

# Samsung Galaxy S10 is a great product, but is it worth the upgrade?

On February 21, Samsung officially introduced its new line of smart phones to the new Galaxy S10 at the Unpacked 2019 event ...

On February 21, Samsung officially introduced its flagship smartphone lineup at the new Galaxy S10 at the Unpacked 2019 event, containing all the interesting things you can expect from a manufacturer. great. However, if you are or have ever owned one of the other flagship models that Samsung has released in the last 1 or 2 years like Galaxy S8, S8 Plus, S9 or S9 Plus, now is the right time to Sit down, take a breath and think carefully about whether it's time to upgrade your old phone to the Galaxy S10.

Any upgrade is the same, there are many factors that need to be weighed to bring the best financial performance. For example, is the design and screen of the new phone better than the current model you are using? Will the camera give better quality photos? Is the battery life much improved, as you expect? Or does this device have any new features you really want? These are just a few of the dozens of questions you will have to answer before deciding to upgrade to a newer phone.



Going back to our case, now you have to thoroughly understand the new Galaxy S10 and S10 Plus to see what improvements these two products contain, what is more valuable than the predecessor models (currently There is also a low-end model of the Galaxy S10E, which is not suitable for this comparison but it is worth considering if you are a loyal fan of Samsung while the investment budget to upgrade the machine is not too Surplus).

Note that below are just specs based on specifications, you should also wait and refer to the detailed reviews as well as the professional experience of the experts, probably in a few days. . However, analyzing the differences in specifications will be a prerequisite to help you decide whether to invest in a new phone or are satisfied with what you have. Please come to the following specific situations.

1. Summarize the content that Samsung announced at the Galaxy Unpacked 2019 event

## Upgrade to Galaxy S10?

1. If you want a larger display space, upgrade to Galaxy S10
2. Improved design
3. Want a bigger storage space?
4. What about battery life?
5. Do you want to own a better camera?
6. What is your final decision?

## If you want a larger display space, upgrade to Galaxy S10

When introduced two years ago, the Galaxy S8 and S8 Plus made quite a buzz with the Infinity screen technology (infinity display), giving an 18.5: 9 display ratio on 5.8-inch and 6.2-inch screens. This screen size makes the display space as stretched, narrower, suitable for tasks such as surfing the web, watching entertainment videos. When the Galaxy S9 and S9 Plus were released, the screen size and aspect ratio were basically the same as the predecessor, but were optimized for better bezel edges, increasing the screen / front area ratio. , while reducing the overall size of the machine.



However, on the Galaxy S10 and S10 Plus, the story is completely different. The S10 has a 6.1-inch screen - nearly as big as the previous Plus models - with an aspect ratio of 19: 9, while the S10 Plus's screen measures 6.4 inches, equivalent to a phablet. More importantly, the 'screen punch' technology only dotted a tiny black dot for the sensor cluster and the front camera, allowing these products to have a higher screen coverage ratio on the

front. counting, up to more than 93%. It can be said that this is the largest screen performance ever, considering both size and coverage.

If the screen size is not large enough, you can wait for the upcoming Galaxy S10 5G model and is expected to own a 6.7 inch screen. Or if your wallet is full, you can also think of Galaxy Fold, the world's first commercial folding smartphone, that can flexibly switch between a 4.6-inch smartphone and a 7.3-inch tablet with just a few. Simple Fold. The Galaxy Fold will be officially released on April 26th.

One plus point on Samsung's newer products that you need to keep in mind is that although the screen is bigger than the old one, the overall size of the phone doesn't change much or even even more compact - largely due to the manufacturer's very good screen optimization capabilities. In fact, the 5.9 x 2.77 x 0.30 inch (S10) and 6.20 x 2.91 x 0.30 inch (S10 Plus) specs have shown that the two new phones are about the same size as the S8 and S8 Plus, just bigger than one. bit compared to the S9 and S9 Plus, while owning a much larger screen.



In addition, it should be added that the weights of the S10 and S10 Plus are slightly lighter than their predecessors, namely 156gram (S10) compared to 163gram (S9), and 175gram (S10 +) compared to 189gram (S9 +).

Besides screen size, resolution is also an indispensable factor. While the S8 and S9 series have a resolution of 2960 x 1440, the S10 and S10 Plus will have a resolution of 3040 x 1440 QHD +. All 3 screens of the 3 S10 models are bright, sharp, and brilliant, but S10e is less sharp because it uses only Full HD panels instead of Quad HD, and the S10e itself does not bend. toward the edge of the machine like the other two models.

In summary in this category, it can be concluded that upgrading to S10 and S10 Plus is perfectly reasonable if you want to own a larger and sharper screen.

