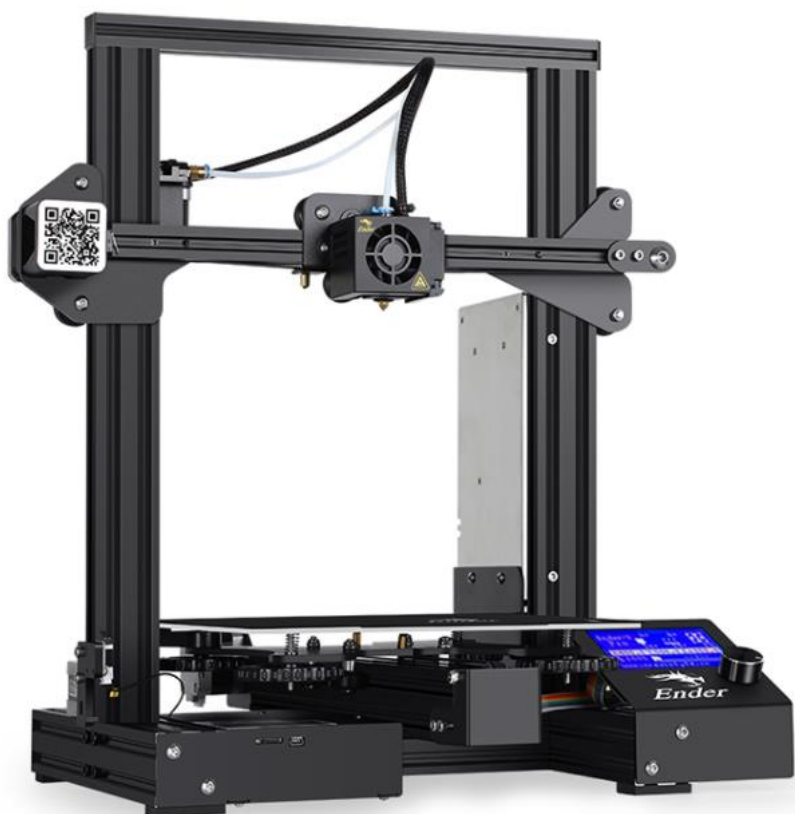# CREALITY

Ender-3 Pro 3D Printer

Creality Ender-3 Pro 3d printer | A perfect home 3d printer equipped the wider Y axis mounts, more reliable brand power supply. The thermal runaway protection function also added ensures a safer working environment.

Product Parameters

Machine model	Ender-3 Pro
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 100-120V/6.8A 200-240V/3.4A 50/60HZ output: DC 24V 270W
Filament	PLA, ABS, TPU, wood, copper, gradient, etc.
N.W.	6.98kg
Machine size	440*420*465mm
G.W.	9kg
Packaging size	600*505*175mm

Ender–3 Pro

Integrated 3d printer

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.

Create Reality
Achieve Dreams

Ender-3 VS Ender-3 Pro
Classic with Upgrades

Model	Ender-3	Ender-3 pro
Print size	220*220*250mm	220*220*250mm
Power supply	Standard power supply	Branded power supply
Y-axes	Standard Y-axis	Wider Y-axes
Print bed	BuildTak-like print bed	Magnetic print bed
Motherboard	/	Optimized location
Resume printing	Yes	Yes
Bed leveling nuts	Yes	Yes

