Creality Ender-3 V3 Neo 3D Printer

Model: 1001020681

Manufacturer: CREALITY

EAN: 6977726815802

Product Code: 1744762

R6,061

Creality Ender-3 V3 Neo 3D Printer

Start your 3D printing adventure and turn your own ideas into real objects! The Creality Ender-3 V3 Neo is a 3D printer offering print speeds of up to 500 mm/s, acceleration of up to 8,000 mm/s², and a build volume of 220 × 220 × 220 mm, making it perfect for creating decorations, accessories, or educational projects. Automatic bed leveling, the Sprite 2 extruder, and a vibration compensation system help achieve precise results without complicated setup. The device also supports flexible TPU 90A–95A filaments, features a built-in camera, and provides access to the comprehensive Creality Cloud platform. Additionally, it is compatible with the optional CFS nano system, which enables printing in up to four colors.

High speed, impressive results

Bring your next projects to life without long wait times! The Creality Ender-3 V3 Neo achieves print speeds of up to 500 mm/s and acceleration of up to 8,000 mm/s², allowing you to efficiently create

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both simple parts and complex models. The Sprite 2 extruder ensures even filament feeding, providing a stable material flow even during high-speed printing. The built-in vibration compensation system minimizes unwanted artifacts, such as ringing or duplicate contours. As a result, prints feature smoother surfaces, sharper details, and an aesthetically pleasing finish.

Easy to get started without complicated calibration

You don’t need any experience with 3D printing to start creating your own models. The Ender-3 V3 Neo uses a fully automatic build plate leveling system that eliminates the need for manual calibration and helps ensure a proper first layer. The device also features automatic detection of filament tangles and feeding issues. If a problem occurs, the printer pauses and alerts you to the issue, allowing you to resolve it and then resume printing.

Print in Four Colors with CFS nano

Want to create multicolored figurines, decorations, and highly detailed models? The Creality Ender-3 V3 Neo works with the CFS nano system, which allows for automatic switching between up to four filaments during printing. This allows you to complete colorful projects without having to manually switch filaments at each stage of the print. The system also supports automatic filament detection and switching to the next spool, which helps minimize printing interruptions. The CFS nano system is included in the Combo package, but it can also be purchased separately for the base Ender-3 V3 Neo model. This allows you to start by printing in a single color and then upgrade the printer to create multicolor models.

More possibilities with different filaments

Create both rigid functional parts and flexible accessories. The Creality Ender-3 V3 Neo supports PLA, PETG, and TPU filaments with a hardness of 90A or higher, as well as ABS and ASA materials, for which an additional enclosed printer enclosure is recommended. Flexible TPU filaments offer particularly interesting possibilities. The 90A material allows you to create, among other things, flexible keychains, stress-relief toys, and soft coasters, while TPU 95A is ideal for making protective cases, flexible clips, and functional parts. The maximum nozzle temperature is 300°C, and the build plate temperature is 100°C, ensuring optimal conditions for working with supported materials.

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Creality Cloud – Over a Million Models at Your Fingertips

Stuck for ideas for your next project? The Creality Cloud platform provides access to a library of over a million print-ready 3D models. Among them, you'll find decorations, collectibles, practical organizers, wearable accessories, and elements for educational projects. You can also convert photos into 3D models using the CubeMe and SnapForm tools, which opens up additional possibilities for creating personalized items. It's a great way to develop your skills, experiment with new ideas, and discover new applications for 3D printing.

Convenient print management from your phone

Monitor your projects without having to stay by the printer all the time. The Ender-3 V3 Neo supports 2.4 GHz Wi-Fi connectivity and the Creality Cloud platform, allowing you to start prints, check their progress, and manage the device using your smartphone. You can prepare models in the Creality Print software or the Creality Cloud app, then send them to the printer. You can also transfer files using a USB flash drive. Additionally, the device features a 2.85-inch color touchscreen that makes it easy to operate and monitor the printing process.

