














Ender-5 S1

Geared Up for Sizzling Speed



-  Stable Cube Frame
-  Direct Extrusion for 300°C Printing
-  250mm/s Printing Speed
-  CR Touch Auto-leveling

Product Advantages

-  **Highly Stable Cube Frame**
Cube frame with Cartesian structure. Enhanced by thick linear shafts, gussets, cantilevers and silicone bed mounts.
-  **Smooth Direct Extrusion at 300°C**
"Sprite" direct extruder, bi-metal heatbreak and efficient heat dissipation. 1,000 hours of clog-free extrusion.
-  **250mm/s Printing Speed**
42-48 high-torque motor and steel transmission shaft at Y-axis. 2000mm/s² acceleration.
-  **CR Touch Auto-leveling**
Level it easily and precisely by CR Touch 16-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 SD card directly, from PC via USB-C cable, or from Creality Cloud with an optional WiFi Box.
-  **Electrical Safety and Reliability**
Encased 350W power adapter, secure aviation connector 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.

Parameters

Printing Technology	FDM	Max. Printing Speed	≤250mm/s	Power Loss Recovery	Yes
Build Volume	220*220*280mm	Typical Printing Speed	≤120mm/s	Filament Runout Sensor	Yes
Product Dimensions	425*460*570mm	Acceleration	2000mm/s ²	Rated Voltage	100-120V~, 200-240V~, 50/60Hz
Package Dimensions	528*474*340mm	Nozzle Type	Brass nozzle x1	Rated Power	350W
Net Weight	12.2kg	Nozzle Diameter	Standard 0.4mm	File Transfer	SD card, USB Type-C cable
Gross Weight	14.7kg	Printing Accuracy	±0.1mm	File Formats	STL, OBJ, AMF
Extruder Type	"Sprite" dual-gear direct drive extruder	Layer Height	0.05-0.35mm	Supported Filaments	PLA, PETG, ABS, TPU, PC, ASA, HIPS
Extruder Material	All metal	Filament Diameter	1.75mm	Slicing Software	Creality Slicer, Creality Print, Cura, Repetier-Host, Simplify3D
Leveling Mode	CR Touch auto-leveling	Nozzle Temperature	≤300°C	UI Languages	English, Spanish, German, French, Russian, Portuguese, Italian, Turkish, Chinese
Mainboard	32-bit silent mainboard	Heatbed Temperature	≤110°C		
Display Screen	4.3 inch color touch screen	Build Surface	PC spring steel sheet		

