



NEW 8TH GEN INTEL® CORE™ PROCESSORS

POWERING THE ULTIMATE MOBILE PC EXPERIENCE FOR YOUR CUSTOMERS



The latest 8th Gen Intel® Core™ processors for mobile PCs deliver a fast and responsive experience, fantastic fun and entertainment with strong security to your customers.

ENHANCED PERFORMANCE



- » **Up to 40% better** productivity performance compared to 7th Gen Intel® Core™ U-Series¹
- » **Up to 10 hours** of battery life²
- » Quad Core performance for **thin and light designs**

- » **Smooth 4K UHD playback and editing** with HEVC* 10-bit/Google* VP9 codec support

- » **Create, edit and share 4K** video and 4K 360 content

- » **Play favorite games at 720P** on Intel® UHD Graphics

- » **Stream Premium UHD content** from popular sites like Netflix*, Fandango NOW*, Sony Ultra* and YouTube*

FANTASTIC MEDIA AND GAMING



ROBUST SECURITY



- » **Intel Online Connect** delivers fingerprint touch to pay for simple, secure payments, and hassle-free shopping with secure guest checkout
- » **Hardened password managers** protect sensitive authentication data through built-in silicon security capabilities

- » **Thunderbolt™ 3 External Graphics (eGFX)** – Enhances the gaming experience on a thin and light notebook

- » **Single-cable docking** for 40Gbps data + dual 4K video + PC/device charging

- » **Amplify your content editing** and creation capabilities

EXPERIENCE THUNDERBOLT™



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 complete information visit www.intel.com/benchmarks.

No computer system can provide absolute security under all conditions. Built-in security features available on select Intel® Core™ processors may require additional software, hardware, services and/or an Internet connection. Results may vary depending upon configuration. Consult your PC manufacturer for more details. For more information visit www.intel.com/technology/security.

Intel technologies' features and benefits depend on system configuration and may require enabled hardware, software or service activation. Performance varies depending on system configuration. No computer system can be absolutely secure. Check with your system manufacturer or retailer or learn more at intel.com.

1. As estimated by SYSmark® 2014 SE on Intel® Core™ i7-8550U Processor vs. Intel® Core™ i7-7500U Processor
2. As projected on 1080p Local Video Playback on Intel® Core™ i7-8650U Processor, 40WHr, 25x14.12"

System Configurations

1. Intel® CRB, Intel® Core™ i7-8550U Processor, PL1=15W TDP, 4C8T, Turbo up to 3.9GHz, Memory: 8GB DDR4-2133, Storage: Intel® SSD 600p, Intel® UHD Graphics 620, OS: Windows® 10 vs: Intel® CRB, Intel® Core™ i7-7500U Processor, PL1=15W TDP, 2C4T, Turbo up to 3.5GHz, Memory: 8GB DDR4-2133, Storage: Intel® SSD 600p, Intel® HD Graphics 620, OS: Windows® 10
2. Intel® CRB, Intel® Core™ i7-8650U Processor, PL1=15W TDP, 4C8T, Turbo up to 3.9GHz, Memory: 8GB DDR4, Storage: Intel® SSD, Display Resolution: 24x14.12", Intel® UHD Graphics 620, OS: Windows® 10, Battery Size: 40WHr

Battery life and performance measurements on Intel Reference Platform. Intel Reference Platform is an example new system. Products available from systems manufacturers will not be identical in design, and performance will vary.

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