

New is unparalleled productivity

A simple PC refresh based on the latest Intel® Core™ vPro™ processors can transform your business. Achieve the productivity boost that can help you modernize and compete.



PERFORMANCE

for a modern, mobile workforce with 8th Gen Intel Core vPro processors and Windows® 10

vs. Windows 10 running on a 4-year-old laptop¹²³

vs. Windows 10 running on a 4-year-old laptop^{23,4}

ANALZYZE DATA

on 8th Gen Intel Core vPro processor-based laptops running Windows 10 vs. Windows 10 running on 4-year-old systems23.5

POWER

for new business models and services



FROM

LICATIONS

simultaneously vs. older PCs



AGILITY

to accelerate business outcomes

As you migrate to Windows 10, empower your workforce to get more done with new 8th Gen Intel Core vPro processor-based PCs, making them productive anywhere.



SEE WHAT NEW CAN DO

pcm.com/WhatNewCanDo



- 1. SYSmark* 2014 SE is a benchmark from the BAPCo* consortium that measures the performance of Windows* platforms. SYSmark 2014 SE tests four usage scenarios: office productivity, media creation, data/financial analysis, and responsiveness. SYSmark contains real applications from independent software vendors (ISVs) such as Microsoft and Adobe.
- 2. Refresh configurations: New: Intel® Core™ i7-8650U (Intel® reference platform), 15W, 4C8T, turbo up to 4.2 GHz; memory: 2x4 GB DDR4-2400; storage: Intel® 6000p SSD; graphics: Intel® UHD Graphics 620, BIOS version 117.07 with MCU 0x84; OS: Windows® 10 (version 10.0.16299.192). Four-year-old: Intel® Core $^{\text{TM}}$ i7-4600U (Intel reference platform), 15W, 2C4T; turbo up to 3.3 GHz; memory: 2x4 GB DDR3-1600; storage: Intel® 540s SSD; graphics: Intel® HD Graphics 4400, BIOS version 139 with MCU 0x23, OS: Windows 10 (version 10.0.16299.192)
- 3. Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products. For more
- 4. Slack* is open in the background while a 2.28 MB, Microsoft PowerPoint .ppt presentation is exported as a 1920x1080 H.264 .mp4 video presentation. While the video presentation is being created 1) a 6.49 MB, 844 page, Microsoft Word .docx document is converted to a 7.98 MB, PDF file and 2) a 70.4 MB, Microsoft Excel .xlsm macro-enabled worksheet that is
- 5. Measures the time to load, query, calculate statistics, and draw six charts from a different local data source containing 2.2 million sales records.
- 6. EEMBC Browsing Bench Component Average Power (projected on Intel Reference Platform using a 42WHr battery and 25x14 panel): Disconnect all USB devices, connect to a local Wi-Fi access point, and set the screen brightness to 200 nits (disable DPST, set brightness to 200 nits on a white background and enable DPST). Wait for 10 mins for the OS to completely idle and then launch EEMBC Browsing Bench using Microsoft Edge* browser. Set the web pages to idle for 20s in between page loads. Measure power for the duration of all page loads and report 3 run median. Intel tests resulted in an average of 9.5 hours of battery life.

7. Study conducted by Techaisle with 736 small businesses in six countries, April 2014. The benchmark results reported above may need to be revised as additional testing is conducted. The results depend on the specific platform configurations and workloads utilized in the testing, and may not be applicable to any particular user's components, computer system or workloads. The results are not necessarily representative of other benchmarks and other

benchmark results may show greater or lesser impact from mitigations.

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