

Review Samsung Galaxy S20: First 5G phone in 2020

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The Samsung Galaxy S20 is a major upgrade if you like 5G phones. The phone is cheaper and smaller than the Galaxy S20 Plus or Galaxy S20 Ultra.

You should choose Samsung Galaxy S20, if you want to try the new technology that Samsung provides. You can use the Ultra if you want more memory or a 108MP camera, but for everyday use, the S20 will suit most people.

Along **TipsMake.com** evaluate more details about Samsung Galaxy S20 through the following article.

Specifications of Samsung Galaxy S20



Samsung Galaxy S20

1. Weight: 163g
2. Dimensions: 151.7 x 69.1 x 7.9mm
3. Operating system: Android 10
4. Screen size: 6.2 inches
5. Resolution: QHD + (563ppi)
6. Refresh rate: 120Hz
7. RAM: 8GB / 12GB
8. Memory: 128GB + microSD
9. Battery: 4,000mAh

10. Rear Camera: 12MP + 12MP + 64MP
11. Front camera: 10MP

Big screen, but more compact when holding

1. There is no headphone jack
2. Big camera on the back
3. Big screen, QHD +, 120Hz, HDR10 +

The Galaxy S20 has a 6.2-inch screen, providing a larger screen area of ??exactly 0.1 inches compared to last year's 6.1-inch S10. This phone does not significantly change the overall size and its maximum resolution remains the same as the recent Samsung Galaxy S models.



Big screen, but more compact when holding

Samsung still offers the default Full HD + resolution (2220 x 1080), which looks sharp enough for most tasks and saves battery power.

The new 120Hz refresh rate is not compatible with WQHD + and the leap from 60Hz to 120Hz is of great significance for a smoother gaming experience or web surfing.

The S20 has also improved the touch sensitivity to 240Hz to make games react faster. The Samsung Galaxy S20 is thinner than the S10. New phones get extra height, with a 20: 9 aspect ratio.

The S20 series is Samsung's first S line without a headphone jack. The only port on this device is a USB-C port.

The camera is really upgraded

1. There are 3 cameras, including a 64MP sensor
2. 8K video recording
3. 10x digital zoom capability, improve low light photos



The camera is really upgraded

The Galaxy S20 is poised to offer the biggest camera upgrade of the year, since the Galaxy S7 replaced the S6, and that is largely related to the fact that all three rear cameras have a larger sensor.

They are arguably the most important hardware factor that governs image quality, due to the fact that smartphone cameras often have small sensors.

The main camera, still 12MP, has an aperture of $f / 1.8$. Theoretically inferior to the dual aperture of the S10, $f / 1.5 + f / 2.4$, varies depending on lighting conditions. But Samsung has increased the size of individual pixels from 1.4 microns to 1.8 microns. Combined with the larger sensor, you get more detail and light on the Galaxy S20.

The same thing happens with the new 64MP telephoto camera, which looks like a major upgrade over last year's 12MP telephoto camera.

The Galaxy S20's ultra-wide camera, 12MP, has changed at least, but it also has larger sensors and pixels (1.4 microns compared to 1 micron in last year's model), with the same $f / 2.2$ aperture. . That will make your ultra-wide camera photos so much better, even if the S10 has an ultra-wide 16MP camera.

The Galaxy S20 has taken a new step with the introduction of 8K video recording and anti-shake correction (part of the Super Steady feature).

8K recording, limited to 24 frames per second, has a great benefit. You can trim and edit videos without losing quality, if exported to 4K or 1080p.

Samsung's powerful yet easy-to-use camera app, continues to be the best option among smartphones.

You can swipe anywhere on the screen to switch between the front and rear cameras, perform hand gestures to activate the selfie camera timer, etc.

New here is the 'Single-take Mode', which rotates through all three rear cameras in 10 seconds to take multiple photos and videos.

5G standard

Galaxy S20 is the first opportunity for consumers to get 5G on their smartphones. Only 1% of smartphones shipped in 2019 are 5G phones, and most are just expensive variants of the 4G flagship.

The S20 is a 5G-enabled flagship phone by default, and its download speed will average around 200Mbps, which is 6 times greater than 4G speeds in some parts of the world.

Better battery

1. Larger battery (4,000 mAh)
2. Support fast and wireless charging
3. Includes Wireless Powershare feature



Better battery

One more thing you need to know about 5G, is that this new technology consumes awful battery. So Samsung has equipped the Galaxy S20 with a 4,000mAh battery, which is much larger than the 3,400mAh capacity on the S10.

The rest of the specs include a 7nm chipset, 12GB of RAM and 128GB of internal memory, with a microSD card slot for expansion up to 1TB.

The Super Fast charging feature is back on the S20 series (first seen on Note 10) and you get the included 25W charger.

The S20 is also compatible with wireless charging, up to 15W, and you can wirelessly charge other Qi-capable devices, like the new Samsung Galaxy Buds and Samsung Galaxy Buds +.

1. Wireless reverse charging for other devices on Samsung Galaxy S10

According to Samsung, you can make Full HD chats and video calls with up to 8 people.

Conclude

The Galaxy S20 will do more to usher in the 5G era than any previous smartphone. The Samsung Galaxy S20 will be the first 5G phone for many. This is a leap forward compared to the S10.

Advantages

1. Upgraded camera promising
2. The best Samsung display ever
3. Fast 5G download speed

Defect

1. More expensive than S20e
2. Not the best product in S20 series

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