

K1 Speed Rules All


600mm/s
Printing Speed


Hands-free
Auto Leveling


Solve Ringing
with G-sensor



12X Faster and More Efficient

Max. 600mm/s speed and 20000mm/s² acceleration.
12 times faster than a regular FDM 3D printer.

Max. 32mm³/s Flow Hotend

New ceramic heater, encircling the entire hotend,
heats to 200°C in 40s and melts the filament instantly.

Dual Fans to Cool the Model

Prompt model cooling by a fan on the printhead
with directional air ducts and also an auxiliary fan
in the build chamber.

Creality OS, Easy Extensions

The smart Creality OS runs on a powerful dual-core 1.2GHz CPU,
able to add an optional AI LiDAR / AI camera.



Print Right Out of the Box

Assembled and calibrated before shipment.
Also featuring a boot-up quick guide and self-test.

Hands-free Auto Leveling

Strain sensors in the heatbed for more precise auto leveling
without any operation or attention.

Control with Smart Connectivity

With a WiFi connection, it is easy to control
and monitor remotely from Creality Cloud or Creality Print.

Solve Ringing and Z-banding

Smart G-sensor to resolve ringing for high-speed printing.
Accurate Z-axis positioning for less Z-banding.

Stable Frame & Enclosed Chamber

Unibody die-cast frame that is CNC-machined for ultra stability.
Enclosed build chamber to deal with more filaments.

Printing Technology	FDM	File Transfer	USB drive, WiFi
Build Volume	220*220*250mm	Display Screen	4.3" color touch screen
Product Dimensions	355*355*480mm	AI Camera	Optional
Package Dimensions	415*415*550mm	AI LiDAR	Optional
Net Weight	12.5kg	Power Loss Recovery	Yes
Gross Weight	16kg	Filament Runout Sensor	Yes
Printing Speed	≤600mm/s	Input Shaping	Yes
Acceleration	≤20000mm/s ²	Lighting Kit	Yes
Printing Accuracy	100±0.1mm	Sleep Mode	Yes
Layer Height	0.1-0.35mm	Rated Voltage	100-120V~, 200-240V~, 50/60Hz
Extruder	Dual-gear direct drive extruder	Rated Power	350W
Filament Diameter	1.75mm	Supported Filaments	ABS, PLA, PETG, PET, TPU, PA, ABS, ASA, PC, PLA-CF, PA-CF, PET-CF
Nozzle Diameter	0.4mm (compatible with 0.6/0.8mm)	Printable File Format	G-Code
Nozzle Temperature	≤300°C	Slicing Software	Creality Print; compatible with Cura, Simply3d, PrusaSlicer
Heatbed Temperature	≤100°C	File Formats for Slicing	STL, OBJ, AMF
Build Surface	Flexible build plate	UI Languages	English, Spanish, German, French, Russian, Portuguese, Italian, Turkish, Japanese, Chinese
Leveling Mode	Hands-free auto leveling		

