

6 reasons you should choose Snapdragon X Elite chip for your next laptop

Snapdragon's X Elite processor rivals Apple's M1 and M2 chips, and even M3, delivering advanced and energy-efficient capabilities.

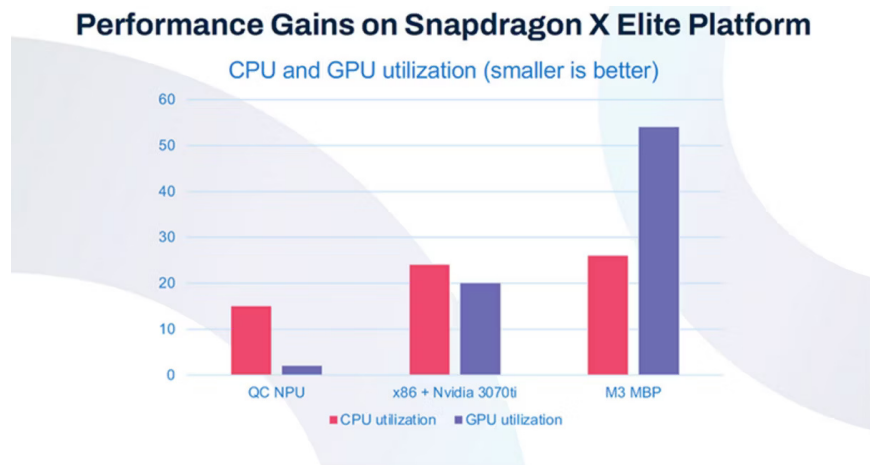
Since major manufacturers, including Dell, Lenovo, HP, Mi, Samsung, Acer and ASUS, are integrating the new Snapdragon X Elite chip into their products, now is the best time to upgrade to a new laptop with this advanced processor.

Here's a quick look at why your next laptop should use the Snapdragon X Elite chip.

1. Windows on Arm application support

One of the main challenges with parent company Qualcomm's previous ARM processors was the lack of support for native apps. However, the Snapdragon This allows users to run native applications. And for any apps that haven't been rebuilt to work natively on ARM processors, emulation software can bridge the gap until those apps are recompiled for ARM.

2. Better energy saving



One of the most significant benefits of the Snapdragon X Elite is the battery life and power savings it promises. Qualcomm has stated that it expects the battery to last several days (or up to 22 hours) per charge, not just the number of hours that most other laptops offer. This means that the Snapdragon X Elite processor can not only match and surpass the performance of other devices, but is also extremely energy efficient.

The only thing you need to remember is that this is the first generation of Snapdragon X Elite computers, so actual data on battery performance and energy savings is not widely available. However, the Signal 65 report largely backs up Qualcomm's claims (first spotted by Tom's Hardware), which, it claims, means the new processor is a great choice for users who prioritize battery life, longevity as well as performance.

3. Advanced AI capabilities



AI has become mainstream. So, it's no surprise that Qualcomm's new processor is equipped with a new AI engine with a 45 TOPS NPU (Neural Processing Unit) that allows users to run multiple AI applications at the same time - right from the laptop without encountering any problems. any delay. AI functionality has been moved from traditional CPU to NPU for faster processing.

The processor's advanced AI capabilities bring many practical benefits to users. For example, DJs can use Algoriddim's built-in djay Pro (ARM compatible) app to instantly split, cut, and remix sounds and tracks. Similarly, the Cephable app uses the chip's AI capabilities to better recognize sounds and facial expressions as well as track head movements.

Qualcomm's chips also support the latest AI platforms, including those from OpenAI, Microsoft and Meta, for Generative AI tasks, such as image recognition, code debugging, etc.

4. Outstanding multi-core performance

CPU	Geekbench 6 - Single Core	Geekbench 6 - Multi Core
Intel i7-1355U	2458	7122
Apple M2	2621	10063
Intel i7-1370P	2644	12891
Apple M2 Max	2692	14863
Snapdragon X Elite (23W TDP)	2780	14029
Intel i9-13980HX	2881	17564
Snapdragon X Elite (80W TDP)	2971	15371
Apple M3	3113	15291

Snapdragon X Elite offers a significant leap in the right direction compared to previous ARM chips for Windows. Qualcomm built this processor from the ground up, using a total of 12 high-performance cores. This allows Snapdragon X Elite to compete with the best processors from Intel, AMD and Apple, and can even surpass their performance. Current benchmarks show impressive results for the Snapdragon X Elite, performing better than Apple's M3 chip.

5. Support AV1 encoding and decoding

The Snapdragon X Elite processor is ideal for creative tasks as it supports the AV1 video codec, capable of encoding and decoding videos in 4K HDR. AV1 is an emerging codec that has become the gold standard video format. This high-performance codec offers a royalty-free license from the Alliance for Open Media, enabling cost-effective video processing. Additionally, it is increasingly being adopted as a standard for highly efficient video compression.

6. Supports up to 3 external UHD displays

The Snapdragon X Elite processor can support a total of 3 external UHD displays running at 60Hz, allowing users to expand their workspace and enhance productivity. Whether you're a pro or require an additional gaming monitor, the processor's ability to support multiple displays while delivering a flexible display experience makes it a good choice for Anyone who wants to increase efficiency.

Microsoft has announced new Copilot+ PCs that will use the Snapdragon X Elite chip, and some models are already on pre-order. If you're planning on buying a new laptop or PC, waiting a few more weeks until you can get your hands on a device running the Snapdragon Strong handling, etc.

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