DIY
Assembly

Integrated
Structure

High
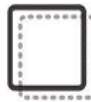Precision Print

Stable
Power Supply

Quality
Extruder

Linear
Pully System

Resume
Printing

Magnetic
Print Bed

Large
Leveling Nuts

Excellent power supply Convenient and safe

Ender-3 Pro adopts high-quality power supply specially designed for
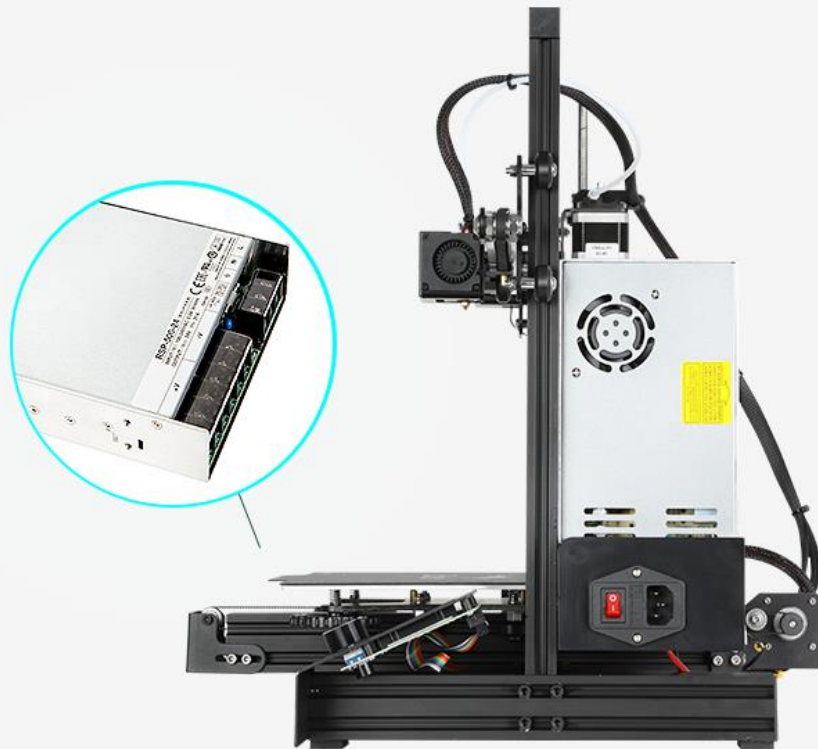3D printing industry with a stable supply of power, small ripple and great safety

UL certification   CE certification   EAC certification

3D Printers

DIY assembly Born for enthusiasts

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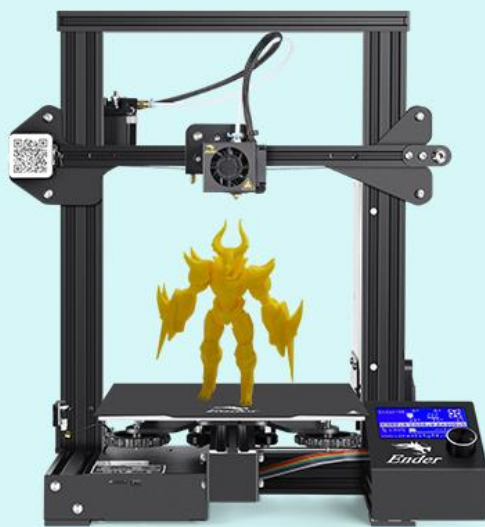assemble by yourself and enjoy fun from it

