

CREALITY



Ender 3 S1 Direct Drive 3D Printer

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SKU: 3DWSSUS9DQ866

Price: 5,990.00 DH

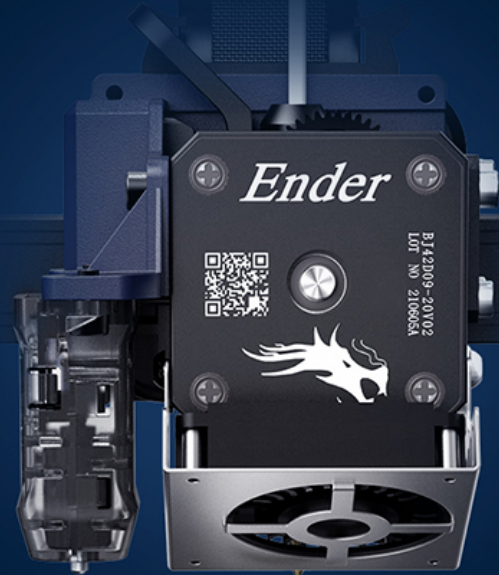
Stock: outofstock

Categories: [FDM](#), [3D Printers](#)

Tags: [3d](#), [3dprinter](#), [fdm](#), [print](#)

Product Description

"Sprite" Dual-gear Direct Extruder A Good Solution to the Nozzle Jam



"Sprite" dual-gear direct extruder with good extrusion force effectively solve the problem of nozzle jam, largely reducing the risk of filament wasting and ensuring good quality printing. Compatible with diverse filaments, more creative ideas can be realized.



Strong Extrusion



Weight Only 210g



High Filament Compatibility
Capable to Print TPU
(Flexible Filament)

Sprite Direct Dual-Gear Extruder: The "Sprite" is lighter and features less inertia and more precise positioning, supports PLA/TPU/PETG/ABS print filaments. **Auto Leveling with Creality CR Touch PC magnetic build plate:** Combina with the advantage of PC Spring Steel and Magnetic Sticker for the better bed adhesion and good experience for model released. **Z-axis Dual-screw+Z-axis Dual-motor Design:** Compares to Ender-3, Ender-3V2, Ender-3Max, Ender 3S1 has upgraded to the Dual Z-axis design adds stability to the X-axis gantry to improve printing quality and reduce the wear on the mechanical components **Ender-3 vs Ender-3V2 vs Ender-3 S1 Parameter Info:**

Ender-3, Ender-3 V2, Ender-3 S1 Parameter

| | Ender-3 | Ender-3 V2 | Ender-3S1 |
|---------------------------|------------------|---------------------------|------------------------------|
| Printing Size | 220*220*250mm | 220*220*250mm | * 220*220* 270 mm |
| Machine Size | 440*410*465mm | 475*470*620mm | 487*453*622mm |
| Extruder | Bowden | Bowden | * Sprite Direct Extruder |
| Printing Precision | ±0.1mm | ±0.1mm | ±0.1mm |
| Leveling Way | Manual | Manual | * CR Touch Leveling |
| Power Supply | - | Meanwell | - |
| Screen | LCD | 4.3 inch HD color screen | 4.3 inch HD color screen |
| Build Plate | Platform Sticker | Carborundum Glass | PC Spring Steel Sheet |
| Connectivity | SD Card | Online or SD card offline | Type-C USB/SD Card |
| Out Of Boxing | 50%(30-60Mins) | 50%(30-60Mins) | 96% (Easy Operation) |
| Z-axis Screw | Single | Single | Double Screw |
| Original Board | 4.2.2 (32 Bit) | 4.2.2 (32 Bit) | V2.4 (32 Bit) |
| Filament Sensor | × | × | ✓ |

