



Executive summary

Unlock productivity by upgrading to the new HP EliteBook 840 G9

If you're one of the many professionals who sometimes works remotely, you want to be able to use web-based collaboration applications efficiently and enjoy a seamless videoconferencing experience. As your existing laptop gets older, you may experience slowdowns that can negatively impact your productivity, at which point you might consider upgrading your device.

To understand the benefits you might enjoy by upgrading your device, we tested two similarly configured HP laptops: a previous-generation EliteBook 840 G8 featuring an 11th Gen Intel® Core™ i5-1145G7 processor and a new EliteBook 840 G9 featuring a 12th Gen Intel Core i5-1245U processor. We compared the performance of the two laptops in a series of benchmark tests.

We found that the latest-generation HP EliteBook 840 G9 featuring a 12th Gen Intel Core i5 processor outperformed the previous-generation device in all our tests. If you value performance, the results of our hands-on testing suggest you might consider upgrading your older device.



20.5% higher
SYSmark 25
overall rating



17.2% higher
CrossMark
overall rating



25.0% higher
WebXPRT 4
overall score

Compared to EliteBook 840 G8 featuring an 11th Gen Intel Core i5-1145G7 processor



Results of our testing

To compare the responsiveness and performance of the two laptops while running office-centric and media-centric workloads, we used the SYSmark® 25 and CrossMark™ benchmarks. The HP EliteBook 840 G9 featuring a 12th Gen Intel Core i5 processor achieved a SYSmark 25 overall rating that was 20.5 percent higher than the previous-generation device and a CrossMark overall rating that was 17.2 percent higher. These results suggest that upgrading might unlock faster response times in day-to-day tasks and potentially enabling you to be more productive.

SYSmark 25

Overall rating | Higher is better

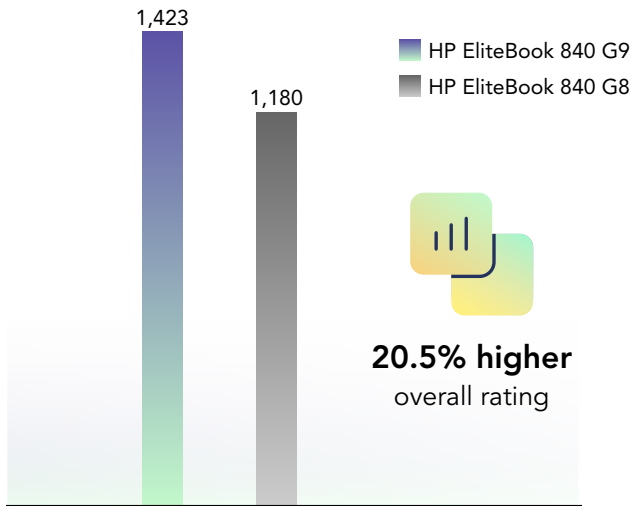


Figure 1: SYSmark 25 benchmark test results. We ran the test three times and report the median result. Higher is better. Source: Principled Technologies.

CrossMark

Overall rating | Higher is better

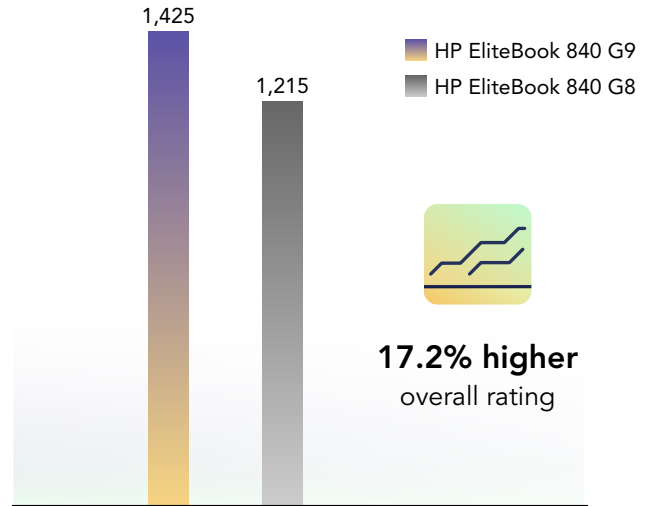


Figure 2: CrossMark benchmark test results. We ran the test three times and report the median result. Higher is better. Source: Principled Technologies.

WebXPRT 4 on Edge

Overall score | Higher is better

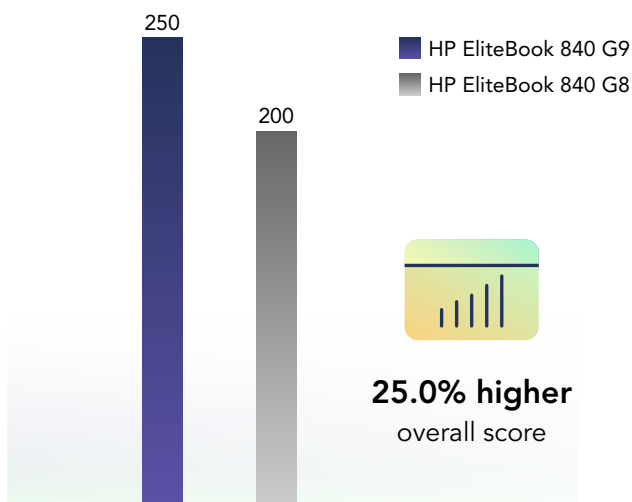


Figure 3: WebXPRT 4 benchmark test results. We ran the test three times and report the median result. Higher is better. Source: Principled Technologies.

To measure the web-browsing performance of the two laptops running Microsoft Edge, we used the WebXPRT 4 benchmark. We found that the HP EliteBook 840 G9 had an overall score that was 25 percent higher than the previous generation device, which could translate to better web-browsing and web-based application collaboration experiences.

Read the report at <https://facts.pt/GxUy8QL>



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