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Booth Demo Fact Sheet

Intel® Computex 2011 Booth Demonstrations

May 31-June 4, 2011 – At the 2011 Computex Show, Intel Corporation is showcasing innovative mobile technologies, including new, innovative 2nd Generation Intel® Core™ processor-based laptops, Intel® Atom™-based tablets, and convertible and slider netbooks running Windows*, MeeGo*, Android* and the open MeeGo* platform. Intel is also demonstrating cloud-management platforms, powerful workstations and small-business security applications.

Explore the Intel booth to find the latest hardware and software technology innovations for mobile personal computing devices. Intel's booth is located at M0410, TWTC Nangang, 4F.

Technology demonstrations onsite include:

2nd Generation Intel Core Processor Family – Visibly Smart Performance You Can See and Feel

Ultra-thin Laptops – 2nd Generation Intel Core processor family brings together smart performance, enhanced battery life and visual features built into a sleek design that's light enough to carry all day. Today's ultra-thin laptops have unique features such as breathable keyboard, rimless design, boot-up responsiveness, and a fast charge battery. Stop by to see the latest products from Acer*, Asus*, Dell*, Lenovo*, LG* and Samsung*.

New Intel® Z68 Express Chipset – Take control and master your experience with Intel Z68 Express Chipset and 2nd Generation Intel Core processor-based PCs. This new platform delivers the most flexibility and best performance for the LGA 1155 socket, providing all the tools necessary to customize your PC experience. Demonstrations include performance tuning, built-in media transcoding, Intel® Smart Response Technology, and high-end gaming with switchable graphics.

Innovative All-in-One (AIO) desktops – Based on the 2nd Generation Intel Core processor family, these products deliver sleek style without performance compromise. Today's AIOs deliver unique features, such as multi-touch, integrated wireless, HD resolution displays, and Blu-ray* Disc HD playback. See the latest products from several vendors, including HP*, Lenovo*, Acer*, Asus*, and LG*. In addition, Intel has developed a Mini-ITX board form factor to drive channel adoption of AIO PCs. By providing off-the-shelf components, Intel and its partners are helping make the AIO desktop more accessible to channel system integrators and local resellers worldwide. Check out Intel's showcase of boards, chassis and thermal solutions from Intel, Gigabyte*, ECS* and Mitac*.

Intel® Quick Sync Video Technology – Built right into 2nd generation Intel® Core™ processors, Quick Sync Video Technology is breakthrough hardware acceleration that lets you complete in minutes what used to take hours. Create DVDs or Blu-ray* discs, edit videos, convert video files for your portable media player, and convert videos for upload to your favorite social networking sites—all in a flash. See this technology in action.

Intel® Wireless Display (WiDi) – Share your laptop and AIO content wirelessly on your TV. 2nd Generation Intel Core processor-based PCs with Intel WiDi enable full 1080p HD content to be wirelessly streamed to your television. Attendees will witness the simplicity of connecting to the adapter and playing a movie on their HDTV while simultaneously running a different project on their PC without interruption using the new Intel® WiDi Widget.

A Visibly Smart PC Experience for the Next-Generation Internet (HTML5.0) – Immerse yourself in the visually rich next-generation Internet with 2nd Generation Intel Core processors. Intel® Turbo Boost Technology 2.0 brings performance that adapts and responds to your needs while built-in visuals provide everything you need to enjoy stunning and seamless visual experiences, built into your processor. That's visibly smart.

Intel® InTru™ 3D Technology – One more way Intel built-in visuals deliver an immersive PC experience that simply pulls you in. Come to the booth to view AIO PCs and a laptop with integrated 3-D screens made possible with embedded Display Port and Intel InTRU 3D technology.

Intel® Insider™ – With Intel Insider, hundreds of movies in full 1080p HD from leading movie studios are now available for purchase or rent on a 2nd Generation Intel Core processor-based PC. This demonstration illustrates the simplicity of purchasing or renting movies, and the ability to watch movies in visually stunning 1080p HD.

Great Mainstream Gaming Built-In – For mainstream games, built-in Intel® HD Graphics deliver discrete 3-D graphics performance without the added cost and power of a discrete graphics add-in card. Featuring Intel's highest frames-per-second and additional headroom for dialing up game settings, gamers will rethink the need for extra hardware.

