

# 8<sup>th</sup> GEN INTEL<sup>®</sup> CORE<sup>™</sup>

**AUGUST 2017** 





### **PEOPLE AND THEIR PCS**

#### People prefer...

#### People say they also prefer their PCs for...



Source: The Intel online survey was fielded among 2,552 Americans, 18+ in March 2017 to understand Americans' perspectives about computer usage, personal technology, smart home technology, virtual reality and gaming. The survey was fielded via Ipsos.

Source: IMRA US/PRC State of PC Ethnographic Research (June 2016)

# **PAVING THE WAY FOR A NEW ERA**











### MORE VERSATILE DEVICES TODAY

Source: Intel MMBP MS&F 2017 Q2



### INTRODUCING 8<sup>th</sup> gen intel<sup>®</sup> core<sup>™</sup> processors





## **A FAMILY REDEFINING A GENERATION: PERFORMANCE**



Thin Fanless Detachables, Always Connected PCs

### **U-SERIES**

Thin and Light Laptops, 2 in 1 Computers, Convertibles and Minis





Performance Laptops and Mobile Workstations



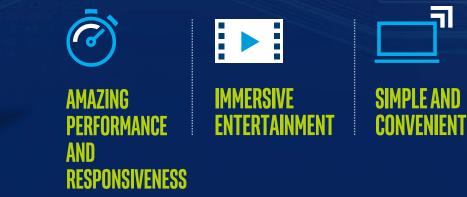
### **S-SERIES**

Desktop Performance to Value, All-in-One Computers and Minis



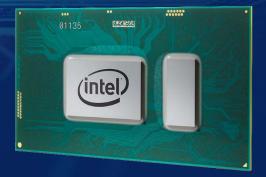
# **8<sup>TH</sup> GEN: POWER DESIGNED FOR WHAT'S NEXT**







### New Generation of **PERFORMANCE-CLASS 8<sup>TH</sup> GEN INTEL<sup>®</sup> CORE<sup>™</sup> PROCESSORS**



#### Launching August 21

- New 8<sup>th</sup> Gen Intel<sup>®</sup> Core<sup>™</sup> i7/i5 processors from 15W
- Powering 2 in 1s and ultrathin notebooks for consumer and small business

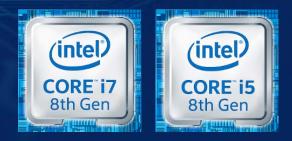
#### **Coming soon**

- Desktop in fall
- Additional products for enterprise, workstation, and enthusiasts notebooks and desktops
- Additional form factors across hundreds of designs



### AMAZING PLATFORM PERFORMANCE YOU CAN SEE AND FEEL

#### 8th Gen Intel<sup>®</sup> Core<sup>™</sup> i7/i5 versus 7<sup>th</sup> Gen





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

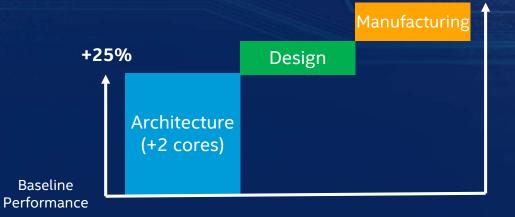


# **8**<sup>TH</sup> **GEN INTEL<sup>®</sup> CORE<sup>TM</sup> 17/15 PROCESSORS**



8th Gen Intel® Core™ mobile processors ■ i7-8650U

- i7-8550U
- i5-8350U
- I5-8250U



### **Amazing Performance by Design**



+40%

### AMAZING PLATFORM PERFORMANCE YOU CAN SEE AND FEEL

### 8th Gen Intel<sup>®</sup> Core<sup>™</sup> i5 versus 5-year-old PC





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





# CREATE A 4K VIDEO 14.7X FASTER<sup>4</sup> = **3 MINUTES VS. 45 MINUTES**

with 8th Gen on a 5-year-old system

#### EDIT IN ADOBE LIGHTROOM\* UP TO 2.3X FASTER<sup>5</sup> 28% FASTER versus 5-year-old system versus 7th Gen

### organize/edit photos to create a slideshow up to **48% FASTER**<sup>7</sup>

versus 7th Gen

### PERFORMANCE: FAST CONTENT EDITING AND CREATION

- Dedicated media engine that let's you create, edit and share 4K/360 video content faster and easier
- Your favorite applications optimized for Intel<sup>®</sup> Quick Sync Video for near real-time 4K rendering
- Intel<sup>®</sup> Precise Touch Technology to provide fast and highly responsive Windows\* Ink on 2 in 1s

