

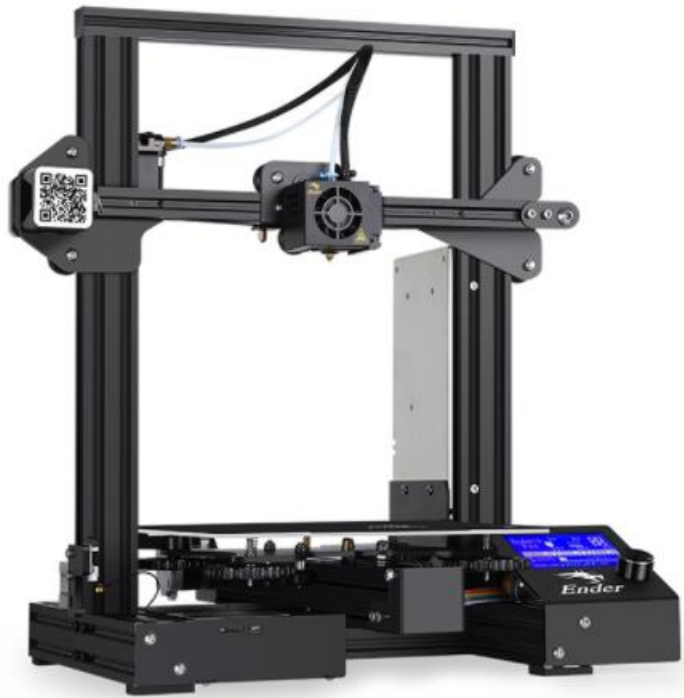
CREALITY Ender-3 (1201020217)

3D ΕΚΤΥΠΩΤΕΣ



CREALITY

Creality Ender-3 3D Printer| Ένας τρισδιάστατος εκτυπωτής ανοιχτού κώδικα με εκπληκτική ακρίβεια εκτύπωσης και προσιτή τιμή, ο καλύτερος τρισδιάστατος εκτυπωτής για αρχάριους



3D PRINTING



Classic DIY 3D Printer Best-Value-for-Money

Ender-3 has been a global bestseller since its release in 2017.

As a top pick-up 3D printer, Ender-3 has achieved a total shipment of **800,000** pieces.

Ender-3



The Creality Ender-3 3D Printer is one of the best FDM printers under \$200 right now, desired for its performance and versatility.

Even though it's a budget FDM 3d printer, the features it houses are comparable to many high-end printers out there.

There are a number of features that make the Creality Ender-3 3d printer one of the most popular machines currently on the market.

It has a build volume of 220 x 220 x 250mm, a BuildTak-like heated build plate, power recovery mode, and a tight filament pathway that makes it easier to print with flexible materials.

These are attributes that are difficult to find in even more expensive printers.



