

Review Notebook 9 Pro: Performance, battery life and good price

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Configuration options and prices of Samsung Notebook 9 Pro

The article tested the basic model of Samsung Notebook 9 Pro, which costs \$ 1099, comes with an Intel Core i7-8565U processor, 8GB of RAM, a 256GB SSD and an Intel UHD 620 GPU. Another Notebook 9 Pro model costs \$ 1299 (nearly 30 million), equipped with 16GB RAM and 512GB SSD drive.

Technical data

Brand Samsung CPU Intel Core i7-8565U Processor 13.3 inch screen size Intel GPU graphics card UHD 620
SSD hard drive capacity 256GB Highest available resolution 1920 x 1080 Native resolution 1920 x 1080
Operating system Windows 10 RAM 8GB Size 31 x 21 x 1.4cm Touchpad Size 12 x 6.4cm USB Port 3
Warranty / Support 1-Year Warranty Weight 1.2kg

Design about Notebook 9 Pro



Samsung Notebook 9 Pro

The Samsung Notebook 9 Pro has a silver aluminum frame with the Samsung logo on it (simple design, but still looks very premium).

The inside of Notebook 9 Pro is very similar to the design of the MacBook. It's nice to see the webcam placed on the head comes with thin bezels.

The Samsung Notebook 9 Pro is also lighter and thinner than its ultraportables.

Gate on Notebook 9 Pro



Samsung Notebook 9 Pro has ports that fit in size

Samsung Notebook 9 Pro has ports that fit in size, and it's great to see a USB Type-A port.

On the left, there's a headphone jack and two Thunderbolt 3 ports, while on the right, there's a USB Type-C charging port, a power button, and a microSD card slot.

Reviews Screen Notebook 9 Pro



The Samsung Notebook 9 Pro's 13.3-inch, 1920 x 1080 display is very sharp

The Samsung Notebook 9 Pro's 13.3-inch, 1920 x 1080 display is very sharp and offers a variety of colors, but is a bit dim. The Samsung Notebook 9 Pro panel reaches 118% of the sRGB spectrum, which is equivalent to the average of a high-end laptop, beating the Yoga C930 (100%), but not as vivid as the Specter x360 (150%) and Huawei MateBook 13 (122%).

At 254 nits, the Samsung Notebook 9 Pro's screen is uncomfortably dim, as it's below the 328 nit average.

Keyboard, touchpad and stylus

Despite the low mobility, the keys of the Samsung Notebook 9 Pro still have a good bounce. The keys are equidistant from each other, but have a slightly dimmer backlight.



The keys of Samsung Notebook 9 Pro have good bounce

Samsung Notebook 9 Pro comes with the Active Pen included. This stylus has 4,096 levels of pressure sensitivity. The button near the tip of the pen acts as an eraser, while the other button performs the right-clicking and selecting functions. Unfortunately, they can't be reprogrammed and there's no slot for pen placement.

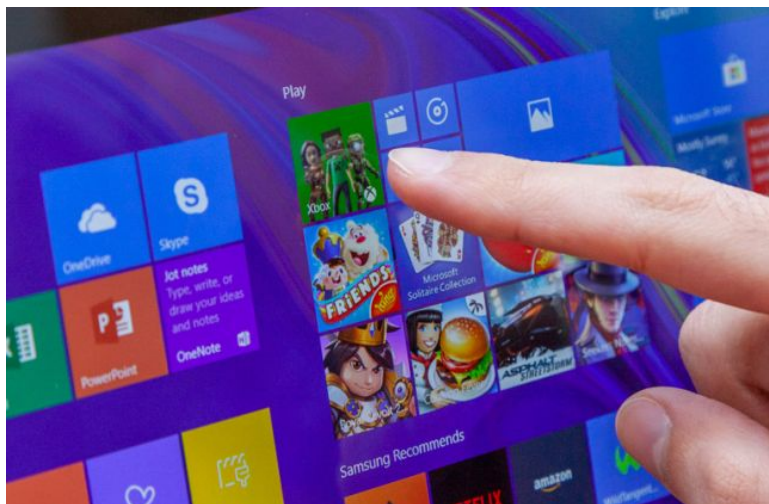
12 x 6.4cm touchpad is very comfortable to use. The trackpad also responds to Windows 10 gestures such as two-finger scrolling and three-finger press.

