CREALITY

Ender-3 V3 KE
3D Printing, Smarter and Faster

Smart
Creality OS

500mm/s Max
Printing Speed*

X-axis
Linear Rail

*Data from Creality Lab.
Space Shuttle @NecroBones

Smart UI at Your Finger Tips

Responsive touch UI with an intuitive tab bar.
Self-test for auto leveling, Z-offset and more with
just one tap.

Smart Algorithms,
Better Print Quality

Preset with input shaping and motion advance
to mitigate vibrations and optimizes the feeding
flow for fewer blobs and oozes.

Control and Monitor Smartly
from Anywhere

Supports cloud printing and data-secure LAN printing.
With 3D printers online, you can manage them efficiently
as a print farm.

Shift into a Higher Gear

Max printing speed: 500mm/s;
Max acceleration: 8000mm/s².

X-axis Linear Rail,
Ultra-smooth Motion

The precise linear rail on the X-axis
makes each move accurate, steady, and smooth.

Superior Hotend
to Meet Greater Challenges

60W ceramic heater, able to fully melt filaments
for high-speed printing.

Double Fans for Rapid Model Cooling

Each side of the printhead has a model cooling fan,
cooling the freshly printed section rapidly and evenly.

More Filaments to Print With

Able to handle Hyper-PLA, ABS, flexible TPU
PETG, and ASA filaments.

Get Printing Started Like a Breeze

Quick assembly, self-test with one tap & auto filament loading.

Printing Technology	FDM	File Transfer	USB drive, LAN, Creality Cloud APP
Build Volume	220*220*240mm	Extruder	Upgraded "Sprite" direct drive extrusion
Product Dimensions	433*366*490mm	Leveling Mode	Hands-free auto leveling
Package Dimensions	502*409*280mm	Display Screen	4.3" clolor touch screen
Net Weight	7.8kg	Mainboard	32-bit silent mainboard
Gross Weight	9.9kg	Printable File Format	G-code
Typical Printing Speed	300mm/s	Power Loss Recovery	Yes
Max. Printing Speed	500mm/s (Data from printing test with Hyper PLA)	Filament Runout Sensor	Yes
Max. Acceleration	8000mm/s²	Vibration Compensation Sensor	Optional
Printing Accuracy	±0.1mm	Creality AI Camera	Optional
Layer Height	0.1-0.35mm	Rated Voltage	350W
Filament Diameter	1.75mm	Rated Power	100-120V~, 200-240V~, 50/60Hz
Nozzle Diameter	0.4mm (default)	Slicing Software	Creality Print, Cura, Simplify3D
Nozzle Temperature	≤300℃	Formats for Slicing	STL, OBJ, 3MF, AMF
Heatbed Temperature	≤100℃	Supported Filaments	PLA, PETG, ABS, TPU(95A), ASA
Build Surface	PEI flexible build plate	UI Languages	English, Español, Deutsche, Français, Русский, Português, Italiano, Türk, 日本語, 中文