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



### PERFORMANCE: OFFICE PRODUCTIVITY AND MULTITASKING



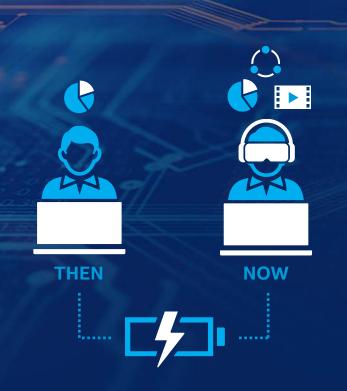
►





CORE if

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



### PERFORMANCE + ENERGY EFFICIENCY

#### **Uncompromised Battery Life**

- Sleek designs with up to 10 hours<sup>9</sup> of battery life to do more of what you love
- Instant mobile PC resume and data ready in a flash with Windows\* Modern Standby

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



### **IMMERSIVE ENTERTAINMENT**



### NETFLIX



- MOVIES & TV -

**VUDU** 



#### Stream more of your favorite 4K content

NEW and coming soon! Amazon\* Prime Video and Vudu\* Available today: Netflix\*, Sony ULTRA\*, FunBox UHD\* and iQIYI\*

#### **Enjoy more with flexibility**

Up to 10 hours<sup>9</sup> of entertainment on a single charge and view on up to three simultaneous 4K displays on Intel<sup>®</sup> UHD Graphics

#### **Mainstream VR**

Windows\* Mixed Reality<sup>10</sup> support on 8<sup>th</sup> Gen Intel<sup>®</sup> Core<sup>™</sup> processors with Intel<sup>®</sup> UHD Graphics



### **SIMPLE AND CONVENIENT**

### 🕂 Windows10

#### Natural and intuitive interactions

Touch, stylus and voice are optimized and shine through on Windows Hello\*, Cortana\* and Windows Ink\*

#### Quick and easy login

A touch or look with Windows Hello\* gets you in securely<sup>10</sup> hassle free

#### Built-in security<sup>10</sup> made simple

Intel<sup>®</sup> Built-in security (Intel<sup>®</sup> SGX and Intel<sup>®</sup> Online Connect) enables touch-to-pay, secure<sup>10</sup> guest checkout, hardened password managers and built-in 2<sup>nd</sup> factor authentication



#### Do it all with a single compact cord

Connect to Thunderbolt<sup>™</sup> devices, any display and numerous USB devices – all while supplying power

### AMAZING NEW AND FEATURE-RICH DEVICES OF ALL SHAPES AND SIZES

# 145 DESIGNS









\*Other names and brands may be claimed as the property of others



### **BAUNCHING FIRST ON AUGUST 21 8 TH GEN INTEL<sup>®</sup> CORE<sup>™</sup> 17/15 PROCESSORS**

		i7-8650U	i7-8550U	i5-8350U	i5-8250U	
	Maximum Processor Frequency (GHz)	4.2	4.0	3.6	3.4	
	Base Clock Frequency (GHz)	1.9	1.8	1.7	1.6	
	Number of Processor Cores/Threads	4/8	4/8	4/8	4/8	
	Cache Size (MB)	8	8	6	6	
	Number of Memory Channels	2	2	2	2	
	Memory Type	DDR4-2400 LPDDR3- 2133	DDR4-2400 LPDDR3- 2133	DDR4-2400 LPDDR3- 2133	DDR4-2400 LPDDR3- 2133	
	Intel <sup>®</sup> UHD Graphics	620	620	620	620	
	Graphics Dynamic Frequency (MHz)	Up to 1150	Up to 1150	Up to 1100	Up to 1100	



