

# Comparing iPhone 11, 11 Pro, 11 Pro Max and iPhone XR, XS, XS Max configurations, is it worth the upgrade?

What iPhone are you using and do you plan to upgrade to a new iPhone?

After days of waiting, iPhone 11, 11 Pro, 11 Pro Max (temporarily called iPhone 2019) have been officially launched and attracted the attention of the world as usual. All three iPhone models of 2019 have quite a few changes as well as significant improvements in both hardware configuration and features. The new A13 Bionic processor possesses the "strongest performance ever on a smartphone," the rear camera cluster with more sensors, and a range of smart video-recording features such as Night Mode, smartHDR, Deep Fusion, Cinematic Stabilization, and Audio Zoom.

1. Actual photo of iPhone 11, 11 Pro and 11 Pro Max, expected price in Vietnam from 21.99 million

iPhone 11, iPhone 11 Pro and iPhone 11 Pro Max start at \$ 699, 999 and \$ 1,099 for each version, starting on September 20.



*The 2019 iPhones are great phones and are worth experiencing at the moment*

All three iPhone 2019 models are great phones and are worth experiencing at the moment, that's for sure. However, it's worth spending a relatively large amount of money to upgrade the current device you're using on these newer phones or not, that's another story.

We will not discuss the case of switching from an Android smartphone to iPhone because the experience between these two platforms is completely different, all will depend on your interests and practical needs. But there's a lot to say in case you're looking to upgrade your 2018 iPhone (XR, XS, XS Max) to the 2019 iPhone.

And the bottom line, the question here is with the equipment part. Is it worth the upgrade, hardware, configuration, and additional software features of the 2019 iPhone as Apple introduced? We will learn together shortly.

1. Apple will equip a new coprocessor chip on the iPhone 2019 with many interesting additional features

## **iPhone 2018 and 2019**

1. iPhone 2019 - the re-export scene in the middle of the storm
2. Compare iPhone 2019 and iPhone 2018
3. Is the new iPhone worth upgrading?

## **iPhone 2019 - the re-export scene in the middle of the storm**

Firstly, it is necessary to analyze a little bit about the current market context. Although it has been on the list of the most popular and popular smartphones in the world for many years, the iPhone has faced a challenging market since the end of 2018. when sales continued to decline in many important markets such as China and Europe due to various reasons. This has seriously affected Apple's financial situation because the iPhone has always been a pillar of business, "carrying" revenue for the company.

1. Revealing new Apple Watch patents, have 5G and WiFi?



*iPhone Xs (left) and iPhone 11 Pro Max (right)*

iPhone sales plunged 12% in the third quarter of the fiscal year, resulting in profits expected to drop to \$ 9.6 billion and especially more and more people are inclined to choose to buy a new Android phone model instead of the iPhone. Before the storm of cloudy weather in Cupertino, Apple's new phone models, in particular, the iPhone 2019, are not just new technology products, but also have a mission to revive the business situation. sales of the whole company. In order to do so, they need to be attractive enough to attract new customers, while

prompting iFans to consider upgrading their equipment.

That's not to mention Apple's eternal rival - Samsung, which has recently done very well its plan when it launched the Galaxy Note 10, Note 10 Plus and Note 10 5G - smartphone models hit The price is worth the most today. Of course, the iPhone still has the advantage of stability of the ecosystem as well as a better level of brand recognition, but the situation is still very difficult in general.

1. iOS 13 will be officially released on 9/19, what to prepare before upgrading

## Compare iPhone 2019 and iPhone 2018

Well, 'what is so hard we just temporarily missed', let's try comparing the 2019 iPhone itself with the previous year's predecessors. Improvements in hardware configuration are most noticeable here. All new iPhone models feature a 12-megapixel front-facing camera (upgraded from the previous-generation 7-megapixel lens). In addition, each new iPhone model will also be equipped with a sensor in the rear camera cluster compared to the 2018 version. To see a detailed comparison of the configuration between iPhone 2019 and iPhone 2018, please refer to the table below.