DIY
Assembly



Integrated
Structure



High
Precision Print



Stable
Power Supply



Quality
Extruder



Rapid
Heating Up



Resume
Printing



Reliable
Motion



Large
Leveling Nuts

DIY assembly Born for enthusiasts

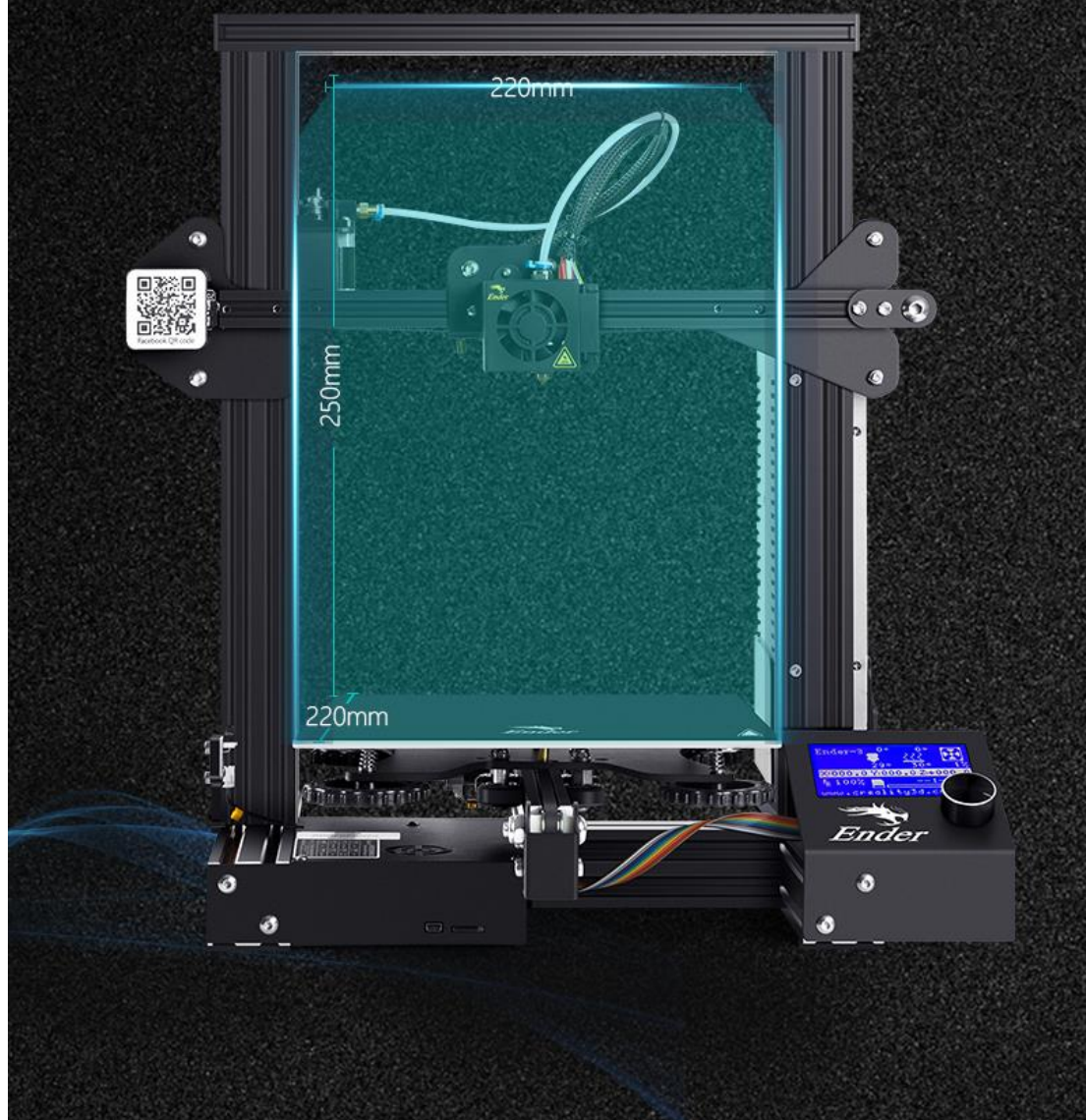
Catering to the requests of DIY enthusiasts, Ender-3 enables you to assemble by yourself and enjoy fun from it



- 1. Base frame
- 2. Power supply
- 3. Display screen
- 4. Motor
- 5. Profile
- 6. Screw rod
- 7. Z passive block
- 8. X kit
- 9. Filament holder
- 10. Spatula

Specially Created for All Geeks and Makers

Large printing size achieves more printing requirements and ideas



Premium quality High-precision printing



Ender-3

- CNC-machining Y trough for installation
- Precise positioning, stable structure
- Print models with high-precision and a high success rate



Common printer

High-standard V-profile

Ender-3 adopts innovative V-profile and pulley for stable running, low noise, wear resistance and a longer service life

V-profile

Stable running
Low noise, wear
resistance



Iron profile

Prone to wear and tear
Loud noise



Intelligent inductive device No need to worry about power outage

Power supply protection device and resume printing function take away your fear about unexpected power-off during printing and save time and material



