CREALITY

K1C

Champion of Speed and Skills

Robust Extruder with Quick-swap Nozzle

Supporting Carbon Fiber Filaments

600mm/s Max Printing Speed

Observant AI Camera

Filament Dryer Optional

Clog-free Extruder, Enhanced Reliability

Enhanced with a bolster spring and a ball plunger.
It forms a strong grip that won't slacken off.

Tri-metal "Unicorn" Nozzle, Quick to Swap

Steel-tipped copper nozzle integrated with
a titanium alloy heatbreak.
It is free of clogs and can be swapped quickly.

Carbon Fiber Reinforced Filaments Well Supported

Enclosed chamber, 300°C hotend,
and hardened steel nozzle tip. K1C prints well
with high-temp, wear-resistant PA-CF, ASA, etc.

CoreXY, Proven to Be Super Fast

Max. 600mm/s speed and 20000mm/s² acceleration.
It lifts up printing efficiency significantly.

Auto Calibration for Hands-free Leveling

Just give a single tap, and the auto-calibration gets leveling
and everything ready for you with smart sensors.

Observant AI Camera

It recognizes spaghetti failure and foreign matter,
and enables real-time monitoring and time-lapse filming.

Dynamic Balancing for Reduced Vibration

The weight of printhead fans is dynamically balanced.
So they are less likely to wobble, minimizing ringing or ghosting.

Air Filter & Silent Mode

The air filter purifies compounds and particles arising from molten filaments.
The silent mode brings the noise down to 45dB.

Creality OS & Superb Software Ecosystem

Creality OS offers advanced functions and is open-source.
It allows control and monitoring from Creality Print and Creality Cloud.

Printing Technology	FDM	File Transfer	USB drive, WiFi
Build Volume	220*220*250mm	Display Screen	4.3" color touch screen
Product Dimensions	355*355*482mm	AI Camera	Yes
Package Dimensions	441*441*578mm	Power Loss Recovery	Yes
Net Weight	12.4kg	Filament Runout Sensor	Yes
Gross Weight	16kg	Input Shaping	Yes
Printing Speed	≤600mm/s (Test with Hyper PLA)	Lighting Kit	Yes
Acceleration	≤20000mm/s²	Sleep Mode	Yes
Printing Accuracy	100±0.1mm	Rated Voltage	100-120V~, 200-240V~, 50/60Hz
Layer Height	0.1-0.35mm	Rated Power	350W
Extruder	Dual-gear direct drive extruder	Supported Filaments	ABS, PLA, PETG, PET, TPU, PA, ASA, PC, PLA-CF, PA-CF, PET-CF
Filament Diameter	1.75mm	Printable File Format	G-Code
Nozzle Diameter	0.4mm (compatible with 0.6/0.8mm nozzle)	Slicing Software	Creality Print, Cura 5.0 and later version
Nozzle Temperature	≤300°C	File Formats for Slicing	STL, OBJ, 3MF
Heatbed Temperature	≤100°C	Leveling Mode	Hands-free auto leveling
Build Surface	PEI flexible build plate	UI Languages	English, Spanish, German, French, Russian, Portuguese, Italian, Turkish, Japanese, Chinese