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

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

Premium quality High-precision printing

✓ **Ender-3 Pro**

High-precision printing

CNC-machining Y trough for installation •

Precise positioning, stable structure •

Print models with high-precision •

and a high success rate

✗ **Common printer**

Low-precision printing

High-standard V-profile

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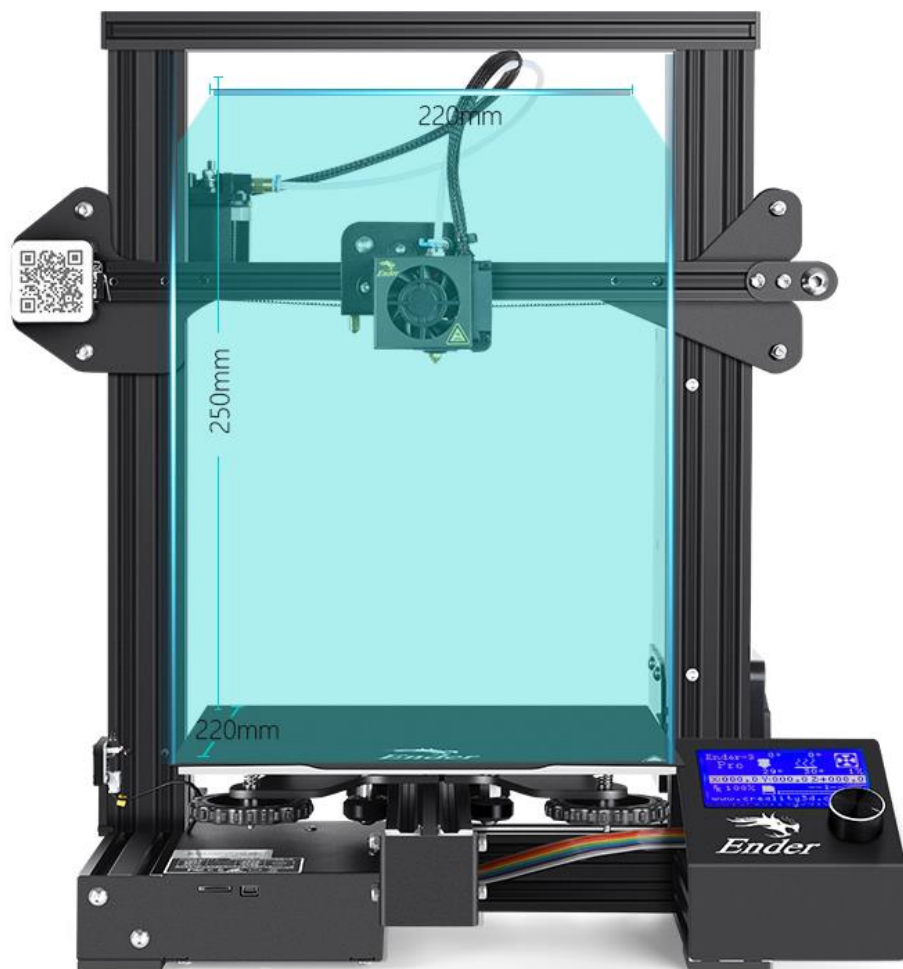
V-profile

Stable running
Low noise, wear resistance

Iron profile

Prone to wear and tear
Loud noise

Specially Created for All Geeks and Makers

Large printing size achieves more printing requirements and ideas

● ● ●

220mm

250mm

220mm

Quick model picking-up with ease

Ender-3 Pro 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

Magnetic platform

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
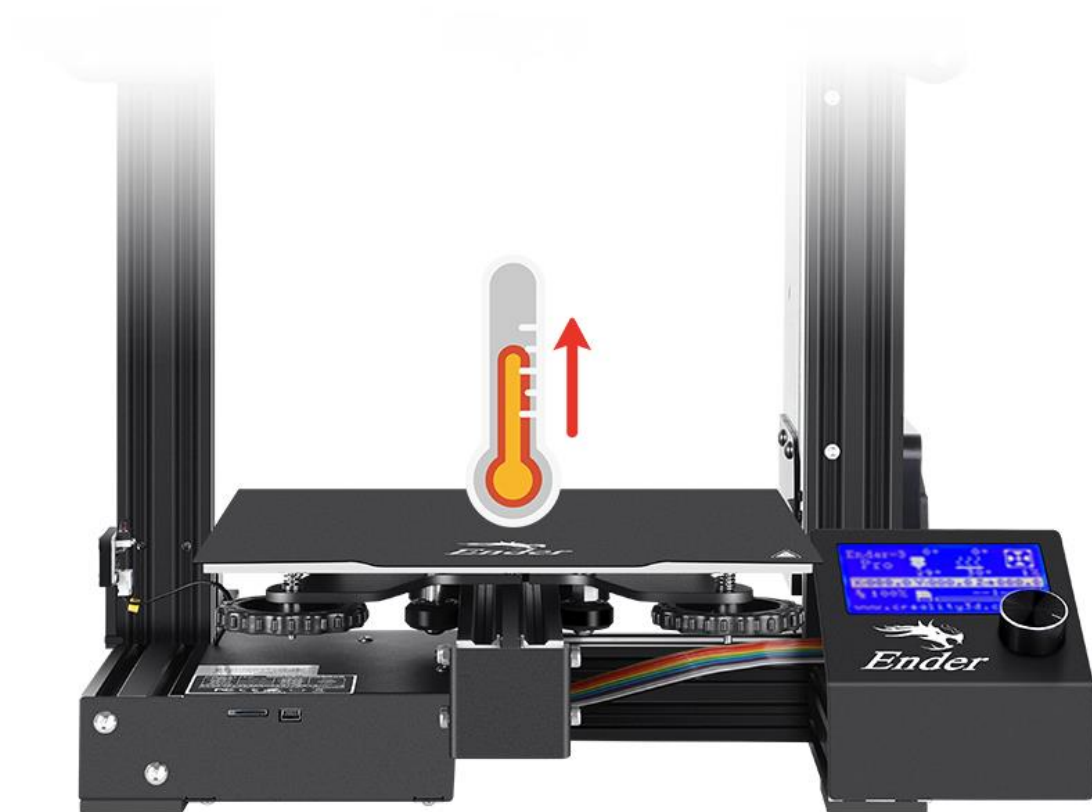
Model after power-off during printing   Completed model