iPhone 11	iPhone 11 Pro	iPhone 11 Pro Max	iPhone XR	iPhone XS	iPhone XS Max	Screen size, resolution
6.1-inch LCD Liquid Retina; 1,792 x 828 pixels	5.8-inch OLED Super Retina XDR; 2,436 x 1,125 pixels	6.5-inch OLED Super Retina XDR; 2,688 x 1,242 pixels	6.1-inch LCD Liquid Retina Display; 1,792 x 828 pixels	5.8-inch OLED Super Retina; 2,436 x 1,125 pixels	6.5-inch Super Retina OLED; 2,688 x 1,242 pixels	<b>Pixel density</b> 326ppi 458ppi 458ppi 326ppi 458ppi 458ppi
<b>Overall dimensions (inches)</b> 5.94 x 2.98 x 0.33in	5.67 x 2.81 x 0.32in	6.22 x 3.06 x 0.32in	5.9 x 3.0 x 0.33in	5.7 x 2.8 x 0.3in	6.2 x 3.0 x 0.3 in	<b>Overall dimensions (millimeters)</b> 150.9 x 75.7 x 8.3mm 144 x 71.4 x 8.1mm 158 x 77.8 x 8.1mm 150.9 x 75.7 x 8.3mm 143.6 x 70.9 x 7.7mm 157.5 x 77.4 x 7.7 mm
<b>Weight (Grams)</b> 194g	188g	226g	194g	177g	208g	<b>Operating system</b> iOS 13 iOS 13 iOS 13 iOS 13 iOS 13 iOS 13
<b>Rear camera with</b> 2 sensors; 12 megapixels (wide), 12 megapixels (super wide)	of 3 sensors; 12 megapixels (wide), 12 megapixels (super wide), 12 megapixels (telephoto)	3 sensors; 12 megapixels (wide), 12 megapixels (super wide), 12 megapixels (telephoto)	1 sensor; 12 megapixels (wide)	2 sensors; 12 megapixels (wide), 12 megapixels (super wide)	2 sensors; 12 megapixels (wide), 12 megapixels (super wide)	<b>front camera with Face ID</b> 12 megapixels with Face ID 12 megapixels with Face ID 7 megapixels with Face ID 7 megapixels with Face ID 7 megapixels with Face ID
<b>Video recording</b> 4K 4K 4K 4K 4K 4K	Apple A13 Bionic	Apple A13 Bionic	Apple A13 Bionic	Apple A12 Bionic	Apple A12 Bionic	<b>Processor</b> Apple A13 Bionic Apple A13 Bionic Apple A13 Bionic Apple A12 Bionic Apple A12 Bionic Apple A12 Bionic
64GB, 128GB, 256GB	64GB, 256GB, 512GB	64GB, 256GB, 512GB	64GB, 256GB, 512GB	64GB, 256GB, 512GB	64GB, 256GB, 512GB	<b>RAM</b> Unannounced Unannounced Unannounced 3GB 4GB 4GB
<b>Expandable storage</b> no no no no no no	<b>Battery life</b> Not revealed, but Apple claims to be 1 hour longer than the undisclosed iPhone XR, but Apple claims it will be 4 hours longer than the undisclosed iPhone XS, but Apple claims it will be 5 hours longer than the iPhone XS Max	2,942 mAh (not officially revealed by Apple)	2,658 mAh (not officially revealed by Apple)	3,174 mAh (not officially revealed by Apple)	<b>Fingerprint sensor</b> None (Face ID) None (Face ID ) None (Face ID) None (Face ID) None (Face ID) None (Face ID)	Lightning Lightning <b>connection</b> Lightning Lightning Lightning Lightning
<b>Headphone jack</b> No No No No No No	<b>Special features</b> Water-resistant (IP68); Support 2 SIM (nano-SIM and e-SIM); Waterproof charger (IP68); Support 2 SIM (nano-SIM and e-SIM); Waterproof charger (IP68); Support 2 SIM (nano-SIM and e-SIM); Waterproof charger (IP67); Support 2 SIM (nano-SIM and e-SIM); Waterproof charger (IP68); Support 2 SIM (nano-SIM and e-SIM); Waterproof charger (IP68); Support 2 SIM (nano-SIM and e-SIM); Wireless charger	<b>Price now</b> USD 699 (64GB), USD 749 (128GB), USD 849 (256GB)	999 USD (64GB), USD 1,149 (256GB), USD 1,349 (512GB)			

