CREALITY

K1 Max
Speedy. Smart. Super.

- 600mm/s Printing Speed
- Versatile AI LiDAR
- Observant AI Camera
- 300*300*300 Large Build Volume

12X Faster and More Efficient
600mm/s speed and 20000mm/s² acceleration.
12 times faster than the competition.

Max. 32mm³/s Flow Hotend
New ceramic heater, encircling the entire hotend,
heats to 200℃ in 40s and melts the filament instantly.

Size-efficient with Max Capacity
It offers a 300x300x300mm large build volume,
the biggest compared with similar-sized printers.

1μm Resolution AI LiDAR
It scans the first layer precisely. If a failure is detected,
it will pause printing and tell you immediately.

Observant AI Camera
Recognize spaghetti failure, foreign matter, debris, etc.
and support real-time monitoring and time-lapse filming.

Multi-printers Control
Monitor and control your prints with Creality Cloud APP/WEB
or Creality Print via WiFi or RJ45 Ethernet port.

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

Dual Hands-free Auto Leveling
Use AI LiDAR and strain sensors to measure the distance
between the nozzle and the build surface for auto leveling.

Print Right Out of the Box
Assembled and calibrated before shipment.
Also featuring a boot-up quick guide and self-test.

Printing Technology	FDM	File Transfer	USB drive, Ethernet, WiFi
Build Volume	300*300*300mm	Display Screen	4.3" color touch screen
Product Dimensions	435*462*526mm	AI Camera	Yes
Package Dimensions	508*508*608mm	AI LiDAR	Yes
Net Weight	18kg	Power Loss Recovery	Yes
Gross Weight	23kg	Filament Runout Sensor	Yes
Printing Speed	≤600mm/s	Air Purifier	Yes
Acceleration	≤20000mm/s²	Input Shaping	Yes
Printing Accuracy	100±0.1mm	Lighting Kit	Yes
Layer Height	0.1-0.35mm	Sleep Mode	Yes
Extruder	Dual-gear direct drive extruder	Rated Voltage	100-240V ~, 50/60Hz
Filament Diameter	1.75mm	Rated Power	1000W
Nozzle Diameter	0.4mm (compatible with 0.6/0.8mm nozzle)	Supported Filaments	ABS, PLA, PETG, PET, TPU, PA, ASA, PC, PLA-CF, PA-CF, PET-CF
Nozzle Temperature	≤300°C	Printable File Format	G-Code
Heatbed Temperature	≤120°C	Slicing Software	Creality Print; compatible with Cura, Simplify3D, PrusaSlicer
Build Surface	Flexible build plate	File Formats for Slicing	STL, OBJ, AMF
Leveling Mode	Dual hands-free auto leveling	UI Languages	Chinese, English, Spanish, German, French, Russian, Portuguese, Italian, Turkish, Japanese