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

Product Description:

The Creality Ender-3 V3 Plus redefines desktop 3D printing with its all-new CoreXZ motion system, allowing blazing-fast speeds up to 600 mm/s. Combining industrial-grade rigidity, AI-assisted printing features, and a generous 300×300×330 mm build volume, this printer is built for makers, tinkerers, and small-scale production setups. From functional prototypes to creative designs, the V3 Plus delivers speed without sacrificing quality.

Specifications:

Specification	Details
Build Volume	300×300×330 mm
Max Print Speed	600 mm/s
Motion System	CoreXZ with Linear Rails
Extruder Type	Direct Drive "Sprite" Extruder
Nozzle Temp	Up to 300 °C
Bed Temp	Up to 110 °C
Leveling System	Fully Automatic (CR Touch)
Display	4.3″ Color Touchscreen
Connectivity	USB-C, SD Card
Noise Level	Silent Printing with TMC2209
Frame	CNC-machined Aluminum Alloy

Contents:

- Creality Ender-3 V3 Plus 3D Printer (semi-assembled)
- Power cable
- Spool holder
- Tool kit
- Nozzle cleaning kit

- User manual
- SD card and USB adapter
- Sample filament roll

Applications:
- Rapid prototyping for engineering and product development
- High-detail hobbyist models and figurines
- Custom enclosures and mechanical components
- Batch printing for small production runs
- Educational and maker labs

Features and Benefits:
- CoreXZ Structure: Combines stability and precision with ultra-fast speeds.
- Sprite Direct Extruder: Lightweight dual-gear system with exceptional extrusion force and support for flexible filaments.
- AI Camera & Lidar (Optional): Detects first layer errors, pauses on failures, and sends alerts.
- Sturdy Frame: Die-cast aluminum base and thick gantry pillars for ultra-stable prints even at high speeds.
- Quick Heat Bed: Magnetic PEI-coated spring steel plate ensures excellent adhesion and easy removal.
- Fully Automatic Bed Leveling: One-touch calibration for perfect first layers every time.
- Whisper-Quiet Operation: TMC2209 stepper drivers for nearly silent performance.

Packaging:
- Boxed Dimensions: ~660×565×305 mm
- Shipping Weight: ~15.5 kg
- Foam-packed for shock protection during transit
- QR Code for quick-start video tutorials included