

Ender-3 S1 Pro

High-temp Printing for More Possibilities

High-performance 3D Printer



Up to 300°C Printing

Support PLA, TPU and multi-filaments.



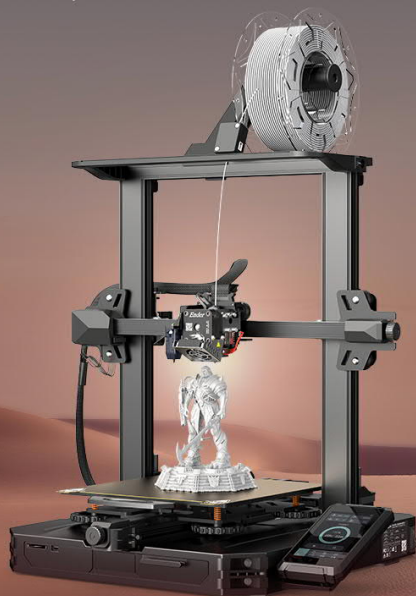
Smooth Feeding

With "Sprite" full-metal dual-gear direct extruder.



Auto-leveling

Powered by CR Touch.



300°C 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



4.3-Inch
Touch Screen



Quick Assembly



Creation Potential

High-temp Printing Concretizing Creativity

300°C High-temp Printing Lighting up Passion for Creation

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



ABS



PETG



PA



PLA



TPU

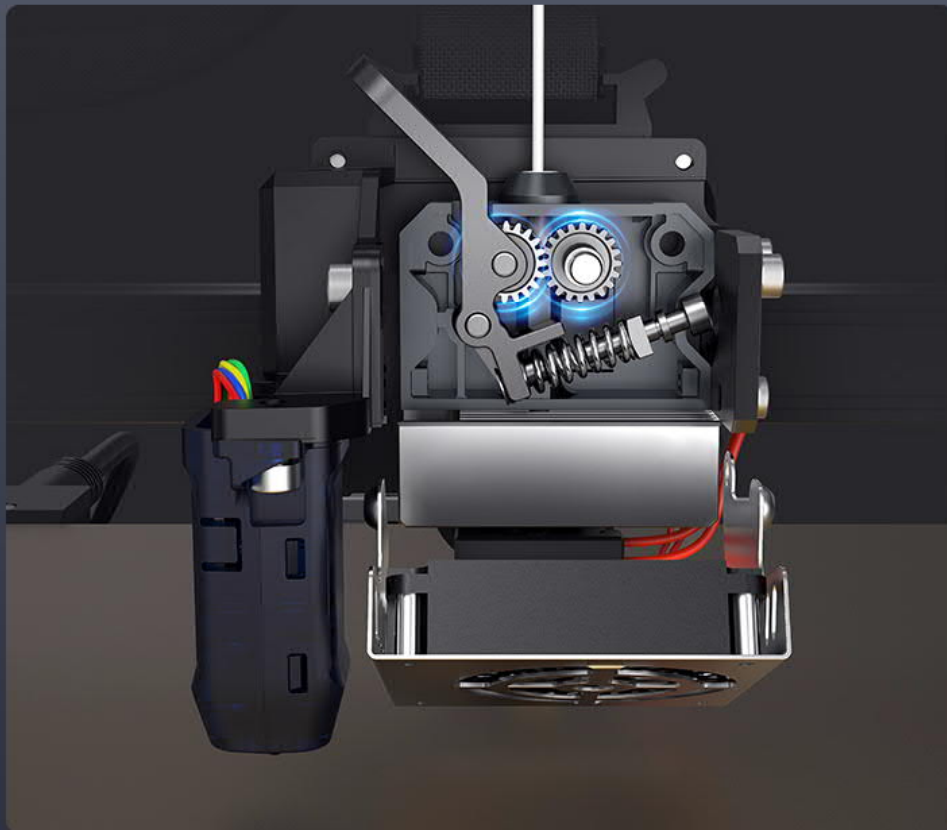


WOOD



"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.