Model after power-off during printing



Completed model

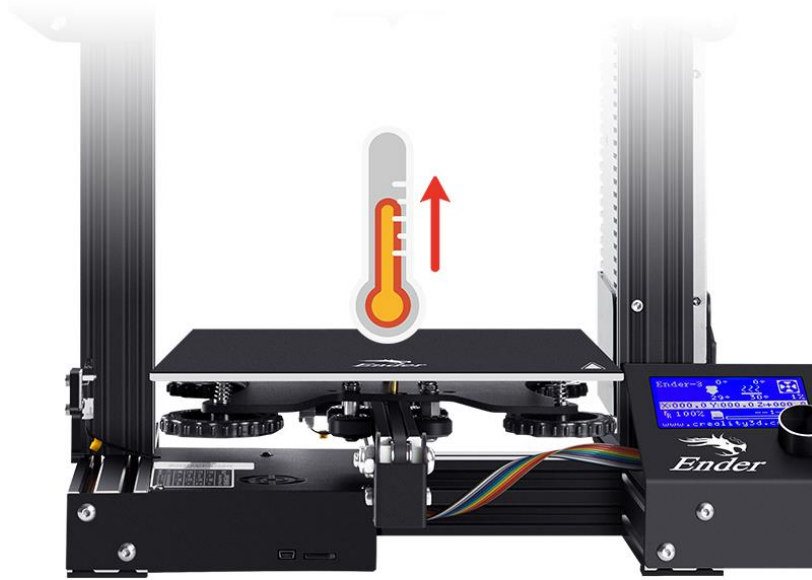
Quick model picking-up with ease

Ender-3 employs new magnetic self-adhesive platform sticker rather than traditional masking tape and glue for easy model picking-up, excellent adhesion and less printing cost



Excellent hotbed Quick heating-up

Ender-3 has an excellent hotbed to be heated up to 100°C in 5 minutes to meet the requirement of quick printing



Detail-focused for better product experience

Ender-3 is having a power supply protection device, which supports resume printing. No worries on unexpected accidents or power outage during printing



01
Gantry Structure

02
Compact size
Convenient to move



03
Large leveling nuts
Ergonomic design
Quick and easy to use

Product Parameters

Machine model	Ender-3
Molding technology	FDM(Fused Deposition Molding)
Printing size	220*220*250mm
Printing speed	≤180mm/s, normal 30-60mm/s
Printing precision	±0.1mm
Nozzle diameter	standard 0.4mm, can be in 0.3 or 0.2mm
Hotbed temperature	≤100°C
File transfer	Online or SD card offline
File format	STL, OBJ, AMF
Slicing software	Cura, Repetier-Host, simplify3D
Power supply	input: AC 115V/230V output: DC 24V 270W
Filament	PLA, ABS, TPU, wood, copper, gradient, etc.
N.W.	6.62kg
Machine size	440*440*465mm
G.W.	8.1kg
Packaging size	530*380*200mm

Application Areas

Medical simulation prototype

Mechanical hand



Architectural design

Architectural model



Home decoration

Moon lamp, various decorative items



Film & TV prop

Weapon prop



More ideas wait for you to discover.....

COMPANY INTRODUCTION

Shenzhen Creality 3D Technology Co., Ltd.

Creality 3D is an internationally renowned 3D printer manufacturer, national high-tech enterprise, and a pioneer in the R&D and mass production of FDM and resin 3D printers in China. Our company has been committed to applying 3D printers into market, delivering efficient and cost-effective integrated 3D printing solutions for individuals, families, schools and enterprises.

Headquartered in Shenzhen, Creality 3D has branches in Beijing, Shanghai and Wuhan, and cooperates with colleges and universities to build an industry-university-research teaching and internship base. We have a complete set of R&D, manufacturing and after-sales service system and strong technological strength. With a total area of 30,000m², a team of over 1,000 employees, and monthly production capacity of over 800,000 units, Creality 3D prides itself on its large-scale R&D center and 3D printing laboratories and Creality research institute. Coupled with modern production lines working for 24 hours nonstop and demanding quality control system, the excellent product quality is thus guaranteed from the source. The products have been sold to more than 100 countries and regions, and have been ranked in the top of the global 3D printer sales list for a long time.

