

Compare iPhone 13 and iPhone 12

iPhone 13 has officially launched. In addition to the new A15 Bionic processor, the iPhone 13 is also equipped with a large sensor for better low-light photography, a large battery and, with the iPhone 13 Pro model, a fast-refresh screen that can be adjusted based on activity.

In fact, the iPhone 13s are so impressive that at first glance they appear to be a significant step up from the iPhone 12 competitors, which were newly released last year and are still among the best phones we've seen. you can buy at the moment.

So should buy iPhone 13 now? Here are the specs on the new iPhone 13 device and the improvements over the iPhone 12.

Specifications

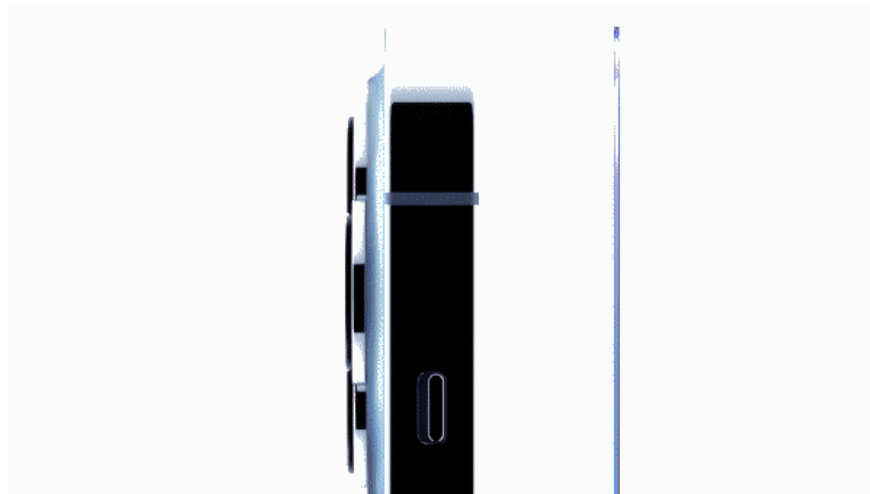


	iPhone 13"	iPhone 12"
Expected price	\$799	\$799
Memory	128GB, 256GB, 512GB	64GB, 128GB, 256GB
Screen size	6.1 inches	6.1 inches
Resolution	2532 x 1170	2532 x 1170
Processor	A15	A14
Rear cameras	12MP main camera (f/1.6); 12MP ultra-wide camera (f/2.4)	12MP main camera (f/1.6), 16MP ultra-wide camera (f/2.4)
Front camera	12MP TrueDepth Camera (f/2.2)	12MP TrueDepth Camera (f/2.2)

Colour	Red, white (Starlight), black (Midnight), blue, pink	White, black, blue, green, purple, red
Size	146.7 x 71.5 x 7.4 mm	146.7 x 71.5 x 7.4 mm
Weight	174g	164g
Water resistance	IP68	IP68

Design and display

From a design standpoint, there isn't much of a difference between the iPhone 13 and the iPhone 12 - other than a very conspicuous difference. That will be the notch (the notch) on the smaller iPhone 13. Other than that, the look and feel of the phones is the same, with the same flat edges and highly durable Ceramic Shield display.



The new models are a bit heavier - possibly because Apple has included a larger battery in the iPhone 13 - and come in new color options: Pink, black (Midnight), white (Starlight), blue, and red (Product) [RED]).

Apple has made major changes to the iPhone 13's display, even though the AMOLED panels used in the iPhone 13 series are the same size as its predecessor. Apple promises the iPhone 13 will have a display that's 28% brighter than the actual iPhone 12's screen. The iPhone 13 can produce up to 800 nits of brightness.

Camera

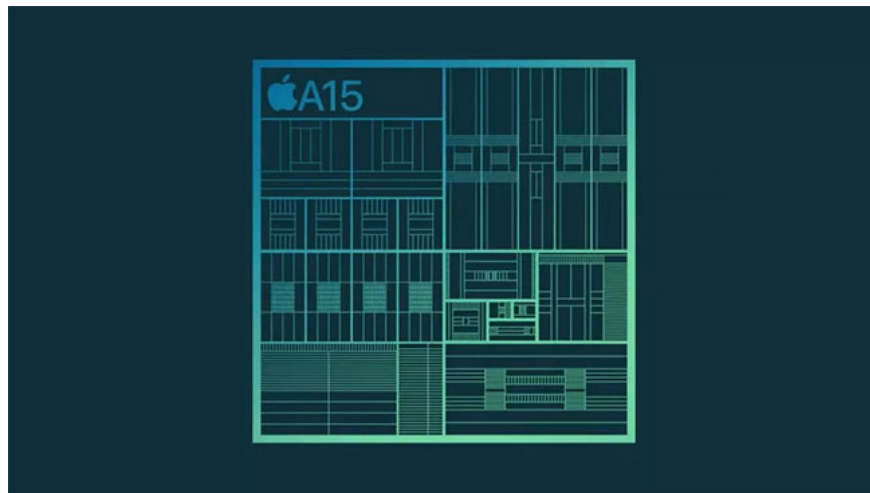
Camera is the main difference between iPhone 13 and iPhone 12, even if the number of lenses is unchanged. That's because what Apple has done with the camera hardware will make the experience completely different on the iPhone 13.



The iPhone 13 is equipped with a 12MP main camera that has the largest sensor ever used in a dual-camera iPhone. This camera will capture 47% more light than the iPhone 12's camera for sharper photos. The iPhone 13 model has the sensor-shift optical image stabilization that Apple added to the iPhone 12 Pro Max last year, along with an ultra-wide lens that promises to bring out better detail in dark areas of the image. Photo.

Performance and 5G . Support

All iPhone 13 models are equipped with the A15 Bionic processor, an upgrade from the A14 Bionic chip found in the iPhone 12.



The iPhone 12 boasts good 5G compatibility, but Apple says the new phone will support even more 5G bands. By the end of the year, Apple says that 5G support on iPhone 13 models will double to more than 200 carriers in 60 countries and regions.

iPhone 13 will come with iOS 15 pre-installed. iPhone 12 models are currently running iOS 14, but they will be able to upgrade to iOS 15 with a software update on September 20.

Battery life and charging method

Apple didn't reveal battery sizes when it announced the new phones, so we can't tell how big the iPhone 13's batteries are compared to the iPhone 12's. But they're certainly larger in size and that should help with battery

life. battery lasts longer. That's a welcome improvement. The iPhone 13 will have an expected 19 hours of battery life (see video), while the iPhone 12 will only last 17 hours.

Charging speed has not changed, still MagSafe 12 - 15W wireless charging and 20W wired charging. Like the iPhone 12, the iPhone 13 models will ship without the included charger.

Conclude

The difference when comparing iPhone 13 and iPhone 12 is quite obvious. Better storage options, faster processors, and camera improvements are enough to make the iPhone 13 an upgrade worth considering. Improved battery life is a big step up from last year's version.

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