CREALITY

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/s² 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℃

"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.

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/s²	**Rated Voltage**	100-120V~, 200-240V~,50/60Hz
Package Dimensions	528*474*340mm	**Nozzle Type**	Brass nozzle x1	**Rated Power**	350W
Net Weight	12.1kg	**Nozzle Diameter**	Standard 0.4mm	**File Transfer**	Memory 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		
Mainboard	32-bit silent mainboard	**Heatbed Temperature**	≤110°C	**UI Languages**	English, Spanish, German, French, Russian,Portuguese, Italian, Turkish, Chinese
Display Screen	4.3 inch color touch screen	**Build Surface**	PC spring steel sheet		

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