Plus, on all SKUs:

- Intel<sup>®</sup> Turbo Boost Technology 2.0
- Intel<sup>®</sup> Hyper-Threading Technology
- Intel<sup>®</sup> Smart Cache
- Intel<sup>®</sup> AES–New Instructions (AES–NI)
- Intel<sup>®</sup> Advanced Vector Extensions 2.0 (Intel<sup>®</sup> AVX 2.0)
- Intel<sup>®</sup> Optane<sup>™</sup> Memory Ready
- Intel<sup>®</sup> Quick Sync Video
- Intel<sup>®</sup> Software Guard Extensions (Intel<sup>®</sup> SGX)
- Intel<sup>®</sup> Boot Guard
- Intel<sup>®</sup> OS Guard
- Intel BIOS Guard
- Conflict-Free

## 8<sup>th</sup> gen intel<sup>®</sup> core<sup>™</sup> processors

FIRST TO MARKET 8<sup>th</sup> Gen Intel<sup>®</sup> Core<sup>™</sup> i7/i5 processors (U-series)

**NEW DEVICES** from OEMs starting in September

MORE TO COME in the fall and beyond



### **TUNE IN ON AUGUST 21**

THE 8<sup>th</sup> Generation Is coming Amazing Happens When All Things Align Join us as we introduce the 8<sup>th</sup> Gen Intel<sup>®</sup> Core<sup>™</sup> processor family.

August 21 | 8:00 a.m. PDT www.facebook.com/Intel newsroom.intel.com



### **LEGAL DISCLAIMERS**

Intel, the Intel logo, the Intel Inside logo, Intel Core, Intel Optane, Thunderbolt, Celeron and Pentium are trademarks of Intel Corporation and its subsidiaries in the U.S. and/or other countries.

\*Other names and brands may be claimed as the property of others.

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.

Altering clock frequency or voltage may damage or reduce the useful life of the processor and other system components, and may reduce system stability and performance. Product warranties may not apply if the processor is operated beyond its specifications. Check with the manufacturers of system and components for additional details.

Intel is a sponsor and member of the BenchmarkXPRT Development Community, and was the major developer of the XPRT family of benchmarks. Principled Technologies is the publisher of the XPRT family of benchmarks. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases.

<sup>10</sup> 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].

