

Compare Galaxy Tab S6 and iPad Pro

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Apple has long been no longer the only tablet manufacturer, and rival Samsung also has many outstanding products in the same line. The Samsung Galaxy Tab S6 also comes with a keyboard, which helps the device compete directly with the iPad Pro with the goal to suit the job.

Size and screen

If only in terms of physical size, Samsung products own 10.5-inch screens, smaller than the 11-inch and 12.9-inch iPad Pro versions. No matter the length, width or thickness, Samsung is still the smallest of all (Galaxy Tab S6 is 5.7mm thick and iPad Pro is 5.9mm thick). In terms of volume is no exception. The 12-inch iPad Pro weighs 641g while the Galaxy Tab S6 has only 420g.

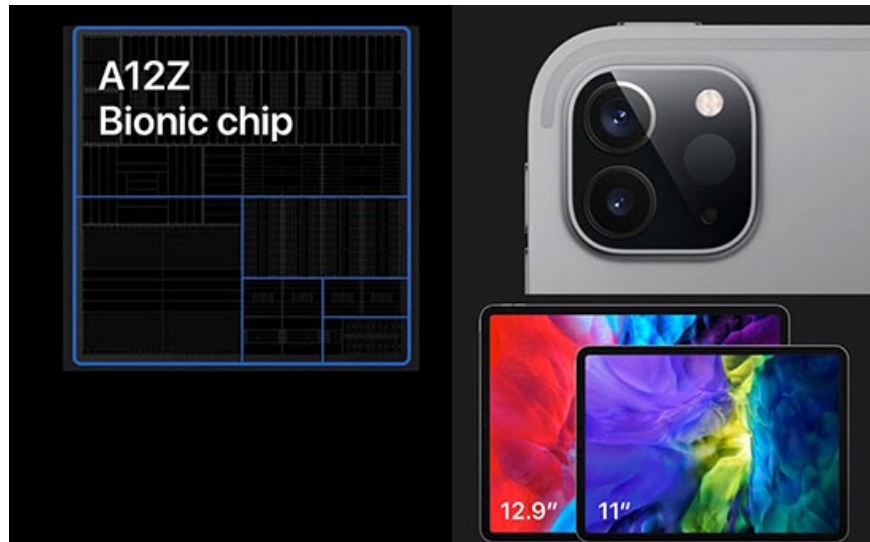


Size of two devices when they are next to each other

Besides size, Samsung is also the leader in resolution. Bringing 2560 x 1600 pixels images to the Super AMOLED screen, Galaxy Tab S6 gives a pixel density of 287 pixels per inch. The 11-inch and 12.9-inch Liquid Retina displays of the iPad Pro only stop at 264 ppi, but with a larger size, the 12.9-inch version allows for large-resolution 2732 x 2048 images.