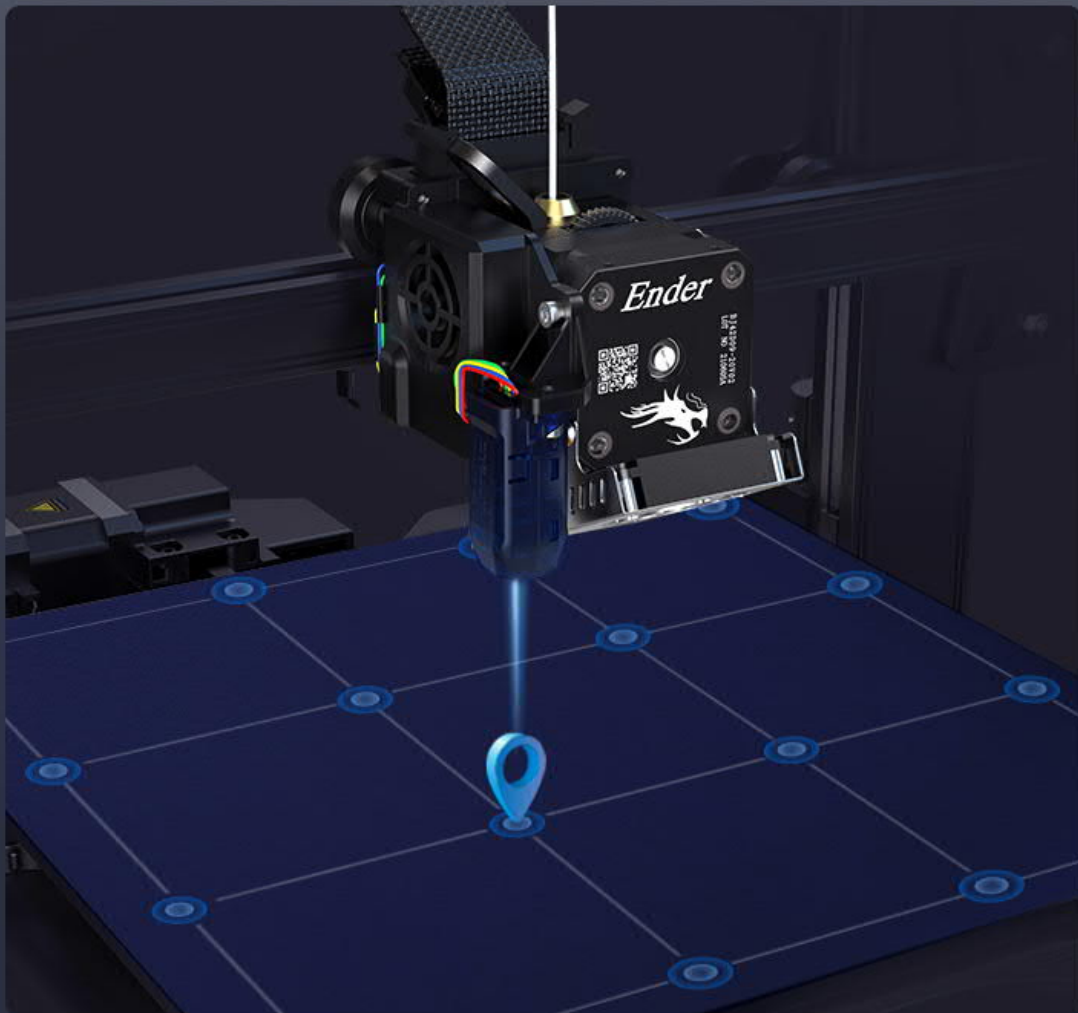
LED Light for Clear Observation

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.