© Intel Corporation



### **PERFORMANCE DISCLAIMERS**

- 1. As measured by Office Productivity and Multitasking Workload on Intel Reference Platform: Intel® Core™ i7-8550U Processor, PL1=15W TDP, 4C8T, Turbo up to 4.0GHz, Memory: 8GB DDR4-2400, Storage: Intel 600p SSD, Intel UHD Graphics 620, OS: Windows\* 10; versus previous generation: Intel® Core™ i7-7500U Processor, PL1=15W TDP, 2C4T, Turbo up to 3.5GHz, Memory: 8GB DDR4-2133, Storage: Intel 600p SSD, Intel HD Graphics 620, OS: Windows\* 10.
- 2. As measured by SYSmark\* 2014 SE (Second Edition) on Intel Reference Platform on Intel Reference Platform Intel® Core™ i5-8550U Processor, PL1=15W TDP, 4C8T, Turbo up to 4.0GHz, Memory: 8GB DDR4-2400, Storage: Intel 600p SSD, Intel UHD Graphics 620, OS: Windows\* 10 versus 5 year old: Intel® Core™ i5-3317U Processor, PL1=15W TDP, 2C4T, Turbo up to 3.6GHz, on Dell\* XPS 12, Memory: 8GB DDR3, Storage: SSD, Intel HD Graphics 4000, OS: Windows\* 10.
- 3. As measured by WebXPRT\* 2015 on Intel Reference Platform. Measured on New: Intel® Core™ i5-8250U Processor, PL1=15W TDP, 4C8T, Turbo up to 3.4GHz, Memory: 8GB DDR4-2400, Storage: Intel 600p SSD, Intel UHD Graphics 620, OS: Windows\* 10 versus 5 year old: Intel® Core™ i5-3317U Processor, PL1=15W TDP, 2C4T, Turbo up to 3.6GHz, on Dell\* XPS 12, Memory: 8GB DDR3, Storage: SSD, Intel HD Graphics 4000, OS: Windows\* 10.
- 4. As measured by PowerDirector Ultra HD HEVC Video Creation on Intel Reference Platform. Measured on Intel Reference Platform: Intel® Core™ i5-8250U Processor, PL1=15W TDP, 4C8T, Turbo up to 3.4GHz, Memory: 8GB DDR4-2400, Storage: Intel 600p SSD, Intel UHD Graphics 620, OS: Windows\* 10 versus 5 year old PC: Intel® Core™ i5-3317U Processor, PL1=15W TDP, 2C4T, Turbo up to 3.6GHz, on Dell\* XPS 12, Memory: 8GB DDR3, Storage: SSD, Intel HD Graphics 4000, OS: Windows\* 10.
- As measured by Adobe Photoshop Lightroom Workload on Intel Reference Platform. New: Intel<sup>®</sup> Core<sup>™</sup> i5-8250U Processor, PL1=15W TDP, 4C8T, Turbo up to 3.4GHz, Memory: 8GB DDR4-2400, Storage: Intel 600p SSD, Intel UHD Graphics 620, OS: Windows\* 10 versus 5 year old: Intel<sup>®</sup> Core<sup>™</sup> i5-3317U Processor, PL1=15W TDP, 2C4T, Turbo up to 3.6GHz, on Dell\* XPS 12, Memory: 8GB DDR3, Storage: SSD, Intel HD Graphics 4000, OS: Windows\* 10.

### **PERFORMANCE DISCLAIMERS - CONTINUED**

- 6. As measured by Adobe Photoshop Lightroom Workload on Intel Reference Platform: Intel® Core™ i7-8550U Processor, PL1=15W TDP, 4C8T, Turbo up to 4.0GHz, Memory: 8GB DDR4-2400, Storage: Intel 600p SSD, Intel UHD Graphics 620, OS: Windows\* 10; versus previous generation: Intel® Core™ i7-7500U Processor, PL1=15W TDP, 2C4T, Turbo up to 3.5GHz, Memory: 8GB DDR4-2133, Storage: Intel 600p SSD, Intel HD Graphics 620, OS: Windows\* 10.
- 7. As measured by Content Creation Multitasking Workload on Intel Reference Platform: Intel® Core™ i7-8550U Processor, PL1=15W TDP, 4C8T, Turbo up to 4.0GHz, Memory: 8GB DDR4-2400, Storage: Intel 600p SSD, Intel UHD Graphics 620, OS: Windows\* 10; versus previous generation: Intel® Core™ i7-7500U Processor, PL1=15W TDP, 2C4T, Turbo up to 3.5GHz, Memory: 8GB DDR4-2133, Storage: Intel 600p SSD, Intel HD Graphics 620, OS: Windows\* 10.
- As measured by Office Productivity and Multitasking Workload: 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 recalculated. Measured on Intel Reference Platform Intel<sup>®</sup> Core<sup>™</sup> i5-8250U Processor, PL1=15W TDP, 4C8T, Turbo up to 3.4GHz, Memory: 8GB DDR4-2400, Storage: Intel 600p SSD, Intel UHD Graphics 620, OS: Windows\* 10 versus 5 year old: Intel<sup>®</sup> Core<sup>™</sup> i5-3317U Processor, PL1=15W TDP, 2C4T, Turbo up to 3.6GHz, on Dell\* XPS 12, Memory: 8GB DDR3, Storage: SSD, Intel HD Graphics 4000, OS: Windows\* 10.
- 9. As projected on Intel Reference Platform using a 40WHr battery and 25x14 Panel on Windows 10\* 1080p 24fps Local Video Playbac: Intel® Core™ i7-8550U Processor, PL1=15W TDP, 4C8T, Turbo up to 4.0GHz, Memory: 8GB DDR4-2400, Storage: Intel 600p SSD, Intel UHD Graphics 620, OS: Windows\* 10, Battery Size: 40WHr, Screen: 25x14 12", Windows 10 Power Slider Better Performance.

