Complete everyday tasks faster

based on higher CrossMark and SYSmark 25 benchmark overall ratings*

Use team productivity tools more effectively

based on higher Procyon Office Productivity Benchmark overall ratings*

Unlock resource-intensive app potential

based on higher Procyon Photo Editing and Video Editing Benchmark overall ratings*

Optimize web-browsing capabilities

based on higher WebXPRT 4 benchmark overall scores*

Executive summary

Get a better user experience by upgrading to the new HP EliteBook 840 G9

Equipped with 12th Gen Intel Core i7 U Series or P Series processors

If your "new normal" is a hybrid workplace, chances are an older laptop could be slowing down remote collaboration. Video-conferencing services and cloud-based productivity apps can be resource hogs, some older laptops have Wi-Fi bandwidth limitations, and older processors may be feeling the strain.

To show the difference upgrading to current-gen tech can make, we tested two new HP EliteBook 840 G9 Notebook PCs powered by either U Series or P Series 12th Gen Intel® Core™ i7 processors and Wi-Fi 6E capabilities against a last-gen HP EliteBook 840 G8 powered by an 11th Gen Intel Core i7 processor and Wi-Fi 6 capabilities. We pitted the laptops against each other in a variety of system performance and responsiveness-based benchmark challenges.

In this executive summary, we use our hands-on findings to illustrate how investing in the new HP EliteBook 840 G9 powered by 12th Gen Intel Core i7 processors can benefit a variety of users and use cases.

*In our comparisons, the EliteBook 840 G9 powered by an Intel Core i7-1265U processor performed better than the G8 model, and the EliteBook 840 G9 powered by an Intel Core i7-1280P processor generally performed better than both of the others.

What we tested

We tested two identical EliteBook 840 G9 Notebook PCs with different 12th Gen Intel Core i7 processors against a G8 model with an 11th Gen Intel Core i7 processor. All three EliteBook 840 Notebook PCs were equipped with Intel Iris Xe Graphics, 16 GB of memory, and 512 GB of SSD storage. We used an array of benchmarks to measure laptop performance and responsiveness.

Invest in what works, only better

Our results suggest you might see noticeable improvement when web-browsing or using business applications, such as customer relationship management tools or financial analytics software.

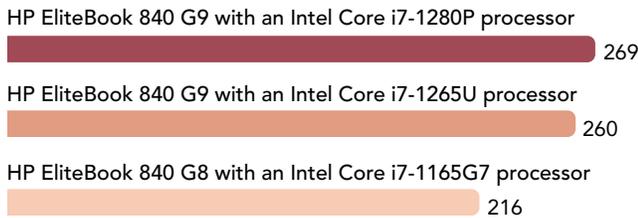### Up to 24.5% higher WebXPRT 4 overall scores

HP EliteBook 840 G9 with an Intel Core i7-1280P processor
269

HP EliteBook 840 G9 with an Intel Core i7-1265U processor
260

HP EliteBook 840 G8 with an Intel Core i7-1165G7 processor
216

Figure 1: WebXPRT 4 overall scores. Higher is better.
Source: Principled Technologies.

Up to 25.1% higher CrossMark overall ratings

HP EliteBook 840 G9 with an Intel Core i7-1280P processor
1,676

HP EliteBook 840 G9 with an Intel Core i7-1265U processor
1,519

HP EliteBook 840 G8 with an Intel Core i7-1165G7 processor
1,339
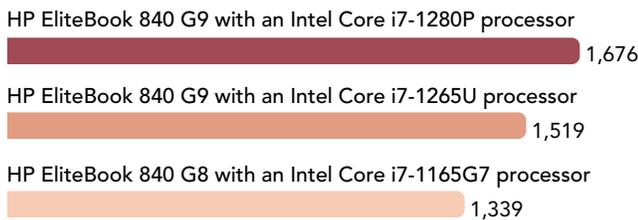
Figure 2: CrossMark overall ratings. Higher is better.
Source: Principled Technologies.

Up to 12.2% higher SYSmark 25 overall ratings

HP EliteBook 840 G9 with an Intel Core i7-1280P processor
1,454

HP EliteBook 840 G9 with an Intel Core i7-1265U processor
1,471

HP EliteBook 840 G8 with an Intel Core i7-1165G7 processor
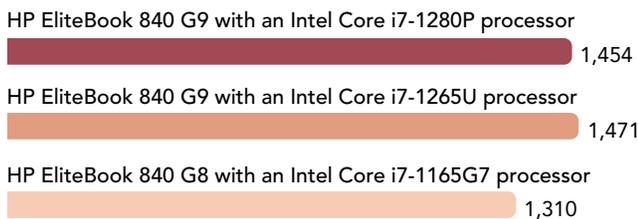1,310

Figure 3: SYSmark 25 overall ratings. Higher is better.
Source: Principled Technologies.

Get more of what you want a computer for

There can be a lot of duck-paddling going on beneath the surface when your laptop is juggling resource-intensive tasks. Our results show you might notice less lag when sharing your screen during a video conference or tracking team conversations while you're crunching numbers for a monthly report.

Up to 9.4% higher Procyon Office Productivity Benchmark overall ratings

HP EliteBook 840 G9 with an Intel Core i7-1280P processor
6,845

HP EliteBook 840 G9 with an Intel Core i7-1265U processor
6,908

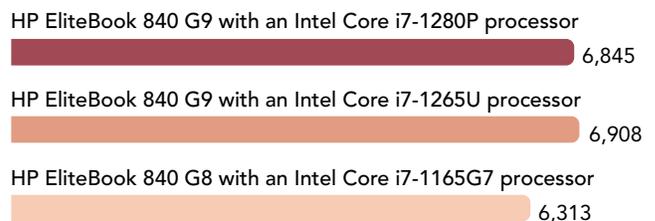HP EliteBook 840 G8 with an Intel Core i7-1165G7 processor
6,313

Figure 4: Procyon Office Productivity Benchmark overall ratings. Higher is better. Source: Principled Technologies.

Our benchmark results suggest that investing in HP EliteBook 840 G9 Notebook PCs powered by 12th Gen Intel Core i7 U Series or P Series processors has the potential to unlock enhanced productivity.

Read the report at https://facts.pt/4nJKCdR ▶

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