Sound of Notebook 9 Pro

The speakers on Notebook 9 Pro are loud enough to play music in a small office, but aren't the best sounding options.

In the **Samsung Settings** app, you can adjust the sound with two presets, **Music** and **Movies** , but the **Standard** level sounds the most balanced.

Efficiency evaluate of Notebook 9 Pro



Notebook 9 Pro has an Intel Core i7-8565U processor

Equipped with an Intel Core i7-8565U processor with 8GB of RAM, Samsung Notebook 9 Pro has handled 40 Google Chrome tabs and 5 YouTube 1080p videos without any problems.

In the Geekbench 4.1 overall performance test, the Samsung Notebook 9 Pro reached 15,432, surpassing the 13,328 average of high-end laptops. With the same CPU, Specter x360 and MateBook 13 hit 14,935 and 17,214 respectively, while the Yoga Core C930's Core i7-8550U reached 14,739.

The Samsung Notebook 9 Pro took 24 minutes and 36 seconds to transcode a 4K video into 1080p, a few minutes slower than the 21 minutes and 45 seconds average.

Samsung's 256GB SSD copied 4.97GB of data in 13 seconds, for 392 megabytes per second. Although slower than the average high-end laptop (543 MBps), it surpasses Yoga C930's 256GB SSD (339 MBps) and matches the Specter x360's 256GB SSD.

Graphics of Notebook 9 Pro



Notebook 9 Pro has an Intel UHD 620 GPU

With the Intel UHD 620 GPU, the Samsung Notebook 9 Pro scored 61,662 points in the 3DMark Ice Storm Unlimited graphics benchmark test, well above the average for a high-end laptop (87,638).

The Specter x360 (90,977) and Yoga C930 (85,758) did better with the same GPU. The MateBook 13 (141,995) performed exceptionally well with the Nvidia GeForce MX150 GPU.

Battery life of Samsung Notebook 9 Pro

Samsung Notebook 9 Pro is equipped with a battery large enough to help you through your workday. After continuously surfing the web via WiFi at 150 nit brightness, the Notebook 9 Pro lasted 8 hours and 53 minutes, surpassing the average of a high-end laptop (8 hours 29 minutes) as well as the Yoga C930 (8 hours 09 minutes) and MateBook 13 (6:15).

Heat of Samsung Notebook 9 Pro

After streaming HD video for 15 minutes, the bottom of Samsung Notebook 9 Pro is only at 31 °C, still within the comfortable threshold of 35 °C. Meanwhile, the center part of the keyboard and touchpad reach 29 and 28 °C, respectively. The hottest part near the hinge on the underside reaches 33 °C.

Software and warranty from Samsung

Samsung includes quite a few of its own branded applications in Notebook 9 Pro. The most interesting part is **Samsung Settings**, which allows you to configure settings to manage the source, color of the screen and sound effects. Another thing worth noting is **Samsung Security**, which allows you to activate the **Secret Screen**, to make applications difficult to see by increasing the opacity.

There's also **Samsung PC Cleaner** (kill apps through managed backups), **Samsung Recovery** (create backups), **Samsung Update** (update Samsung apps), **Samsung Flow** (allow phone connections), **Samsung Gallery** (photo app) and **Samsung Notes** (note app).

On top of that, you also have some Windows 10 bloatware, like Candy Crush Friends, Candy Crush Saga and Township.

Samsung provides Notebook 9 Pro with a 1-year warranty.

Conclude about Samsung Notebook 9 Pro

The Samsung Notebook 9 Pro (13 inches, 2019) offers excellent power and performance compared to the price. The ultra-thin aluminum frame is equipped with 8th-generation Core i7 CPU and good battery life, at just \$ 1099, \$ 200 less than its rivals. However, you will have to deal with dim screens and unimpressive speakers.

In terms of price, the Samsung Notebook 9 Pro is a good choice if you're looking for an ultra-portable 2-in-1 laptop.

Advantages **Samsung Notebook 9 Pro**

1. Premium design
2. High performance
3. Long battery life
4. Competitive price

Defect **Samsung Notebook 9 Pro**

1. The screen needs to be brighter
2. The speaker is not very good

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