### **BENCHMARK/WORKLOAD DESCRIPTIONS**

SYSmark\* 2014 SE (Second Edition) is a benchmark from the BAPCo\* consortium that measures the performance of Windows\* platforms. SYSmark tests the usage scenarios: Office Productivity, Media Creation, Responsiveness and Data/Financial Analysis. SYSmark contains real applications from Independent Software Vendors such as Microsoft\* and Adobe\*. Reported metrics: SYSmark 2014 SE Rating and a rating for each scenario result (higher is better for all). Scaling efficiencies: CPU dominant, sensitive to frequency, core count and memory. QSV enabled.

HDXPRT\* 2014, or the High Definition Experience & Performance Ratings Test, is a benchmark from Principled Technologies\* that measures Windows\* media editing performance. HDXPRT has three usage case categories: Edit Photos, Convert Videos and Edit Music. It uses mainstream media applications to test the performance of the system. Reported metrics: Overall score, edit photos, convert video, and edit music subscores. Scaling efficiencies: QSV enabled. OS support: Desktop Windows.

**TouchXPRT\* 2016** is a benchmark from Principled Technologies\* that measures light media editing performance. TouchXPRT has five usage case categories: Beautify Photos, Blend Photos, Convert Videos for Sharing, Create Music Podcast, Create Slideshow from Photos. Reported metrics: Overall score, beautify photos, blend photos, convert videos for sharing, create music podcast, create slideshow from photos subscores

**WebXPRT\* 2015** is a benchmark from Principled Technologies\* that measures the performance of web applications using six usage scenarios: Photo Enhancements, Organize Album, Local Notes, Stock Option Pricing, Sales Graphs, and Explore DNA Sequencing. WebXPRT tests modern browser technologies such as HTML5 Canvas 2D, HTML5 Table, HTML5 Local Storage, as well as JavaScript\*. **Reported metrics**: elapsed time in seconds (lower is better) for each scenario, plus an overall score (higher is better). **Scaling efficiencies**: CPU dominant (newer browsers are GPU accelerated), sensitive to frequency. WebXPRT is very sensitive to browser type and version. **OS support**: Any OS that supports an HTML5 browser.

**3DMark\*** is a benchmark from Futuremark\* that measures DX\* 9 / OpenGL\* ES 2.0, DX 10 and DX 11 gaming performance. There are three main tests: "Ice Storm" for DX 9 / OpenGL ES 2.0, "Cloud Gate" for DX 10, "Sky Diver" for DX11 and "Fire Strike" for DX 11 graphics. **Reported metrics**: Graphics Score (GPU), Physics Score (CPU), Combined Score (GPU & CPU) and an overall 3DMark Score (higher is better for all Scores). **Scaling efficiencies**: Graphics tests are GPU dominant, sensitive to graphics and CPU frequency, core count and memory. **OS support**: Desktop Windows\*, Android\*, iOS\* and Windows RT.

**Windows 10\* 1080p 24fps Local Video Playback** Component Average Power Disconnect all USB devices, connect to a local WiFi 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. Launch Tears of Steel (1080p H264 10MBps 24fps) video using the Windows Movie & TV App. Measure and calculate average power for the duration of the video. Report 3 run median.

Windows 10\* 4K 24fps 10bit HEVC Local Video Playback Component Average Power Disconnect all USB devices, connect to a local WiFi 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. Launch Tears of Steel (4K H265 24fps) video using the Windows Movie & TV App. Measure and calculate average power for the duration of the video. Report 3 run median.

### **BENCHMARK/WORKLOAD DESCRIPTIONS**

Office Productivity and Multitasking Workload: 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 recalculated.

