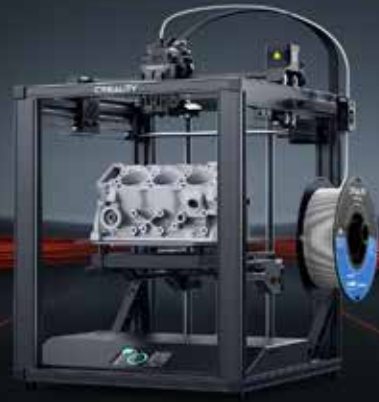


# Ender-5 S1

Geared Up for Sizzling Speed



## 250mm/s Printing Speed

42-48 high-torque motor and steel transmission shaft at Y-axis. 2000mm/s<sup>2</sup> acceleration.

## Highly Stable Cube Frame

Cube frame with Cartesian structure. Enhanced by gussets, cantilevers and silicone bed mounts. 100% success rate for 1,000h printing at 250mm/s.

## Smooth Direct Extrusion at 300°C

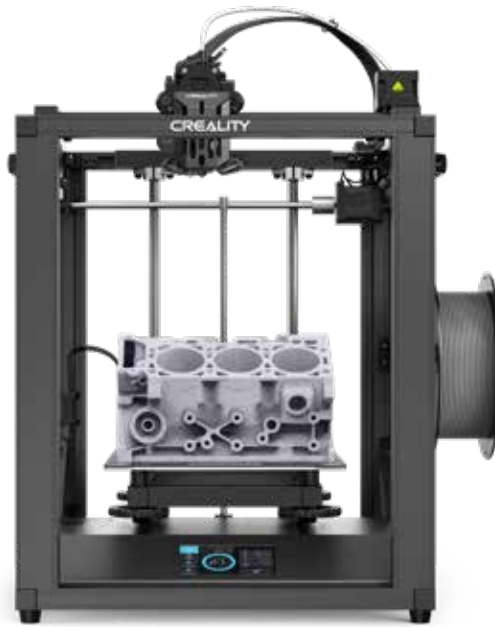
"Sprite" direct extruder, bi-metal heatbreak and efficient heat dissipation. 1,000h of clog-free extrusion.

## CR Touch Auto-leveling

Level it easily and precisely by CR Touch 25-point auto-leveling.

## Improved Touch Screen UI

4.3" touch screen with a tabbed user interface. A PID temperature control page is also added.



## Printing in Multiple Ways

Print from Memory card directly, from PC via USB-C cable, or from Creality Cloud with an optional WiFi Box.

## Electrical Safety and Reliability

Secure aviation connector, encased 350W power adapter, and sheathed wires.

## User-friendly Designs

Quick-assembly modular design, convenient handles, and V-wheel dust covers.

## Transparent Acrylic Enclosure (Optional)

Provide constant ambient temperature for better printing with ABS, PA, PC, ASA, and HIPS.

|                            |  |                               |                       |                               |  |
|----------------------------|--|-------------------------------|-----------------------|-------------------------------|--|
| <b>Printing Technology</b> | FDM                                      | <b>Max. Printing Speed</b>    | ≤250mm/s              | <b>Power Loss Recovery</b>    | Yes  |
| <b>Build Volume</b>        | 220*220*280mm                            | <b>Typical Printing Speed</b> | ≤120mm/s              | <b>Filament Runout Sensor</b> | Yes  |
| <b>Product Dimensions</b>  | 425*460*570mm                            | <b>Acceleration</b>           | 2000mm/s <sup>2</sup> | <b>Rated Voltage</b>          | 100-120V~, 200-240V~,50/60Hz   |
| <b>Package Dimensions</b>  | 528*474*340mm                            | <b>Nozzle Type</b>            | Brass nozzle x1       | <b>Rated Power</b>            | 350W   |
| <b>Net Weight</b>          | 12.1kg                                   | <b>Nozzle Diameter</b>        | Standard 0.4mm        | <b>File Transfer</b>          | Memory card, USB Type-C cable  |
| <b>Gross Weight</b>        | 14.7kg                                   | <b>Printing Accuracy</b>      | ±0.1mm                | <b>File Formats</b>           | STL, OBJ, AMF  |
| <b>Extruder Type</b>       | "Sprite" dual-gear direct drive extruder | <b>Layer Height</b>           | 0.1-0.35mm            | <b>Supported Filaments</b>    | PLA, PETG, ABS, TPU, PC, ASA, HIPS   |
| <b>Extruder Material</b>   | All metal                                | <b>Filament Diameter</b>      | 1.75mm                | <b>Slicing Software</b>       | Creality Slicer, Creality Print, Cura, Repetier-Host, Simplify3D                 |
| <b>Leveling Mode</b>       | CR Touch auto-leveling                   | <b>Nozzle Temperature</b>     | ≤300°C                |                               |  |
| <b>Mainboard</b>           | 32-bit silent mainboard                  | <b>Heatbed Temperature</b>    | ≤110°C                | <b>UI Languages</b>           | English, Spanish, German, French, Russian, Portuguese, Italian, Turkish, Chinese |
| <b>Display Screen</b>      | 4.3 inch color touch screen              | <b>Build Surface</b>          | PC spring steel sheet |                               |  |

