slicing, remote printing as well as monitoring.

Cloud Model Database
model library to fulfill creativity

Remote Slicing and Printing
start the print anytime and anywhere

Remote Monitoring
camera (installable) for progress monitoring

*The laser engraving head, liquid cooling heatsink, Wi-Fi Box and camera can be purchased via website: vip.creality.com.

- Certified by United States' FCC
- Certified by EU's CE
- Certified by UKCA
- Certified by Japanese PSE
- Certified by Australian RCM

Product Parameters

Molding Technolog: **FDM**	Nozzle Temperature: **Up to 300°C**
Build Volume: **220 x 220 x 270 mm**	Heat Bed Temperature: **Up to 110°C**
Machine Dimension: **490 x 455 x 625 mm**	Leveling Mode: **CR Touch Automatic Leveling**
Package Dimension: **510 x 510 x 280 mm**	Display: **4.3-inch color touch screen**
Net Weight: **8.7 kg**	Motherboard: **32-bit silent motherboard**
Gross Weight: **11.1 kg**	Resume Printing: **Yes**
Printing Speed: **Maximum 150 mm/s**	Filament Sensor: **Yes**
Printing Precision: **±0.1 mm**	Rated Voltage: **100-120V, 220-240V, 50/60 Hz**
Layer Height: **0.05-0.4mm**	Rated Power: **350W/24V**
Filament Diameter: **1.75 mm**	Data Transmission Method: **Type-C USB/ SD card**
Nozzle Quantity: **1**	3D File Format: **.stl/.obj / .gcode (after slicing)**
Nozzle Diameter: **0.4 mm**	Extrusion Force: **80N**
Extruder: **"Sprite" full-metal dual-gear direct extruder with 1:3.5 gearing**	
Slicing Software: **Creality Slicer/Cura/Repetier-Host/Simplify3D**	
Build Surface: **Spring steel PEI magnetic build plate**	
Supported Filament: **PLA、ABS、WOOD、TPU、PETG、PA**	
Supported Language: **Chinese, English, German, Spanish, French, Italian, Portuguese, Russian, and Turkish**	