



News Fact Sheet

Intel Momentum on Android, Chrome Continues

SoCs, security, software part of Intel's comprehensive support

June 25, 2014 — Intel Corporation continues to advance its support of the Chrome* and Android* operating systems fulfilling its commitment to customers who demand operating system choice.

Intel has been working closely with Google on multiple levels to optimize Android for Intel processors, including co-developing the Android Runtime both for 32-bit and 64-bit processing, as well as ensuring the Google software development kit and native development kit support Intel processors. Intel continues to be one of the top contributors to the Linux Kernel, AOSP and Chromium, upon which Android and Chrome OS are based.

A testament to Intel's dedication to both operating systems, Intel worked with many OEMs, ODMs and carriers around the globe to deliver over 80 Android-based tablets and more than 20 Chrome-based devices powered by Intel processors that will be in market by the end of 2014.

Android TV: Google announced an exciting new interactive home entertainment platform that will bring new experiences to consumers. Google and Intel will work together to bring this platform and experience to market.

Android Security: Intel has a long history in helping OSVs, OEMs and ODMs secure their platforms. Earlier this year Intel outlined plans to supplement Android KitKat security capabilities with features to proactively block and secure devices from malware, and Intel fully supports Google's efforts to include additional security features in Android L release. Going forward, Intel will continue its collaboration efforts with Google, OEMs and ODMs to advance the state of security in Android devices.

64-bit SoCs: Intel is the industry's 64-bit leader, having innovated and shipped 64-bit processors for more than 10 years. Earlier this year, Intel released a 64-bit kernel for Android which was the start of a broader mobile ecosystem transition to 64-bit computing. Additionally, its latest Intel® Atom™ processors (Bay Trail, Moorefield and Merrifield) are 64-bit enabled. Intel and Google have been working together to further the features within Android L release, including 64-bit support and the new Android Runtime which provides dramatic experiential benefits to users.

Chrome OS: Intel is the No. 1 microprocessor in Chrome OS systems with 20 designs in market or coming later this year. Intel® Celeron® branded Chrome devices, based on the



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Intel Bay Trail-M system-on-chip (SoC), are available today and deliver up to 11 hours of battery life¹. They are fanless, quiet, thin, light, affordable and many are touch enabled. Coming this summer are the most powerful OEM Chromebooks on the market based on the 4th Gen Intel® Core™ i3 processor, enabling devices that are extremely responsive and smooth². Intel processors are the first, and only, processor to support 64-bit Chrome OS, on which developers can create world-class Chrome apps on Intel hardware and software. All of these new Chrome systems are based on conflict-free microprocessors³.

App Development Tools and Resources: Intel is working to make Android and Chrome OS application development and innovation easier by providing a number of tools and resources that ease the development process. One such platform is the Intel® Integrated Native Developer Experience (INDE) which helps developers integrate C++/Java tools into popular integrated developer environments, thus improving workflow. Intel® System Studio for Android is a tool suite that includes a number of offerings designed to improve app performance, such as identifying bottlenecks within apps that can then be targeted and corrected. Additionally, Intel® XDK is a cross-platform development tool that includes Crosswalk*, a high-performance web runtime based on Chromium, which includes key features like WebGL and Web Audio. Additional information on these and other Android software development tools available create by Intel can be found at the Intel® Developer Zone at software.intel.com/android and software.intel.com/chrome.

¹Testing conducted by Intel on the ASUS 11.6 inch C200 using Google Chrome OS power_LoadTest. Battery life will vary and the maximum capacity of the battery will naturally decrease with time and usage. See <http://www.chromium.org/chromium-os/testing/power-testing> for test details.

² On WebXPRT* 2013, Acer* C720P with Intel® Core™ i3-4005U Processor scores over 4x of the Samsung* Series 3 Chromebook* XE303C12. On Octane* 2.0, Acer* C720P with Core™ i3-4005U Processor scores over 2x of the Samsung* Series 3 Chromebook* XE303C12. In a multi-tasking scenario of handling a document while running a Google* Hangouts* session, the Acer* C720P with Intel® Core™ i3-4005U Processor opens the document over 2x faster than the Samsung* Series 3 Chromebook* XE303C12

³"Conflict-free" means "DRC conflict free", which is defined by the US Securities and Exchange Commission rules to mean products that do not contain conflict minerals (tin, tantalum, tungsten and/or gold) that directly or indirectly finance or benefit armed groups in the Democratic Republic of the Congo (DRC) or adjoining countries.

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