

Samsung unveiled Galaxy Book S, an ultra-thin laptop with a long battery life

Galaxy Book S is a Windows 10 laptop model aimed at the high-end segment.

Galaxy Unpacked event 2019 is taking place in Brooklyn, New York. True to tradition every year, Samsung has revealed a lot of interesting information about new products that will hit the market in the near future.

The lack of news about the smartphone series to be released at the end of 2019 shopping at this year's event has caused many people to be disappointed. However, producer Kim Chi has won the fans and tech lovers around the world by introducing an extremely interesting product, the Samsung Galaxy Book S, which is a laptop-oriented. to exchange office users with elegant design, ultra-thin, and impressive battery life, up to 23 hours.

1. iPhone users tend to switch to Samsung smartphones



Galaxy Book S is a Windows 10 laptop model aimed at the high-end segment

Basically, Galaxy Book S is a Windows 10 laptop model aimed at the high-end segment with slim and light clamshell design, which at first reminds of 2-in-1 laptop products like the Surface Pro line of Microsoft. However, unlike the Surface Pro, Galaxy Book S cannot be converted to tablet mode, ie the keyboard and screen will not be removable.

Although possessing a flexible, lightweight design (13.3-inch screen, weighing only 0.95kg), Galaxy Book S's hardware power is not inferior to its competitors. The product is equipped with a stand and keyboard with full backlight, 10-point touch screen, USB-C charging port and multi-core Qualcomm processor chip, combined with LPDDR4X 8GB RAM . all packed in a monolithic aluminum frame is processed by Anodized aluminum technology (electrolytic anode), giving a sense of luxury and extreme durability.

In terms of entertainment gadgets, Galaxy Book S is equipped with Gigabit LTE Cat18 connectivity and 'studio quality' stereo speakers, which are tuned directly by the famous sound company AKG, along with Dolby technology. Atmos sound is an emulator dome, not to mention camera and fingerprint sensor that are effectively compatible with Windows Hello.

1. Invite to admire the Samsung Galaxy Stick concept with a polar scrolling screen like LG's TV



Expected, compact, light, and impressive battery life is the "money" factor on the Galaxy Book S

This is the most impressive part on the product. Thanks to Samsung's excellent software and hardware optimization capabilities, the 42Wh battery (USB Power Delivery 2.0 and Quick Charge 2.0 support) on the Galaxy Book S can provide 23 hours of continuous use. in a full charge of the battery. Of course this is just a data according to the manufacturer's statement, the actual use may not be so, in addition to depending on the specific task you handle. However, we can trust a battery with a very good time on Galaxy Book S - especially suitable for people who work in a fixed way, often have to move.

Due to being priced in the high-end segment, Galaxy Book S will have a starting price of 999 USD and will be officially released in September. There are 2 storage options: 256GB and 512GB (expandable via microSD memory card up to 1TB), comes with two unique color options: Earth gold and mercury gray.

1. Surface Centaurus - Microsoft's new hope in the folding screen device market?



Book S owns 40% larger CPU performance, 80% larger graphics performance than its predecessor Book2.

Above are some basic information about Samsung's promising new laptop, now it's time to say more about the chip is quite strange on this product.

Not as traditional as Intel, Samsung chose a chip from Qualcomm to equip its important products, and of course all had a reason.

This is a 64-bit Octa-core processor, clocked at 2.84 GHz, developed and operating based on Qualcomm's Snapdragon 8cx platform (Qualcomm's first 7nm CPU). The Kryo 495 cores inside the chip are paired with 10MB cache and promise a 50% higher maintenance performance at TDP 7 watts compared to Intel's 15-watt U-series chip. For GPUs, it supports Adreno 680 Extreme, supports the latest DirectX 12 API, boasts a 128-bit wide memory interface and is able to weigh two removable screens at 4K HDR resolution, along with that. is the ability to play 4K HDR videos up to 120FPS.

Samsung said that Book S offers 40% greater CPU performance, 80% greater graphics performance and significantly more memory bandwidth than its predecessor Book2.

Some similarities between the 8cc and Snapdragon 855 chipsets on mobile devices include Wi-Fi 6 (802.11ax) and Bluetooth 5 wireless cores, along with the quiz is a Hexagon digital signal processor. 690 and on-chip security features. In addition, both of these chips are also integrated with Snapdragon X24 LTE modem for mobile data transfer speeds of up to 2Gbps, which can also be considered a big step forward on laptops.

1. This is the world's first Lenovo ThinkPad X1 folding screen computer



Galaxy S Book is arguably the best successor version of Galaxy Book2

Not stopping there, Snapdragon 8cx supports professional-level storage solutions including NVMe SSI and UFS 3.0. It owns a second-generation USB 3.1, third-generation PCI-Express and uses fast charging technology QuickCharge 4+. It's also worth mentioning the Qualcomm Aqstic audio utility, including the ability to support streaming music wirelessly through a high-resolution Bluetooth connection, along with the ability to operate in low power mode with the Voice assistants include Amazon Alexa and Microsoft Cortana.

Some other things to note include compatibility with Wi-Fi 802.11 a / b / g / n / ac (2.4 / 5GHz), Bluetooth 5.0, and GPS.

1. The best computers for students in 2019

Galaxy Book2

Thus, the launch of the Galaxy Book S took place only about a year after Samsung officially launched Galaxy Book2, a super portable Windows PC is priced at 999 USD, but only uses the chip. Technically, it's the successor of the Galaxy Book, which was released in February 2017, but doesn't seem to be as successful as the Korean manufacturer expected.

Book2 runs Windows 10 in S mode, a shortened version of Microsoft operating system, which can only run applications from Windows Store - namely Universal Windows Platform (UWP) application and Win32 application that Microsoft has approved. Specific browsing (including, but not limited to, Microsoft Office). Of course, you can upgrade to Windows 10 for free, but that's just a simulation experience.

1. Invite to admire the series of ultra-unique dual screen laptop of the big guys in the technology village



Galaxy Book2 has not been as successful as Samsung expected.

Detailed configuration of Samsung Galaxy Book S:

1. CPU: Qualcomm Snapdragon 8cx, clocked at 1.8GHz (eight, 7nm, 64 bit; maximum 2.84GHz)
2. RAM memory: 8GB LPDDR4X
3. Storage memory (ROM): 256GB - 512GB SSD, can expand up to 1TB via microSD
4. Operating system: Windows 10 Home or Pro
5. Display: 13.3 inch FHD TFT touch screen (1,920 x 1,080) (16: 9)
6. Connection port: 2 x USB-C 3.1, microSD reader, 3.5 mm audio jack
7. Connection: Wi-Fi 802.11ac (2.4 / 5GHz; MU-MIMO), Bluetooth 5.0
8. Camera: 720p HD webcam
9. Weight: 0.95kg

Show details of the selling price for each option and the specific launch date still cured by Samsung.

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