**Content Creation Multitasking Workload:** The workload set consists of a mix of 80 photos shot on a DSLR and point-and-shoot camera. The photos are imported into Adobe Elements Organizer and scanned for facial analysis. While the media analysis is being performed, 1) ten photos are opened in Adobe Premiere Elements 15 to create a video slideshow project with the timeline preview rendered and 2) five photos are opened in Adobe Photoshop Elements 15 and auto smart fix is applied.

**4K to 1080p HEVC Transcode Workload**: Using Handbrake, the workload video file is a ~6.27 GB, 3840 x 1714, 73.4 Mbps, 24fps, H.264, .mov video file that is transcoded to a ~1920x1080, ~3.5 Mbps, 24fps, HEVC, .mkv video file.

**PowerDirector Ultra HD HEVC Video Creation**: The workload is a video project containing a 3840x2160, H.264, .mp4 file (shot on a GoPro HERO4 Black action camera) with added text overlays and video effects. The output file is a 1 min. 46 sec., 3840x2160, ~35Mbps, HEVC, ~440MB, .mp4 video file.

Adobe Photoshop Lightroom workload: The workload consists of 50. jpeg photos shot on a Nikon D800 camera ranging in size of 11.3 MB – 29.8 MB. This scenario measures the time to export the photos at a reduced file size for sharing/upload to social networks.

MAGIX Fastcut Video Create Workload: The workload video is a 9 min. 21 sec., 3840x2160, ~59.9Mbps, H.264, 3.89GB, .mp4 file. The "A Cold Place" template is applied and is exported using the Full HD setting. The output video is a 38 sec., 1920x1080, ~20Mbps, H.264, ~93MB, .mp4 file.

Netflix 4K Streaming Workload: Measure time to rundown battery while streaming 4K Netflix content (HEVC 10-bit decode) 4K VP9 Streaming Workload: Measure time to rundown battery while streaming 4K content from YouTube website: <u>https://youtu.be/-3nXNnBwl6w</u> (VP9 decode)



### **SYSTEM CONFIGURATIONS**

#### **Performance Configurations**

#### Gen-1:

Intel® Core™ i7-8550U Processor, PL1=15W TDP, 4C8T, Turbo up to 4.0GHz, Memory: 8GB DDR4-2400, Storage: Intel 600p SSD, Intel UHD Graphics 620, OS: Windows\* 10 Intel® Core™ i7-7500U Processor, PL1=15W TDP, 2C4T, Turbo up to 3.5GHz, Memory: 8GB DDR4-2133, Storage: Intel 600p SSD, Intel HD Graphics 620, OS: Windows\* 10 Vs. 5YO:

Intel® Core™ i5-8250U Processor, PL1=15W TDP, 4C8T, Turbo up to 3.4GHz, Memory: 8GB DDR4-2400, Storage: Intel 600p SSD, Intel UHD Graphics 620, OS: Windows\* 10 Intel® Core™ i5-3317U Processor, PL1=15W TDP, 2C4T, Turbo up to 3.6GHz, on Dell\* XPS 12, Memory: 8GB DDR3, Storage: SSD, Intel HD Graphics 4000, OS: Windows\* 10

#### **Battery Life Configurations**

#### **4K Battery Life Configurations:**

Intel® Core™ i7-8550U Processor, PL1=15W TDP, 4C8T, Turbo up to 4.0GHz, Memory: 8GB DDR4-2400, Storage: Intel 600p SSD, Intel UHD Graphics 620, OS: Windows\* 10, Battery Size: 70WHr, Screen: 4K, Windows 10 Power Slider – Better Performance

#### 1080p Battery Life Configurations:

Intel<sup>®</sup> Core<sup>™</sup> i7-8550U Processor, PL1=15W TDP, 4C8T, Turbo up to 4.0GHz, Memory: 8GB DDR4-2400, Storage: Intel 600p SSD, Intel UHD Graphics 620, OS: Windows\* 10, Battery Size: 40WHr, Screen: 25x14 12", Windows 10 Power Slider – Better Performance

