



BOOST YOUR IOT PERFORMANCE BY UP TO 49%

- 14 nm silicon technology
- Multiple USB 3.1 Gen2 (10 Gbps) ports
- Up to four additional PCI Express* ports
- Advanced security
- Long-life availability (15 years)

Create smart IoT solutions with 8th Gen Intel® Core™ processors, featuring remarkable performance, responsiveness, and graphics.

intel.com/iot



BETTER PERFORMANCE

- 49 percent¹ performance gains
- Improved power efficiency
- Faster, smoother video



STUNNING VISUALS

- Up to 21 percent² faster graphics performance
- Accelerated 4K hardware media codecs HEVC 10bit
- Integrated HDCP 2.2
- VP8, VP9 10bit, and VDENC encoding, decoding, and transcoding

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.

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 information go to intel.com/benchmarks.

1. Compared to 6th Gen Intel® Core™ processor platform. Results have been estimated or simulated using internal Intel® analysis or architecture simulation or modeling, and provided for informational purposes. Any differences in your system hardware, software or configuration may affect your actual performance. Measured by Intel on system with Intel® Core™ i7-8700 processor and Intel® Core™ i7-6700 processor using SPEC06_base_INT_rateMax.

2. Measured by Intel on system with Intel® Core™ processor i7-8700 and Intel® Core™ processor i7-6700 using 3DMark* 11.

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