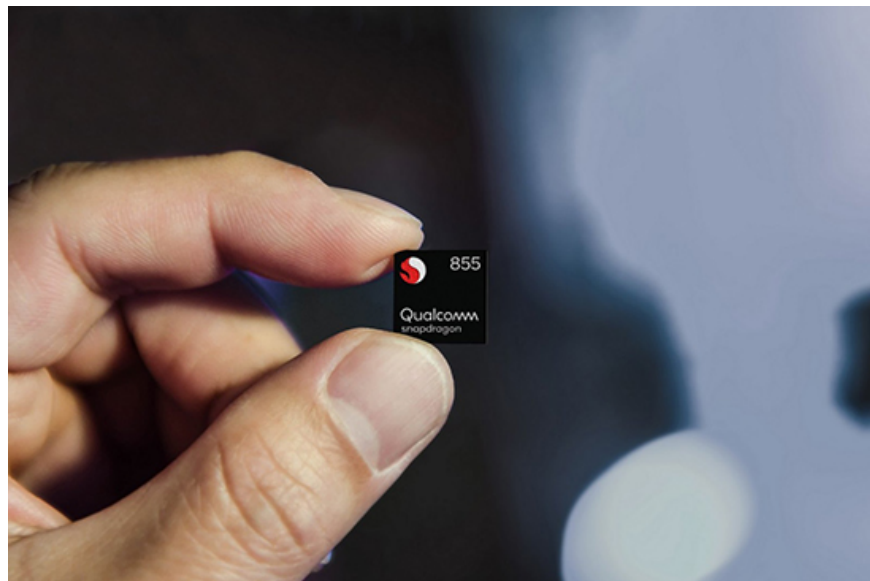
Efficiency

The iPad Pro 2020 has a faster chip than the previous generation, although the A12Z Bionic system chip is a recreation of A12X in 2018. According to Geekbench, its single-core benchmark score is 1117 and multi-core is 4690. when testing.



iPad Pro uses A12Z chip

For comparison, the Qualcomm Snapdragon 855 chip used on the Galaxy Tab S6 only achieved a single-core benchmark of 713 and multi-core of 2460. Apple's processor is much faster than the chip equipped by Samsung on the tablet.



Qualcomm Snapdragon 855 chip of Galaxy Tab S6

Camera

Both Samsung and Apple have excellent camera clusters. Galaxy Tab S6 is equipped with Samsung dual camera including two lenses Wide and UltraWide, image sensor respectively 13 MP and 5 MP, suitable for most

applications.

As for the iPad Pro, Apple is equipped with a duo of sensors Wide 12 MP and UltraWide 10 MP. At the back there is a LiDAR sensor for deeper imaging, suitable for both casual photography or photography through existing applications.



Camera cluster of iPad Pro

For the front camera, the results are quite similar. Samsung has a standard 8 MP camera while Apple uses a 7 MP TrueDepth camera. Apple's solution is low-resolution, but can read facial details to enable Face ID, while Samsung doesn't.



Galaxy Tab S6 camera cluster

As for video, both devices can shoot 4K quality movies.

Other function

Both have good connectivity, including dual-band WiFi (Apple has supported WiFi 6 802.11ax while Samsung still uses 802.11ac), Bluetooth 5.0 and LTE connectivity.

The Galaxy Tab S6 and iPad Pro both have four speakers. Samsung is supported by Dolby Atmos and AKG.

The Galaxy Tab S6 has a 7040 mAh battery, while the two iPad Pros have 28.65 Wh and 36.71 Wh. Because of many practical uses, it's hard to quantify which one has a better battery mode, but in general, both devices have a long life after each charge.

Although there is no Face ID security, Samsung still has many other ways for users to protect the device such as PINs, passwords and drawings. In terms of biometrics, Samsung still has face recognition, though not as accurate as Face ID as well as the in-screen fingerprint sensor.

Apple offers three memory options, starting from 128GB up to 1TB. Samsung has only two options: 128GB and 256GB of internal memory, but this device can use an external microSD card.

The price of two products

For tablets only, Samsung sells the Galaxy Tab S6 for an initial price of \$ 649.99 with 128GB, and \$ 729.99 for 256GB, without LTE.

With the 11-inch model of iPad Pro, the initial price is \$ 799 and rises to \$ 999 for the 12.9-inch version. You have to pay an extra \$ 100 if you want to upgrade the memory from 128GB to 256GB and want 1TB memory, you have to add \$ 500 to the initial cost. The version with mobile data will cost you an additional \$ 250.

Accessories included

Both Samsung and Apple have plenty of keyboard accessories that fit the device.

Apple has a Magic Keyboard, keyboard with scissor mechanism, full of keys, backlight and trackpad integrated with the keyboard. This is an uncommon keyboard design for tablets, so Apple offers a high price of \$ 299 or \$ 349 depending on the size of iPad Pro you're using.



Magic Keyboard for Apple iPad Pro

On the Samsung side is BookCover Keyboard. The keyboard attaches to a device by magnets and has a flip base. Like the Magic Keyboard, it is sold separately for \$ 199.



BookCover keyboard by Samsung

However, Samsung has the plus point is that the S-Pen pen comes with the tablet. Apple requires users to buy a second-generation Apple Pencil if needed, and the price of the pen is \$ 129.

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