Excellent hotbed Quick heating-up

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

Rapid heating-up

Detail-focused for better product experience

● ● ●

Large bed leveling nuts

Ergonomic design
Fast leveling

Card slot

Humanized design
Better experience

Fan

More appropriate fan position
Avoid affecting printing efficiency
by the fall of model scraps

45° display screen

Easy to check printing progress

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......

Creality Ender-3 Pro FDM 3D Printer

The Creality Ender-3 Pro is an affordable FDM 3D printer, there are many good reasons to drop money on this machine.

The first reason is obvious: its extremely low price!

Second, the Creality Ender-3 Pro 3d printer offers features that you don't find in more expensive 3D printers: a decent build volume of 220 x 220 x 250mm, a magnetic bed, a power recovery mode, and a tight filament pathway that makes it easier to work with flexible materials.

Thirdly, it just irons out some of the flaws of the Ender-3 3d printer, which is a machine that makes love because it's hackable as hell.

Ender-3 Pro FDM 3D Printer Features

Creality Ender-3 Pro 3D Printer is an upgraded version of the Creality Ender-3 3d printer.
Together with the imported Brand Power Supply and new platform sticker, also redesigned the aluminum extrusion.

Upgraded components enable Creality Ender-3 Pro 3d printer to print more safely and with stability.

Creality Ender-3 Pro 3D Printer, brand power supply was adopted.
It is produced by the listed company with over 30 years of experience in the power supply industry with mature technology.

And it meets all the needs of fast heating and long-time 3D printing with the manufactured power supply.

Ensures safer and faster heating of all necessary components.

The printer is shielded by its power supply from voltage spikes and power outages. If electrical power is lost, prints can be resumed from the last layer, saving time and reducing waste.

The advanced MK-8 extruder genius design greatly reduces the risk of clogging and uneven extrusion.

High precision ball bearing wheels made from Delrin/POM engineering thermoplastic deliver high stiffness, low friction, and excellent dimensional stability helping to reduce noise levels greatly.

Redesigned with a much more sturdy, 40x40 aluminum extrusion for the Y-axis base.
This provides unprecedented stability for the printing surface, resulting in upgraded print quality.

Our all-new state-of-the-art "C-MAG" magnetic bed, is completely removable, and flexible, which perfectly designed for Creality Ender-3 Pro 3D Printer.

The textured surface adheres to all types of filament better than traditional methods such as tape, glue, or hairspray.

No more model warping on larger prints!

Once the model is finished printing, remove the magnetic upper from the lower and bend or flex the print surface to watch the model effortlessly pop off the printing surface.

Paired with the new high-quality power supply, the Creality Ender-3 Pro 3D Printer heated bed can reach temperatures of 110*C in just 5 minutes.

Making the Creality Ender-3 pro 3d printer more suitable for many different types of filaments.

High precision CNC machining techniques used for all metal brackets and mounts, guarantee precise positioning and an all-around more stable structure.

All-new, ergonomically designed, larger bed leveling nuts, make leveling the bed much easier and more precise, to make sure you spend more time printing and less time leveling.

Note: Creality Ender-3 and Ender-3 Pro 3d printer Now can be added with Bltouch(auto bed leveling）for easier bed Leveling.