With initial aspirations never faltered, sticking to "customer-first" service concept, Creality 3D will keep passing on the spirit of the 3D printing industry evangelist to make better quality 3D printers and provide best service, enabling people to enjoy the convenience of technology and contributing to the rise of China's intelligent



Ender-3 FDM 3D Printer Features

Creality Ender-3 3D Printer is an open-sourced 3d printer.

For every community of users and contributors, better improvement, and more designs can culminate from some of the best and brightest minds in the 3D printing world.

Creality Ender-3 3D Printer is partially assembled and competed by Creality itself

Which makes it a great 3d printing project for every school and student.

The especially perfect gift to spark a lifelong love for science and engineering and provide a deeper understanding of machinery and robotics.

Use Industrial-grade Circuit Board

The technology used in the Creality Ender-3 3d printer is quite mature and stable.

It can work continuously for 200 hours without pressure.

Also, Creality Ender-3 3D Printer allows it to resume printing after power-off or lapse occurs and with thermal runaway protection itself.

Stable Printing with Creality Ender-3 3D Printer

Patented technology, V-Slot+precision pulley, running more smoothly, more wear-resistant. Effectively reduce noise.

MK8 Technology Adopted in this FDM 3D Printer

MK8 extrusion mechanism is used, a brand-new patented infrastructure that effectively reduces the risk of plugging and poor spillage and can print almost all filaments on the market.

CNC machining of the Y-rail mounting groove to make sure precise positioning and keep the solid frame with the high-precision printing quality.

And big hand twist nut, make the print platform easier to level.

Creality Ender-3 3D Printer can Reach 110°C for hotbed in about 5 minutes.

Meet the needs of fast heating, and printing ABS suggested to be with a 3d printing enclosure to reduce the heat dissipation.

Technical Specifications

Ender-3 FDM 3D Printer Properties

Modeling Technology: FDM (Fused Deposition Modeling)

Printing Size: 220x220x250mm

Printing Speed: 180mm/s

Filament: 1.75mm PLA, TPU, ABS

Working Mode: Online or SD offline

File Format: STL,OBJ,G-code

Ender-3 FDM 3D Printer Hardware

Machine Size: 440x440x465mm

Net Weight: 8KG

Power Supply: 100-265V 50-60HZ

Output: 24V 15A 270W

Ender-3 FDM 3D Printer Extruder Hardware

Layer Thickness: 0.1-0.4mm

Nozzle Diameter: 0.4mm

Printing Accuracy: ± 0.1 mm

Nozzle Temperature: 255°C

Hotbed Temperature: 110°C

Live Chat Support:

Creality Support can be reached via phone, live chat, email, [Forum](#), or through submission of a support request through their online support page.

reality Ender-3 3D Printer Wholesale & Resell

As one of the professional 3D Printer Manufacturers & Suppliers in China, Creality only sells 3d printer products like Ender-3, Ender-3 V2, Ender-3 Pro with high quality.

It is only delivered after highly tested and inspected by Creality IQC(Quality Control Inspector).

Our quality control teams keep our warehouse consistently fresh while maintaining the largest in-stock selection of wholesale 3d printers.

Creality Ender-3 3D Printer has earned such a success since it's released, as its' high quality & acceptable price for beginners.

It is quite a product suitable for business start-ups or leading manufacturers.

Creality today offers official 3d printers at wholesale prices and provides authorized certification to sell both 3d printers and filaments.

We would like to establish a distributor relationship with people who would like to reseller our products or leading manufacturers overseas to offer 3d printing products & accessories at wholesale prices.

Fill the form below to grab the opportunity to Join Creality and become one of our partners.