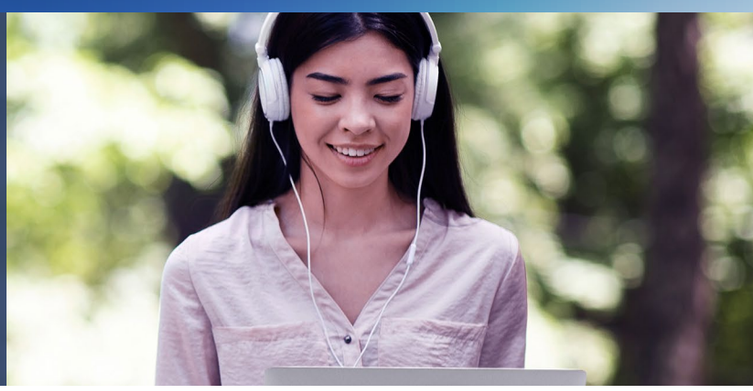
A Dell Latitude 5420 laptop powered by a four-core Intel Core i5-1145G7 vPro processor received higher system performance and responsiveness benchmark scores

vs. an HP EliteBook 845 G8 laptop powered by a six-core AMD Ryzen 5 PRO 5650U processor

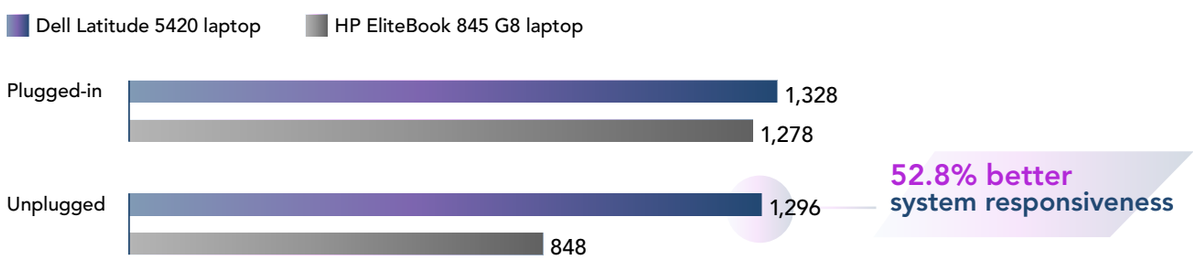
When you're working on the go, an outlet isn't always an option. We ran SYSmark® 25 and CrossMark™ benchmarks on both laptops—first while they were plugged in and again when they were unplugged.



SYSmark 25 benchmark test results show that business users could experience a 34 percent performance drop while working unplugged on the AMD Ryzen™ 5 processor-powered EliteBook.

Speed routine tasks unplugged

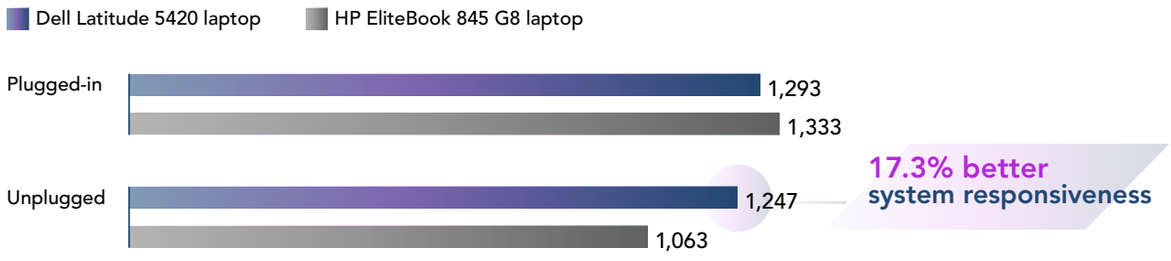
SYSmark 25 overall performance rating | Higher is better



This was not an anomaly. The CrossMark performance numbers for the AMD Ryzen 5 processor-powered EliteBook also dropped by 20 percent during unplugged testing.

Accomplish more unplugged

CrossMark overall score | Higher is better



By comparison, the Dell Latitude 5420 laptop, with its Intel® Core™ i5 vPro® processor, performed comparably whether it was plugged in or not.

Photo: Principled Technologies

To review all benchmark results, detailed system information, testing procedures, and MobileMark® 2018 battery life and performance metrics, read the full report at http://facts.pt/CDFKSRV.

Principled Technologies®