

# 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/s<sup>2</sup>.



## 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" color 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/s <sup>2</sup>	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°C	Formats for Slicing	STL, OBJ, 3MF, AMF
Heatbed Temperature	≤100°C	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