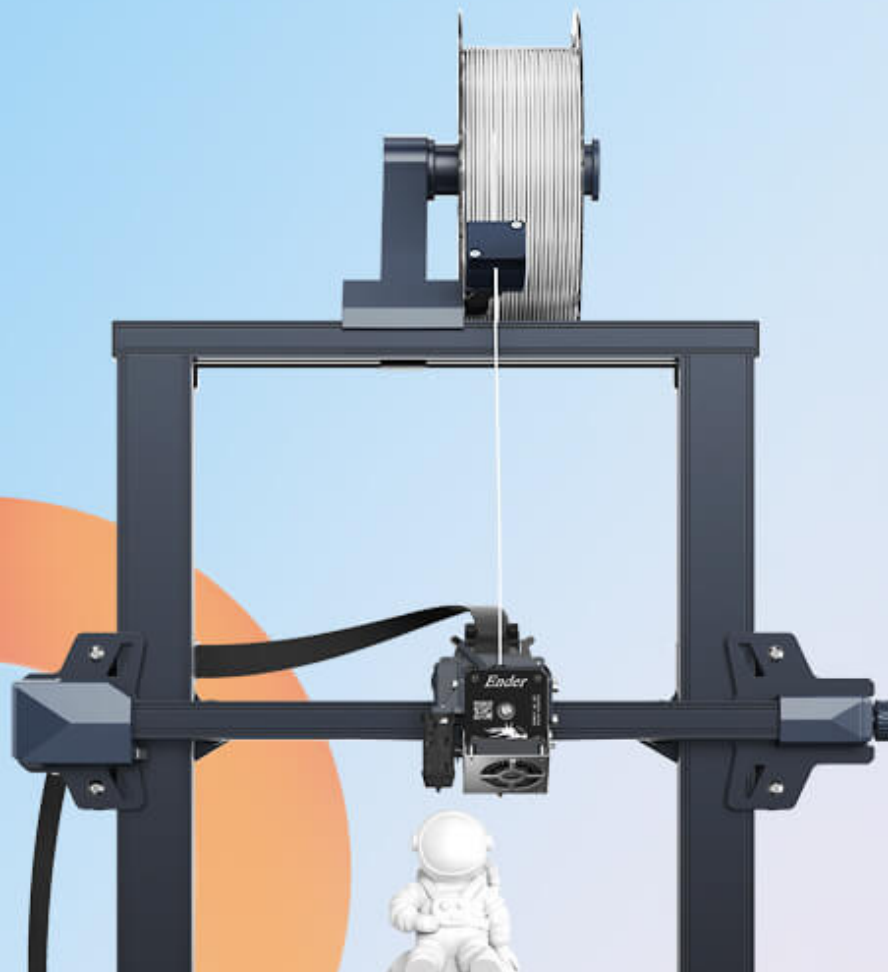
Ender-3 S1

“Sprite”, Bringing Your Ideas to Life

“Sprite” Direct
Dual-gear Extruder

CR Touch Automatic
Bed Leveling

High-precision
Dual Z-axis



Enhanced Strength More Reliability



“Sprite” Direct Dual-Gear Extruder

Compatible with
various filaments



CR Touch Automatic Bed Leveling

Easier leveling



32-bit Silent Mainboard

Silent printing



Z-axis Dual-Screw

Safe and stable



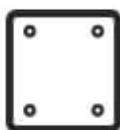
Supporting a Variety of Filaments

PLA/TPU/PETG/ABS



Quick Assembling

96% pre-installed



PC Spring Steel Print Sheet



4.3-inch LCD Screen



Practical Preset Interface

“Sprite” Direct Dual-gear Extruder Compatible with Various Flexible Filaments

Our brand-new self-developed “Sprite” direct dual-gear extruder features two chrome steel gears that are engaged at a 1:3.5 gear ratio. With a pushing force of up to 80N^①, the extruder realizes smooth feeding and discharging of filaments without slipping and works extremely well in printing flexible filaments such as TPU. Compared with other direct extruders, the “Sprite” is lighter and features less inertia and more precise positioning.



Dual metal gears for feeding with pushing force of up to 80N



Lightweight
Only 210g^②





Direct extrusion
supporting
flexible filaments

200% weight



High-precision Dual Z-Axis Higher Printing Precision

With a Z-axis dual-screw+Z-axis dual-motor design, Ender-3 S1 works smoother and more synchronously to lower the possibility of lines and ridges on the sides of your print, thus improving the printing quality.