1. Compare Galaxy S10E and iPhone XR: Where is the flagship model worth spending?

## Improved design

If you are interested in the smartphone market, it is not difficult for you to realize that from behind Galaxy S5, Samsung has completely changed its design philosophy for the S series. They are very hard to change, the appearance of these Galaxy S is always upgraded, improved year by year and Galaxy S10 is no exception.



Like the Galaxy S9, both new S10 devices have curved top and bottom edges, 3D glasses, USB-C charging ports and thank goodness! The 3.5mm headphone jack has not been removed yet. The dedicated Bixby boot button, too, is still there, but has been reprogrammed in a smarter way. However, there are still some major design changes that we must mention.

In both phones Galaxy S8 and S9, fingerprint sensor is still the traditional type placed on the back, close to the camera cluster, making users encounter many difficulties in operation and this minus point has also helped 'Samsung received a lot of' stone tiles' from users. Finally after 2 years of receiving 'enough bricks' to build a new headquarters, they also changed this detail, and even changed it thoroughly and excelled. The Galaxy S10 has completely removed the fingerprint sensor on the back, in return, the new ultrasonic fingerprint technology has been integrated straight into the front screen - helping to set a new standard for electric unlocking. The phone is more effective and something 'more artistic', 'more elegant'.



Samsung is one of the few phone manufacturers that can increase their screen size without adding or removing any area to make room for the front camera.

In general, on the outside appearance, Galaxy S10 still exudes a luxurious "spirit", "fine scallop", slender and glamorous tradition that Samsung has tried to build from Galaxy S6. Not to say that this is not only a phone, but it is also a technology jewelry that helps you make a difference in the crowd.

1. Samsung introduced Bixby Routines, AI technology that can learn habits and anticipate user needs

## Want a bigger storage space?

You need more storage space? Galaxy S10 is the largest integrated memory smartphone on the market today. If you are using S8 or S9 (or Plus version), then with a minimum of 64GB of storage, I bet you have taken no time to consider what to keep, delete something to Create the necessary storage space needed in emergency situations (video recording, application updates). Galaxy S10 will 'pay' quickly this issue for you. Galaxy S10 starts with a minimum storage capacity of 128GB and has a 512GB version. The S10 Plus even offers twice the amount of storage space, along with an incredible version, up to 1TB.



It's about storage space (ROM), and for random access memory (RAM), Samsung has also done an 'extremely powerful' upgrade phase. While the Galaxy S8 and S9 come with 4GB of RAM (S9 Plus provides 6GB of RAM), the S10 and S10 plus are all equipped with 8GB RAM, and the 1TB version of the S10 Plus will also be equipped with up to 12GB of RAM, not inferior to the most advanced laptop models today. Such amount of RAM ensures gaming ability as well as multitasking 'not thinking' on Galaxy S10.

1. Configuration and price of Galaxy S10 trio, Samsung's super series has just officially launched

## What about battery life?

All processing power, sharp screen or a good gaming experience all need a good battery life. If you own S8 or S9, it is also known how powerful the 3,000mAh battery (S8 Plus and S9 Plus is 3,500mAh) on these two devices. As for the Galaxy S10 and S10 Plus, although there are no specific battery reviews, if we look at the parameters, we can see the obvious improvement, with S10 is 3400mAh, while the S10 Plus goes Comes with a

powerful 4.100mAh battery. However, if you think about upgrading, you should also think about how this battery will work after a few years of use. For this, you can refer to the results with S8 and S9.

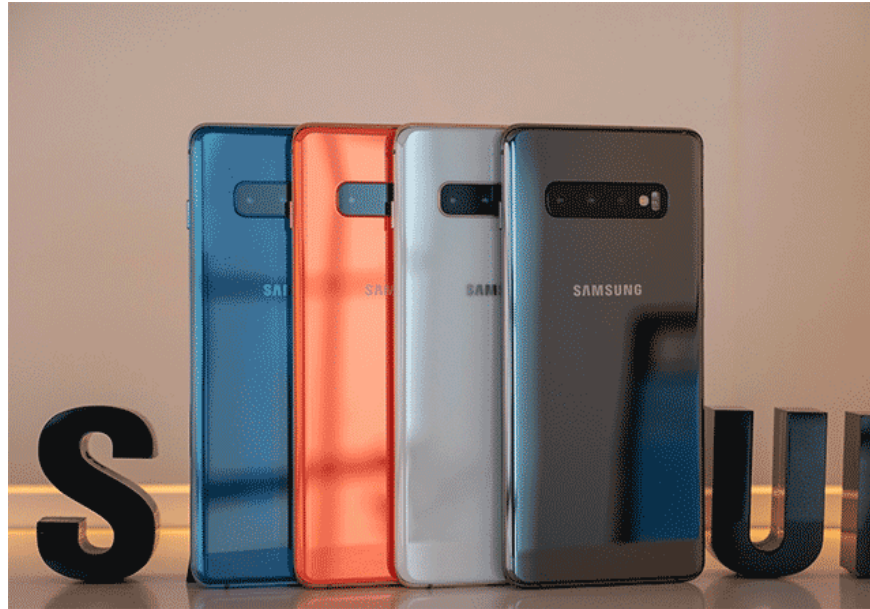


Speaking of charging technology, the new Galaxy S10 will be equipped with backward compatible wireless charging technology, which means you can use this phone directly to charge headphones or other devices that support wireless charging. . Of course this is not really a good reason to upgrade, but it will definitely be worth considering.

