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Fact Sheet

Ultrabook™ Vision Realized with New 2-in-1s Based on 4th Generation Intel® Core™ Processor Family

June 4, 2013 –Intel Corporation in May 2011 unveiled its vision to re-invent the mobile computing experience as we know it with the introduction of a new category of mobile device -- called Ultrabook™ -- that delivers the most complete and satisfying computing experience. Ultrabooks offer superior performance with great battery life, have built-in security and are ultra responsive – all in ultra sleek and sexy devices.

In June 2012, Intel advanced into the second wave of Ultrabook based on 3rd generation Intel Core processors. These Ultrabooks enhanced users' computing experiences and enabled more choices in style and design while delivering increased responsiveness, improved power efficiency, great security and up to 2x better media and graphics. In the second half of 2012, Intel further evolved the Ultrabook experience on select systems with the introduction of touch- and voice-based experiences in traditional clamshell and convertible designs.

The introduction of 4th gen Intel Core ushers in a wave of new Ultrabook "2-in-1" devices that deliver a PC when you need it and a tablet when you want it. Designed specifically for Ultrabook, these new systems represent a giant leap in capabilities by delivering all-day battery life with incredible performance, unprecedented graphics and touch in stunning and unique designs.

4th gen Core based Ultrabook™ Features

- Thin designs
 - Ultrabook devices are 20mm or less in thickness for systems with displays smaller than 14 inches and 23mm or less for systems with displays 14 inches or larger; many systems are much thinner.
- Responsive
 - Ultrabooks wake up in a flash -- going from a very deep sleep state (S4) to screen on in less than three seconds, and wake up from "sleep" mode even faster; additionally, they include SSDs or SSD caches that deliver faster access to favorite applications and data.
 - The latest Ultrabooks deliver always fresh data; waking up occasionally to pull data with minimal power consumption still allowing for more than seven¹ days of standby on a single battery charge.
- Interactive
 - All Ultrabooks now have touch capabilities and also include Intel® Wireless Display (Intel WiDi) as well as support robust Wi-Fi technology. Ultrabook devices provide the ultimate interactive user experience with multi-screen touch capabilities and all of the benefits of Windows 8* technology.
 - Intel WiDi 4.1 brings 'touch and flick' capabilities and speed mode for low latency, low power panel refresh, and delivers smoother video play back for a cinema like movie watching experience.
- Voice Command/Control
 - Ultrabooks include a dual element array microphone which when coupled with the appropriate software, takes advantage of the local processing power to execute such voice commands as controlling media playback, updating social networks and performing Internet searches.
- Extended battery life

- The latest Ultrabook devices are capable of offering more than six hours of full HD media playback and over nine hours of idle power.
- Security Built In
 - Intel® Anti-Theft (Intel AT) technology is a hardware-based technology that makes it possible to lock down an Ultrabook if it's lost or stolen, secure sensitive information stored on the device's hard drive and reactivated to full functionality if recovered.
 - Ultrabook systems come enabled with anti-virus and anti-malware protection that offer active real-time scanning and removal, as well as Intel® Identity Protection technology, which provides a more secure online experience for activities such as shopping, banking and gaming and is a more secure approach than software-only authentication.
- Fast I/O
 - Ultrabooks based on 4th generation Intel Core processors have at least one USB 3.0 port and Thunderbolt technology to enable incredibly fast transfer capabilities.

For the past two years, the Ultrabook has played an important role to help reinvigorate innovation in computing. Intel innovation and the introduction of the Ultrabook category has inspired a significant amount of new designs and capabilities. With the introduction of 4th generation Intel Core processors, Intel continues to deliver on the vision for Ultrabook as a multi-year, industry-wide endeavor to a superior computing experience.

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

¹ 7-day Standby battery life achieved on Ultrabook devices configured with 4GB DRAM capacity; SKU variants with larger DRAM capacity may result in lower Standby battery life.

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