Built-in Camera – Monitor Progress and Record Prints

See how your models are taking shape, even when you're not right next to the printer. The Creality Ender-3 V3 Neo has a built-in camera that lets you monitor the printing process in real time. This lets you remotely monitor the process and watch as your project gradually takes shape. The camera also supports time-lapse video recording, allowing you to showcase the entire model-building process in a striking way. Privacy has also been taken into account—a special sliding cover allows you to physically block the lens when you're not using the preview.

Simple Maintenance and Convenient Nozzle Replacement

Keeping the printer in good condition doesn't have to involve time-consuming maintenance tasks. The Ender-3 V3 Neo is equipped with a nozzle featuring a quick-change mechanism that allows you to remove it by hand, without using any additional tools. This solution simplifies cleaning and routine maintenance, and also allows you to prepare the device more efficiently for upcoming projects. Additionally, the printer offers a power-loss resume feature, providing extra protection during printing.

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Compact design, great creative freedom

The Creality Ender-3 V3 Neo easily fits in a home workshop, a student’s room, or on a desk. Its dimensions are 498 × 370 × 471 mm, and its 220 × 220 × 220 mm build volume allows you to tackle a variety of projects without taking up too much space. The printer uses FFF technology, stepper motors on the X, Y, and Z axes, and a build plate coated with epoxy resin. It supports 1.75 mm filament and layer heights ranging from 0.08 to 0.35 mm, allowing you to adjust the print settings to suit your project. Whether you’re planning to make small jewelry, a mechanical gripper, or a practical desk organizer, the Ender-3 V3 Neo gives you the space to bring your ideas to life.

Included

- Printer base x1
- Printer frame x1
- Filament holder frame x1
- Filament spool holder shaft x1
- Power cord x1
- M3 × 14 cylinder-head screw with hex socket, spring washer, and flat washer x6
- M3 × 6 hex socket pan-head screws x3
- M4 × 16 hex socket countersunk screws x4
- Cable clips x2
- Set of Allen wrenches x1
- PTFE tube x1
- Nozzle cleaning needle x1
- Quick assembly guide x1

Manufacturer	Creality
Model	Ender-3 V3 Neo
Printing technology	FFF (Fused Filament Fabrication)
Build Volume	220 × 220 × 220 mm
Dimensions	498 × 370 × 471 mm
Net Weight	7.7 kg

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Print Speed	Up to 500 mm/s
Acceleration	Up to 8,000 mm/s²
Print Accuracy	±0.1 mm (height ≤100 mm)
Layer Height	0.08–0.35 mm
Extruder	Sprite 2
Filament Diameter	1.75 mm
Nozzle diameter	0.4 mm
Maximum nozzle temperature	300°C
Maximum build plate temperature	100°C
Build plate surface	Epoxy-coated plate
Build plate leveling	Fully automatic
XYZ axis motors	Stepper motors
Supported filaments	PLA, PETG, TPU (90A or harder), ABS, ASA (enclosure recommended)
Filament tangle detection	Yes
Resume printing after power loss	Yes
Automatic filament refilling	Yes, with CFS nano
Automatic filament identification	Yes, with CFS nano
CFS nano support	Yes
Camera	Time-lapse recording support
Display	2.85-inch color touchscreen
Print status indicators	Yes
Wi-Fi connectivity	2.4 GHz
File Transfer	USB drive, Wi-Fi, Creality Cloud
Print File Format	G-code
Software	Creality Print 7.0 or later
Supported Interface Languages	Over 10, including Chinese, English, German, and Spanish

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Power Supply	100–240 V AC, 50/60 Hz
Rated Power	850 W

Information about data generation: https://dataact.innpro.pl/CREALITY/6977726815802, GPSR Link: https://psr-assets.innpro.pl/creative_technologies/sg_creative_technologies_3d_print.pdf, PPWR: https://ppwr.innpro.pl/en/creality, Net weight: 7790, Box length: 49,50, Box width: 46,50, Box height: 28,00, Gross weight: 9680

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