1,099 USD (64GB), 1,249 USD (256GB), 1,449 USD (512GB)

Has Drops to: 599 USD (64 GB), 649 USD (128 GB) Has stopped selling. Price at launch: 999 USD (64GB), 1,149 USD (256GB), 1,349 USD (512GB) Discontinued. Price at launch: 1,099 USD (64 GB), 1,249 USD (256 GB), 1,449 USD (512 GB)

1. Can Apple release an iPhone SE model no more than \$ 400 next year?



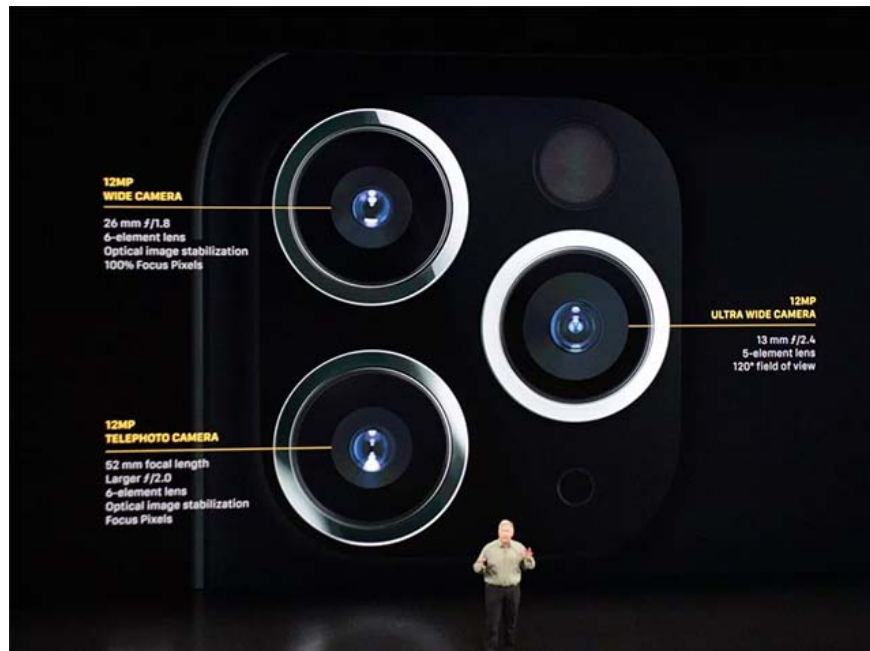
*The new iPhone models are equipped with Apple hardware upgrades*

## **Is the new iPhone worth upgrading?**

Thus, in terms of hardware configuration, it is clear that the 2019 iPhone is a relatively clear upgrade compared to its predecessor. Many of the basic elements that make a phone experience such as performance, photography, battery life, and a few other tweaks on the iPhone 2019 are better, but the reality is that say the difference won't be too big - except for the ability to take photos. So if you're particularly interested in smartphone photography, the 2019 iPhones are worth upgrading.

Unfortunately, this is the only (configuration) factor that convinced me to upgrade to the new iPhone. Obviously, factors related to other hardware configurations on iPhone 2018 such as CPU, GPU, RAM, Rom, screen quality . can completely guarantee the long-term needs of the majority of universal users. pine in the next 2-3 years.

1. Apple counts Android world for mobile photography with a host of quality additions to the iPhone 11



*If you're particularly interested in photography, it's worth upgrading to the 2019 iPhone*

In summary, if only in terms of hardware configuration, perhaps upgrading from iPhone 2018 to 2019 is not necessary. Instead, you can wait for the 2020 iPhone with more quality additions like 5G or an in-display fingerprint sensor.

But to say it again, if you are an enthusiastic iFan, always want to experience the latest products, high demand for photography, or simply your work requires you to own. The latest and greatest iPhone, obviously upgrading to a new iPhone is the right thing to do.

Overall, it will still depend on the actual needs and financial potential of each individual.

What iPhone are you using and do you plan to upgrade to a new iPhone? Please leave your comments!

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