-  Design of Z-axis dual-screw
-  Synchronized coordination



Removable PC Spring Steel Print Sheet Easy to Remove Printed Models

The innovative printing platform is a combination of a PC coating, a spring steel sheet and a magnetic sticker, which sticks to the surface immediately when released.

The PC coating brings good adhesion and printed models can easily be removed by bending the print sheet.



Good adhesion
and easy to
remove printed
models



Remove models
by bending the
print sheet



PC coating

Spring
steel sheet

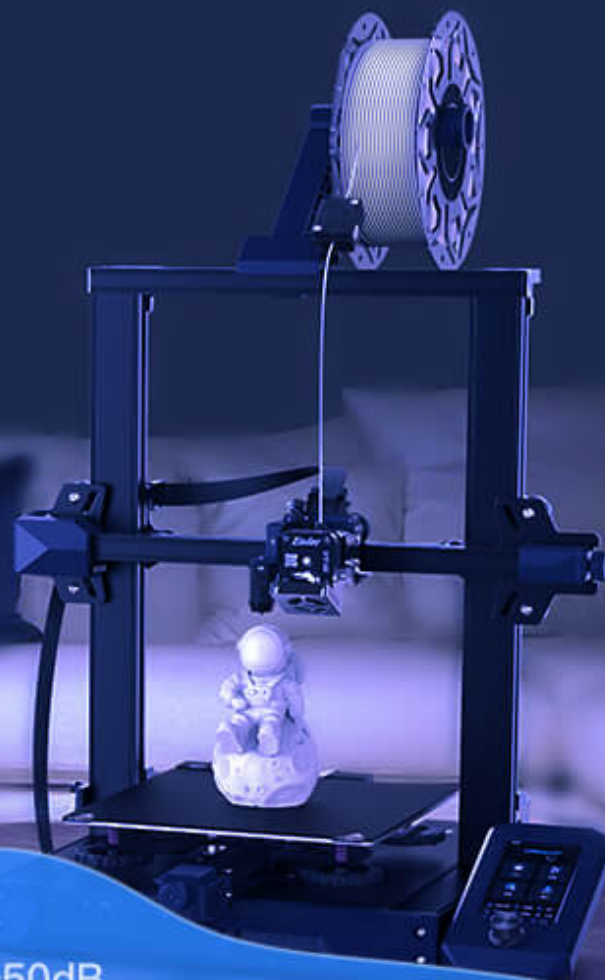
Magnetic
sticker

Low-noise Operating Allows You to Enjoy Printing

The brand-new 32-bit silent mainboard runs at low decibel levels, greatly reducing noise to let you enjoy your printing.

32-bit
Silent mainboard

≤50dB
Noise level



50~60dB
Talking inside

40~50dB
Pattering of raindrops

30~40dB
Quiet library

The Screen Allows you to Operate at Ease

The 4.3-inch knob LCD screen features a brand-new UI interface to facilitate simple interaction that allows you to experience operation by knob. It automatically dims out when inactive for 5 minutes, saving energy and protecting the environment.

