

Ender-3 VS Ender-3 Pro VS Ender-3 V2 : The Differences | Creality 3D

 [Ender-3 V2 3D Printer](#) / [Ender-3 3D Printer](#) / [Ender-3 Pro 3D Printer](#) 2020-06-17

Creality Ender-3 & Ender-3 Pro DIY 3D printer has just won the title of 2020 Best 3D Printer on the ALL3DP platform.

Since the birth of Ender-3 & Ender-3 Pro, it has been greatly loved by users. It is rated as the most cost-effective DIY 3D printer by the majority of users because of its ease of assembly, improvement acceptable, and excellent print model quality.

Many customers shared with us the joy of getting the machine and brought some changes in life. In order to continue the classics, Creality has made some upgrades and improvements to this machine.

Recently, the advent of the upgraded version of Creality 3D printer kit Ender-3 V2 has attracted everyone's attention.

Many users are very looking forward to this machine, but at the same time, it has also caused some confusion.

What is the difference between Ender-3 V2, Ender-3, and Ender-3 Pro? They look almost the same, what are the upgrade parts and functions? What is the price? Which one is a better one? Let us figure out in detail some common and differences among them.

The original cartesian principle design is retained, the appearance of Ender-3 V2 and Ender-3 looks almost the same, and the original printing size is 220 * 220 * 250mm. According to the feedback of most customers, the customer's ender-3 size is relatively satisfactory.

What is the difference?

Ender-3_ the Basic Version 3D Printer

As a basic version, Ender-3 is quite easy to assemble, although manual calibration is required, the improved large leveling knob makes it more convenient.

Many users mentioned that Ender-3 far exceeds their expectations. It is still available to print PLA, PETG, ABS, TPU, and other filaments, because of its relatively high performance, its structure is made by ordinary profiles, and the cables out of the machine might look a little bit messy. So its appearance does look relatively common.

Besides that, it still performs very well, especially the models' prints out with high precision. I believe that users have some basic understanding of the Ender-3 3D printer, and there are also many evaluations of Ender-3 on YouTube.

There are several features that make the Creality Ender-3 a suitable 3D printer for beginners.

Its platform is a build task-like heated build plate while Ender-3 Pro comes with flexible removal magnetic platform. Some users have pointed out that sometimes wobbles happened while printing.

Creality realizes that the Y profile that comes with the Ender-3 is not wider enough. And dust exists on the bottom part sometimes. But it is understandable because of its price under 200 US dollars.

How about the [Ender-3 Pro](#)?

Based on the upgradable points that users mentioned, there comes Ender-3 Pro with wider 40*40 aluminum extrusion for the Y-axis base, which greatly improves stability.

And better bearing wheels deliver more stiffness, reduce friction, and give overall better dimensional stability. This and some broad rubber feet also help to reduce the noise level.

The first version of Ender 3 had a fan on the top of the printer base, which made it easy to drop filaments.

On Ender 3 Pro, Creality has placed this fan on the bottom of the 3D printer, perfectly prevent the filament dust drop in the platform. For more details about the difference between these two 3D printers, you can check our [Ender-3 VS Ender-3 Pro- the difference](#).

[Ender-3 VS Ender-3 Pro- The Difference](#)

[Ender 3 VS Ender 5-The Difference and Comparison Explained](#)

[Ender-3 V2 Reviews from Foreign Customers: Let's Create a New Ender Craze Together](#)

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Creality [Ender-3 V2](#) - 2020 New Released 3D Printer under \$300

Ender-3 V2 will be the high recommended 3d printer that we would like to introduce today.

Why there's new ender 3 upgrade version? Might some users curious about that. As for the better user experience I mentioned previously, Creality makes this decision to do the upgrades.

Creality Ender 3 V2 - 3D Printer - Unbox & Setup



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1. Sheet metal injection design

Unlike Ender-3, Ender-3 V2 is a phenomenal 3d printer with a new sheet metal injection design. It seems to be more in line with the aesthetic design.

All the cables are neatly designed and hidden. In addition, the new nozzle basic kit design surprised us. The overall structural design looks more high-end and safer.

2. 4.3 inch HD color screen

Without adding to the old knob screen design, the Creality Ender-3 V2 3d printer is equipped with a 4.3 inch HD color screen, the clear screen design makes the whole machine instantly different.

What is more unexpected is that this screen is detachable. As long as the cable is connected, you can remove the screen, which making this machine more flexible to control.

3. Tempered Glassed Platform

After several times tested, Creality finds out tempered Glassed Platform with better adherence, and the model can be easier removed but not damage models. Anyhow, later all-new Creality will come with the tempered glassed platform.

4. XY-axis tensioner

Some customer has mentioned that the timing belt is not tight enough for model printing, sometimes the model comes out ugly. Our teams designed to add these two XY-axis tensioner to help tension the belt when it is loose.

5. Hidden Toolbox

Embedded in the base, there will be a tool storing box hidden under the platform. All the tools like needles, pliers and other tools are in the box already, we believe that you will love this little surprise.

6. 32-bit Silent Mother Board

The noise that comes with the printer has been drive users crazy most of the time. As the ender-3 pro does, Creality Ender-3 V2 now has the silent 32-bit motherboard with a 2530 chipset inside as well.

7. Rotary knob added on the extruder

We both know when we put the filament into the extruder, it's a little difficult to feed-in. So Creality adds a rotary knob on the extruder to operate conveniently. And what's more, we need to press the extrusion clamp to feed-in, sometimes, the extrusion clamp is easy to be broken, so the rotary knob is a very friendly design.

8. Resume after a power outage function

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How's the price? may people interested in knowing how much it is. We are proud to say that under the price of \$300, the Creality Ender-3 series 3d printer can be described as the most cost-effective 3d printer on the market. And it is quite perfect for most beginners and hobbyists.

Reason for Creality Ender-3

Price lower other than other Ender-3 series. And running smoothly. If you have the budget for a 3d printer, I will recommend you try Ender-3, especially when you are good at replacing parts like fans with another build plate.

Reasons for Creality Ender-3 Pro

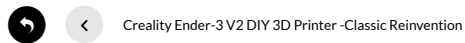
If you want a printer with high quality, precision, and stability, Creality Ender 3 Pro will be your best choice. It has a high-cost performance, and the durability and stability of each upgraded part are also excellent.

Reasons for Creality Ender-3 V2

If you have enough budget and want a 3d printer more compact and functional, we strongly recommend you to try our Creality Ender-3 V2. Its model print quality and performance are relatively stable because it is upgraded based on Ender-3.

Basically, all functions have been perfected on this machine. The price is only slightly higher than Ender-3, the price is around 289 US dollars, and its cost performance can be said to be the highest in the ender-3 series.

Which 3d printer would be your favorite? fill the form below and let us know about it.



Free Consultation

Don't hesitate to e-mail us with any questions or inquiries, we would be happy to answer your questions.

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18F, JinXiuHongDu Building, Meilong Blvd., Longhua Dist., Shenzhen, China 518131

info@creality.com

+86 0755-2107-4150