Ender 3 V3 KE Fast & compact 3D printer speed of 500 mm/s

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SKU: 3DWEYGAHVSNS9

Price: 4,354.55 DH (HT)

Stock: onbackorder

Categories: [Imprimantes 3D FDM](#), [3D Printers](#)

Tags: [3dprinter](#)

Product Description

Product information & technical details

- **Item no.:**CRE-E3V3KE
- **Manufacturer No.:**E3V3KE
- **Manufacturer:**Creality
- **Content:**1 pc
- **Product type:**3D Printers
- **Nozzle shape:**Others
- **Assembly:**Assembly kit
- **Printing Technology:**FFF - FDM - LPD
- **Printer Display:**Touch Display
- **Supported operating systems:**Windows (7+), Mac OS X (10.7+)
- **Extruder type:**Direct Drive Extruder
- **Number of extruders:**Single
- **Interfaces:**USB - Connection, WIFI - WLAN, LAN
- **Supported Formats (Slicer):**STL, OBJ, AMF, 3MF
- **Heated build platform:**Yes
- **Heated chamber:**No
- **Filament Diameter:**1,75 mm
- **Build volume:**220 x 220 x 240 mm

With a build volume of 220 x 220 x 240 mm and a net weight of just 7.8 kg, the **Ender 3 V3 KE from Creality** is an incredibly compact 3D printer that addresses your creative needs with

versatile functions and numerous features. With a maximum printing speed of 500 mm/s and a maximum acceleration of 8000 mm/s², your ideas will be realised at top speed! **Features at a glance:**

- Build volume of 220 x 220 x 240 mm,
- Max. printing speed 500 mm/s and max. acceleration 8000 mm/s²,
- X-axis linear rail made of durable steel with ball bearings for smooth movements,
- Optimised "Sprite" direct drive extruder,
- 60 watt ceramic heater,
- Double fan on the print head for quick cooling of the printed model sections,
- 4.3-inch colour touchscreen,
- Flexible PEI build surface,
- hands-free automatic leveling,
- Powerful Creality OS with a responsive user interface and 32-bit silent motherboard,
- Remote control and monitoring via WiFi via PC or smartphone,
- Intelligent algorithms such as Input Shaping and Motion Advance for better print quality.

Precise X-axis linear rail for smooth movements The *Ender 3 V3 KE* 's sturdy X-axis linear rail is made of durable steel and features ball bearings with a coefficient of friction of 0.04. This means that the movements of the rail are more precise, stable and smooth. Additional details that will delight you:

- Dual linear shafts on the Y-axis
- Dual Z-axis leadscrews

Premium hotend for high-speed printing needs The hotend of the *Ender 3 V3 KE* is designed for high-speed printing requirements. ► A 60-watt ceramic heater is able to completely melt filaments during high-speed printing without any problems. ► A bi-metal heatbreak made of copper and titanium alloy prevents thermal creep. ► A copper nozzle enables printing at temperatures of up to 300 °C. **Double fans for rapid cooling of the models** There is a fan on both sides of the print head, which quickly and evenly cools the printed model sections from two sides. **Wide compatibility with filaments** With the *Ender 3 V3 KE* you can choose all kinds of filaments. Are Hyper PLA and PETG more suitable for you, or do you prefer ABS, TPU (95A) and ASA filaments to realise your 3D printing ideas? **Fast operating system and smart user interface for more flexibility** Creality OS runs smoothly, is equipped with a responsive user interface, and can synchronise data and commands with a computer, a smartphone and cloud in real-time. ► *Smart UI:*

- The responsive touch interface features an intuitive menu bar.

- Z-offset and auto-levelling are performed with a single click.
- You can enjoy the model preview in real-time.
- Motion graphics for printing parameters are available to you at any time.

► *Remote control and monitoring:* You have the option of both LAN and cloud printing - anytime, anywhere:

- Cloud printing via WiFi,
- LAN printing via WiFi,
- Printing from a USB drive.

Ender 3 V3 KE can be monitored and controlled via WiFi from a smartphone using the Creality Cloud App or from a PC using Creality Print. ⇒ Exciting function: Receive warnings and information about your print directly on your cell phone or PC! ⇒ In *Creality Cloud* you will find a library of pre-made and free print models. ⇒ In *Creality Print* you get slicing templates that save you time-consuming work. ⇒ Put multiple printers online to manage them in groups from a computer or smartphone using *Creality Print* or *Creality Cloud*. **Advanced algorithms for better print quality** ► *Input Shaping:* Mitigates vibrations and minimises ringing and ghosting. ► *Motion Advance:* Makes feeding smoother to prevent inconsistent extrusion.

Technical specifications:

Build volume	220x220x240mm
Device size	433x366x490mm
Net weight // Gross weight	7.8kg // 9.9kg
Standard print speed	300mm/s
Max. print speed	500mm/s
Max. acceleration	8000mm/s²
Filament diameter	1.75mm
Recommended Printing temperature	≤ 300°C
Recommended Heated bed temperature	≤ 100°C
Build surface	Flexible PEI building plate
Extruder	"Sprite" direct drive extruder
Levelling	Hands-free automatic levelling
Device display	4.3-inch colour touchscreen
Mainboard	32-bit silent motherboard

Data transmission	USB Drive, LAN, Creality Cloud App
Included features	Power Loss Recovery, Filament Runout Sensor
Optional features	Creality AI camera, vibration compensation sensor
Power rating	350W
Voltage	100-120V~, 200-240V~, 50/60Hz
Slicer	Creality Print, Cura, Simplify3D
Slicing formats	STL, OBJ, 3MF, AMF
UI languages	English, Spanish, German, French, Russian, Portuguese, Italian, Turkish, Japanese, Mandarin