Brand-new
UI interface

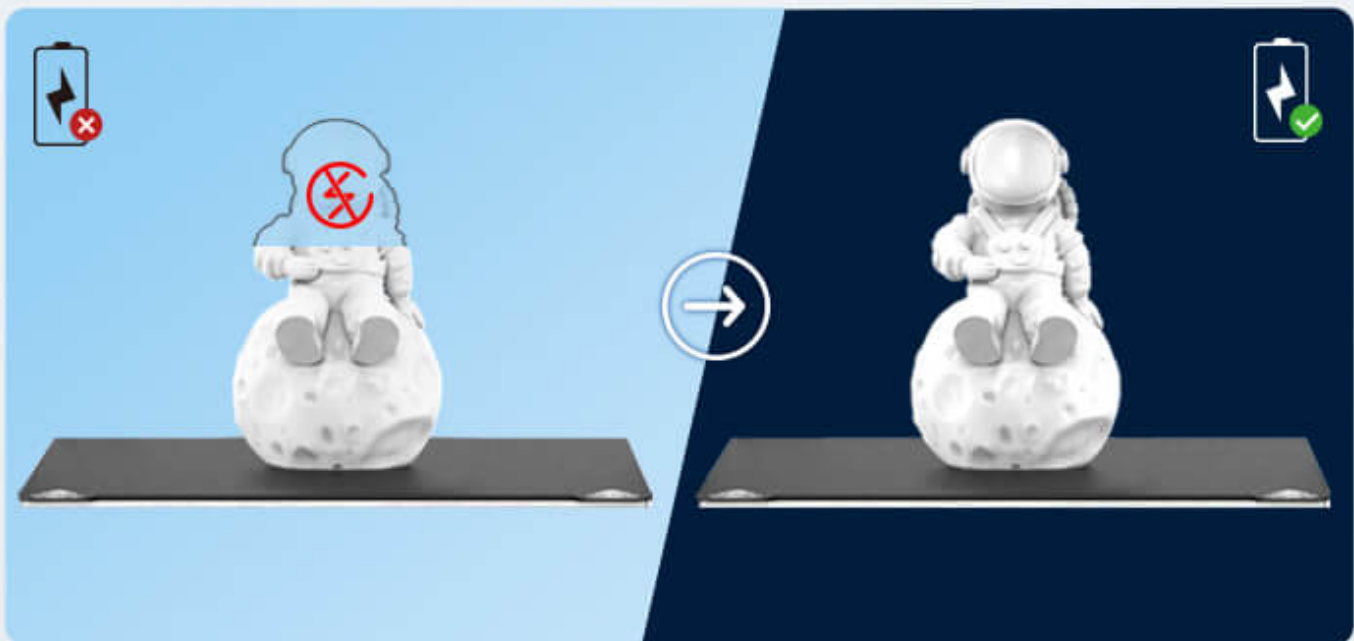
Automatic
screen dimming



Double Protection No Fear of Risks

Ender-3 S1 features the function of detecting filament runout or breakage/power loss and resume printing after recovery. By accurately recording the printing data at the time of power outage/filament runout or breakage, it helps to avoid the waste of filaments and time caused by accidents.