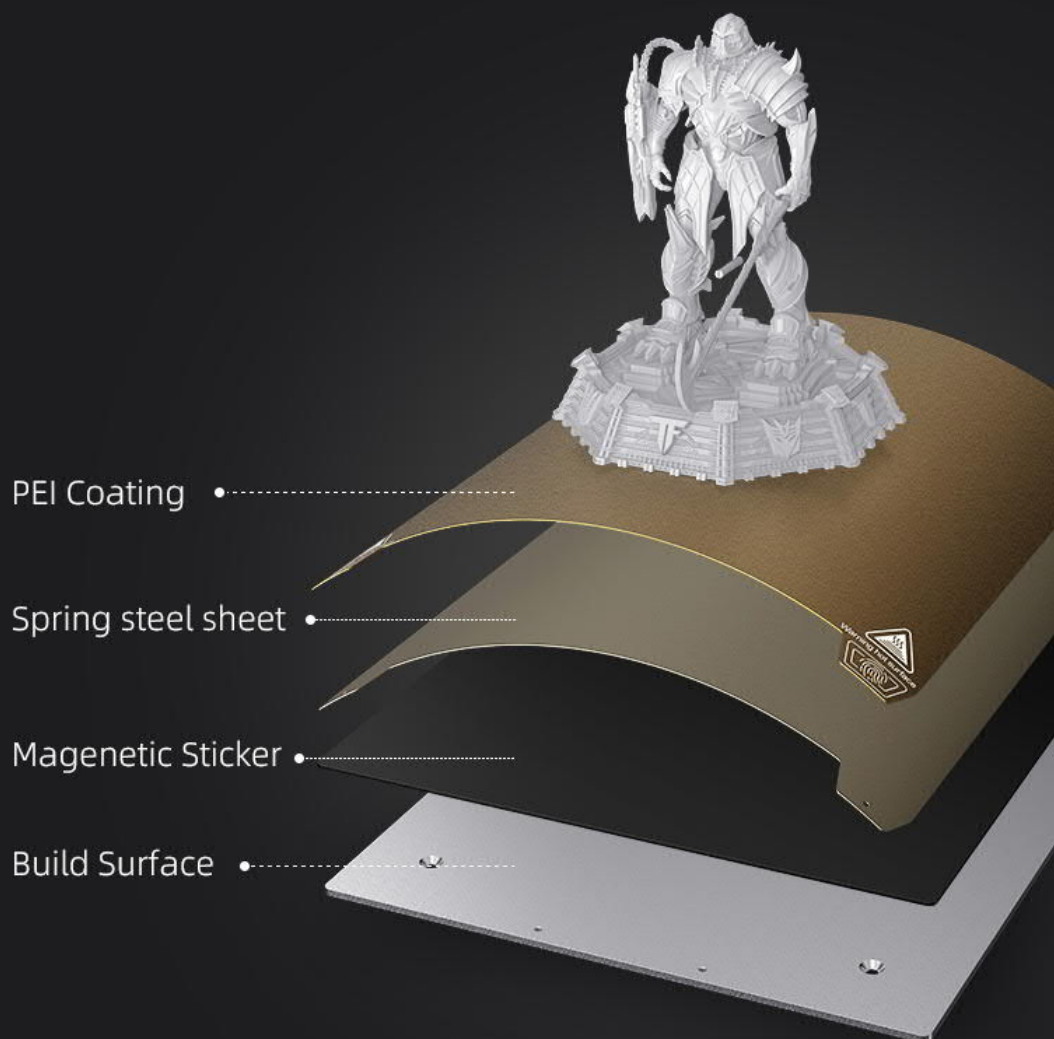


Spring Steel PEI Magnetic Build Plate

Secure Adhesion

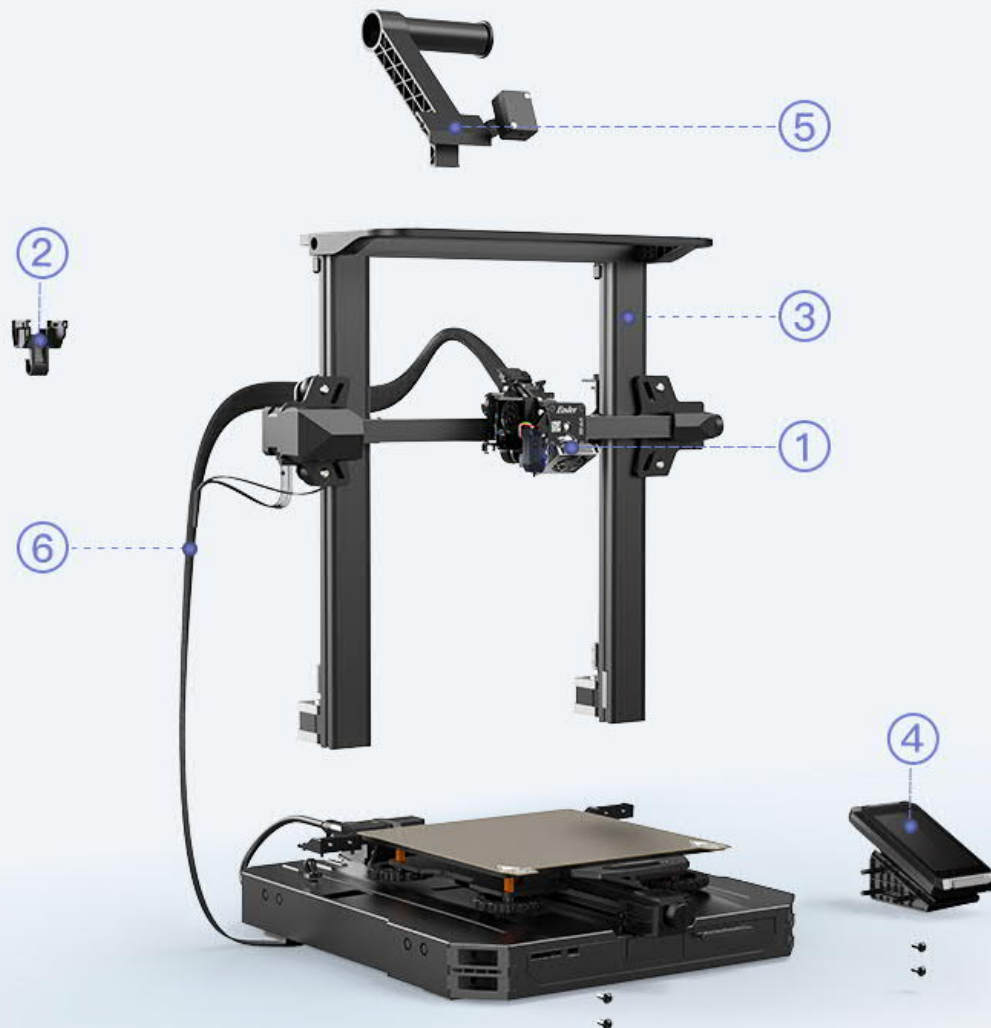
Effortless Printed Model Removal

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.



International Certification, Quality Assurance

Ender-3 S1 Pro has been certified by international testing organizations and has received safety certification from multiple countries, such as the United States, Australia, China, European Union, Japan, and United Kingdom. Good quality, safe to own.



Certified by
United States' FCC



Certified by
Australian RCM



Certified by
EU's CE



Certified by
Japanese PSE



Certified by
UKCA

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.

Product Parameters

| | |
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| Molding Technology: 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 305 mm | Display: 4.3-inch color touch screen |
| Net Weight: 8.6 kg | Motherboard: 32-bit silent motherboard |
| Gross Weight: 10.7 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 | |