1. Samsung launched Galaxy Fold, 7.3inch folding screen smartphone, 12GB RAM

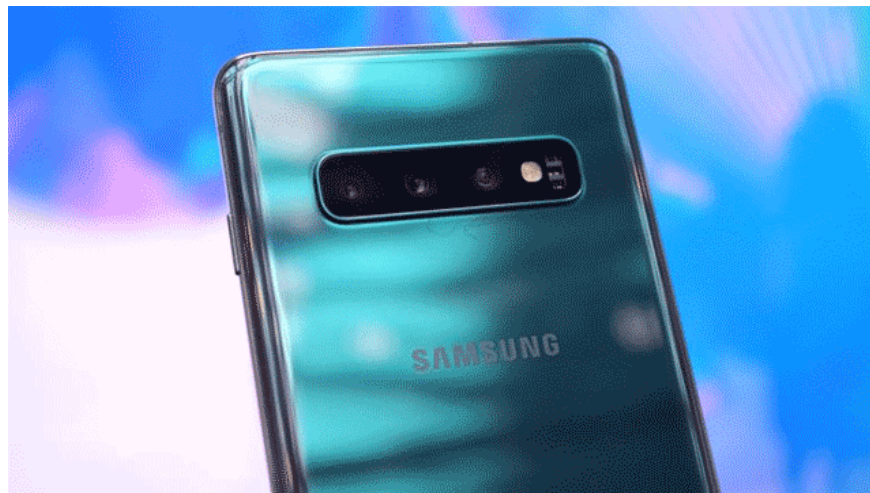
## **Do you want to own a better camera?**

Camera is one of the most improved and upgraded features on smartphones. Therefore, hardware and software improvements to the phone's camera are also a good reason for many people to decide to upgrade their equipment. The sensors in the rear camera cluster on many of the top Samsung smartphones were often highly appreciated. The Galaxy S8 and S8 Plus have proven their power with the 12 megapixel dual camera cluster, the f / 1.7 aperture. Galaxy S9 Plus has also lifted the 'mobile photography' range of smartphones with a dual camera system including a 12 megapixel wide-angle lens with a f / 1.5 and f / 2.4 wide aperture, along with a 12 megapixel telephoto lens. f / 2.4.



Following that tradition, this year Samsung has made some noticeable improvements to the camera cluster on the S10 as well as the S10 Plus. Both devices are equipped with Samsung's new 3 (triple-camera) camera system, made up of 1 12 megapixel  $f / 2.4$  telephoto lens, 1 12 megapixel  $f / 1.5$  wide-angle lens and finally the lens for ultra-wide angle 16 megapixel  $f / 2.2$  (up to 123 degrees, more than the human eye). Besides, the S10 and S10 Plus both have 10 megapixel  $f / 1.9$  sensors on the front, with the S10 Plus will have an 8 megapixel  $f / 2.2$  sensor.

At the same time, the ability to shoot 4k videos, along with artificial intelligence, make Skin Optimizer, help to automatically recognize the surrounding landscape to support the most realistic works, the software elements are also typed. very high price.



In short, if you are interested in the ability to take pictures on mobile devices, upgrading to Galaxy S10 and S10 Plus is worth considering.

1. Top best photography smartphone in 2018

## What is your final decision?

If you want a bigger, sharper screen, more comfortable storage, better battery and camera as well as a more innovative design, the answer is probably: SHOULD BE UPGRADED! However, there is still the first and most important issue that you must consider, which is the selling price.



These are all high-end phones and they are being sold at very high prices. Galaxy S10e is expected to cost 699 USD (about 16.3 million VND), Galaxy S10 will start at 899 USD (about 20.9 million VND) and Galaxy S10 + from 999 USD (about 23.3 million VND) for RAM and memory options the shortest. The most advanced version of Galaxy S10 + (1TB memory, 12GB RAM) can be up to 1,500 USD (about 34.9 million VND). These are all small numbers, consider carefully before withdrawing your purse.

If, after this article, it is still not possible to decide whether to upgrade to S10, you can wait for the expert's full experience review, likely to appear only in one or two more weeks. At that time, if the actual test showed that the Galaxy S10 and S10 Plus met all the promises Samsung had made, it was much easier to decide whether to upgrade.

Wishing you the best choice!

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