Resume printing

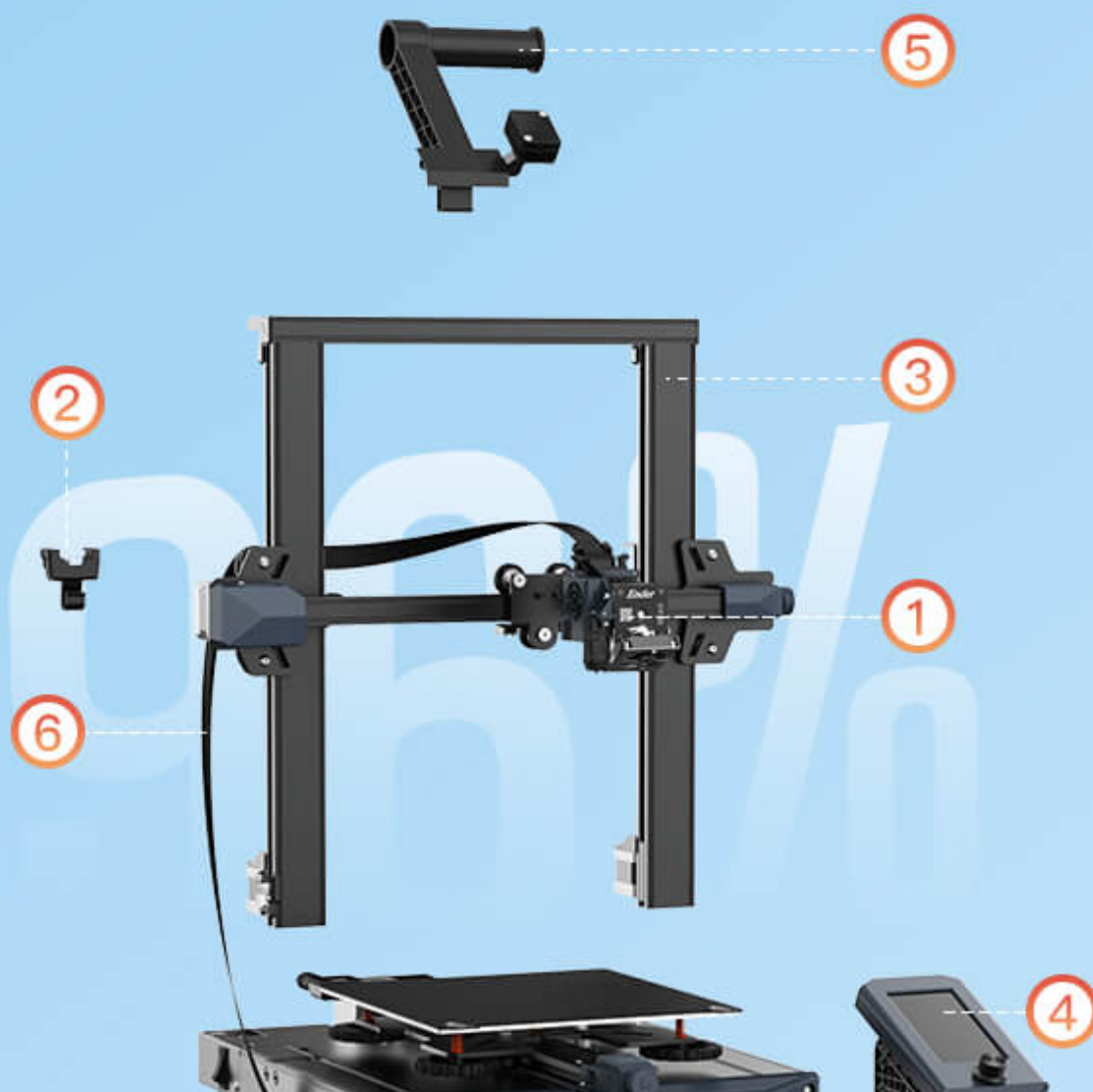


Filament Sensor



Simple 6-Step Assembling

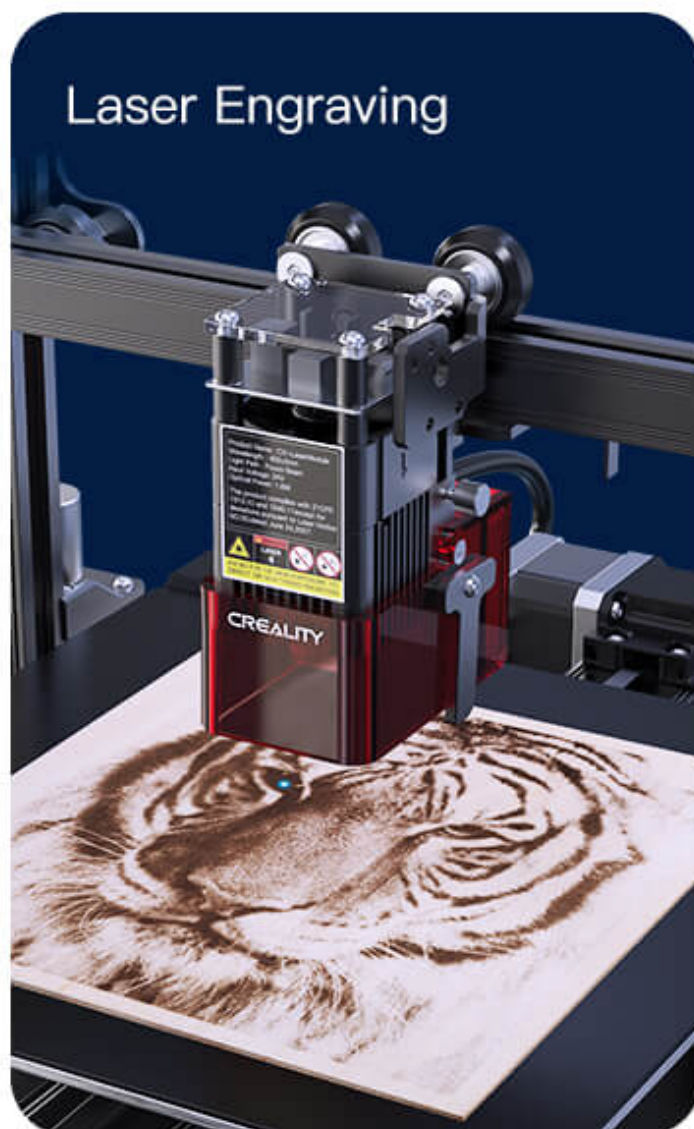
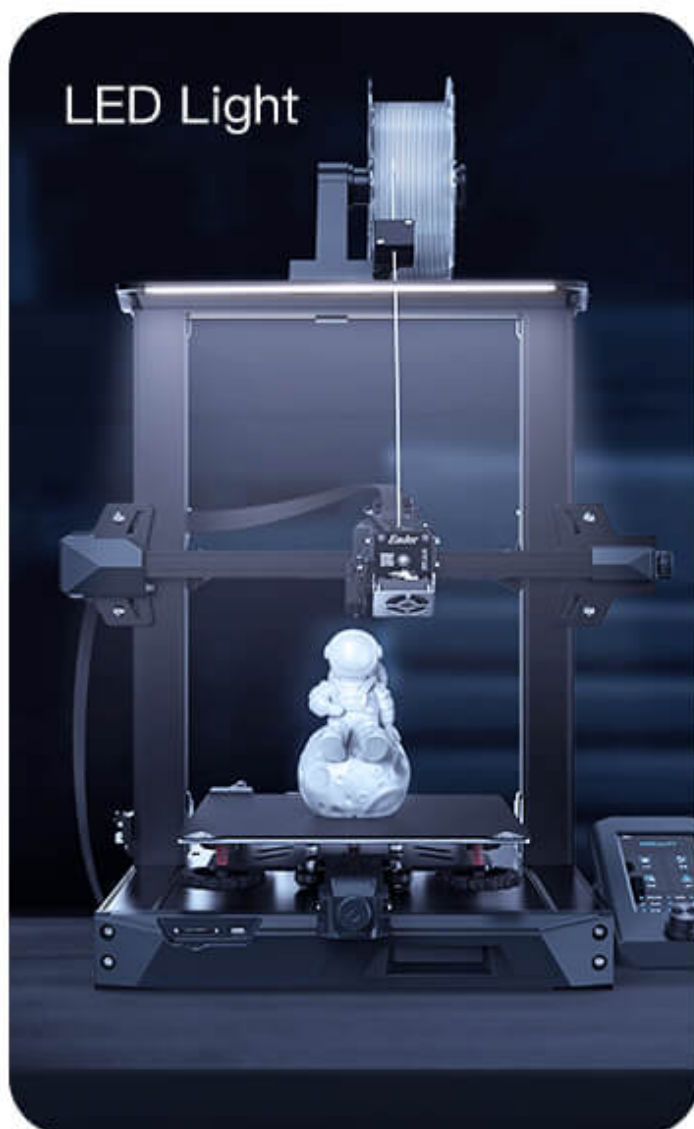
96% of the printer body is pre-installed, making assembling extremely convenient with only 6 steps and the maintenance of the printer is simple and easy.



More Details Optimized for a Better User Experience

Creative Potential

With preset interfaces for laser engraving and LED light Ender-3 S1 brings you more possibilities.



International Certification Quality Assurance

Ender-3 S1 has passed certification from professional testing organizations, and was awarded many countries' safety certificates such as CE, FCC, UKCA, PSE, RCM and so on. Good quality let you rest assured.



Certified by
UKCA



Certified by United
States' FCC



Certified by
EU's CE



Certified by
Japanese PSE



Certified by
Australian RCM

Product Parameters

Modeling technology
FDM

Printer size
487*453*622mm

Build size
220*220*270mm

Package size
540*510*260mm

Supported filament
PLA/TPU/PETG/ABS

Printing layer thickness
0.05–0.35mm

Printing speed
150mm/s at the maximum

Nozzle diameter
0.4mm

Printing precision
±0.1mm

Maximum nozzle temperature
260°C

Number of nozzles
1

Maximum heatedbed temperature
100°C

Filament diameter
1.75mm

Package gross weight
11.2kg

Machine net weight
9.1kg

Extruder gear ratio
1:3.5

Type of extruder
“Sprite” Direct Extruder

Printing platform
PC Spring steel sheet

Automatic bed leveling

Mainboard