

# Creality Ender-3 V3 – High-Speed CoreXZ 3D Printer

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## Product Description:

The Creality Ender-3 V3 is a next-generation 3D printer that merges compact design with CoreXZ architecture and ultra-fast print speeds of up to 600 mm/s. With its dual-motor structure, precision linear rails, and a rigid unibody frame, this machine delivers exceptional stability, accuracy, and speed — all in a familiar Ender form factor. Whether you're upgrading from a basic printer or starting fresh with speed in mind, the Ender-3 V3 offers unmatched performance in its class.

## Specifications:

Specification	Details
Build Volume	220 × 220 × 250 mm
Printing Technology	FDM (Fused Deposition Modeling)
Max Print Speed	600 mm/s
Frame Type	Die-cast aluminum unibody
Motion System	CoreXZ dual-motor + linear rails
Extruder	Sprite direct drive extruder (all-metal)
Nozzle Temp	≤ 300 °C
Bed Temp	≤ 110 °C
Bed Surface	PEI spring steel sheet
Bed Leveling	Automatic with pressure sensor
Display	4.3" color touch screen
Resume Printing	Yes
Filament Sensor	Yes
Connectivity	USB-C & SD Card
Noise Level	Silent stepper drivers

## **Contents:**

- Ender-3 V3 Printer (partially assembled)
- Heated magnetic PEI bed
- Power cable
- Tools and accessories
- Filament sensor module
- USB-C cable and SD card
- Quick start guide and instruction manual

## **Applications:**

- High-speed prototyping for engineering and design
- Fast printing for cosplay, hobby models, and miniatures
- Education environments and workshops
- General-purpose use for home creators and entrepreneurs

## **Features and Benefits:**

- CoreXZ Motion System: Dual motors and linear rails deliver fast, accurate movement with reduced vibration.
- High-Speed Printing: Achieve speeds of up to 600 mm/s while maintaining dimensional accuracy.
- Direct Drive Sprite Extruder: Supports PLA, TPU, PETG, ABS, and more — great for flexible and exotic materials.
- Auto Bed Leveling: Built-in pressure sensor simplifies bed calibration for perfect first layers.
- All-Metal Frame: CNC-machined base reduces flex and enhances structural rigidity.
- PEI Spring Steel Bed: Reliable adhesion and easy print removal with no warping.
- Modern Touch UI: Intuitive 4.3" interface improves control and print monitoring.
- Whisper-Quiet Operation: Integrated silent drivers ensure low-noise performance.

## **Packaging:**

- Box Dimensions:  $\sim 530 \times 480 \times 280$  mm
- Shipping Weight:  $\sim 9.5$  kg
- High-density foam protection for all components
- Color-coded assembly instructions included