Motion Controlled PC Gaming – 2nd Generation Intel Core processor-based PCs make it possible to deliver a powerful living room gaming experience using Valve Portal 2* and Razer Hydra* controllers enabled by Sixense TrueMotion* Technology. In this hands-on demo, you will game using the motion-based controllers and be wowed by the seamless and smooth gaming experience.

Intel® Identity Protection Technology – This technology helps to better protect your identity and assets online by establishing an additional trusted link between your PC, your accounts and favorite places online. This demonstration shows how the technology guards against hijacking of accounts with a dynamic hardware-generated number code that changes frequently to make guessing or predicting it extremely difficult.

Thunderbolt™ Technology – This technology offers unprecedented performance, simplicity, and flexibility for connecting your PC and related devices. Intel is showing six streams of HD uncompressed video coming from the Promise* storage array to the MacBook Pro over a Thunderbolt cable using PCIe at 800MBs. Thunderbolt Technology is a great choice for media creators and consumers alike who want to connect their PCs to displays, cameras, legacy I/O, and high-performance storage over a single cable.

Netbook and Tablet Momentum

Netbooks: Exciting Innovations Enabled by the Intel Atom Processor – Netbooks continue to evolve into new and exciting form factors that offer personal computing experiences, with

designs such as sleek convertibles and sliders, and remain an interesting opportunity for Intel and our customers with the rich, immersive usage models offered by Intel Atom processors. To aid in delivering the best Internet experience, Intel Atom processors are specifically designed for low-power, energy-efficient performance with longer battery life. The Intel Atom processor continues to be the processor of choice for the netbook category, enabling almost 100 million mobile companion devices since 2008.

- The Intel display features the latest netbook designs including 2nd generation Acer* Aspire One Happy series, Asus* Eee PC X101, Dell* Inspiron duo, Fujitsu Lifebook MH330, HP* Mini 210, iRU* Intro 2, Jolibook*, Lenovo* IdeaPad S100, LG*, MSI*, Toshiba*, Gateway*, as well as the new Intel processor-based classmate PCs.
- Attendees can experience the new Google* Chromebook devices from Samsung* and Acer* powered by the dual-core Intel® Atom™ processor N570 and running the Chrome open source operating system.

Intel Atom Processor-Based Tablets: Rich Experiences at Your Fingertips – Tablets have emerged as both an innovative and intimate way to experience consumer computing usages, such as rich Internet browsing and immersive multimedia experiences. Intel displays the latest tablet devices based on Intel Atom processors, including the recently launched Intel Atom processor Z670, from OEM customers including Fujitsu*, Lenovo*, Motion*, MSI*, Open Peak*, Toshiba*, Viliv*, and WeTab* and ODM customers such as BYD*, Clevo*, Compal*, CZC*, ECS*, Foxconn*, Inventec*, Lengda*, Malata*, Pegatron*, Quanta*, Topstar* and Wistron* to help enable great performance, high-definition multimedia and all-day battery life. The booth showcases a range of form factors based on multiple software operating systems, including Windows*, MeeGo*, and Android*. Intel is also providing a sneak peek into innovative tablet devices launching later in the year.

- **Google Android 3.0 “Honeycomb”** – For the first time, attendees can experience Google Android 3.0 (“Honeycomb”) on tablet systems powered by Intel® Atom™ processor Z670 series. Attendees can also play with a range of apps including Pandora*, Facebook*, CNN*, eBay* and Solitaire*.

Software Innovations

MeeGo*: Open for Customization – Experience the lightweight and agile MeeGo open source operating system on a range of tablets running Linpus*, RedFlag* and Splashtop* software. Attendees can interact and experience the full functionality of the MeeGo user interface using social media, map, photo and barcode reader apps on multiple tablets and netbooks running MeeGo v1.2. Attendees also can use voice commands to interact with a 3-D avatar to control specific apps on a tablet using the Existor’s “Alive Interface.” This demonstration also features MeeGo* on tablets and netbooks with various social apps including Facebook*, Twitter* and Livejournal*.

Intel AppUpSM Center Beta for MeeGo Netbooks and Tablets - The Intel AppUpSM center is an online store offering thousands of free and paid apps to enhance the experience for netbooks and PCs on Windows and now MeeGo. Attendees can experience such features as free apps, “try before you buy” trial period for paid apps and peace of mind with apps validation by Intel.

Leading-Edge Communications

World’s Smallest HSPA+ Solution for 3G Smart Phones ([XMM™ 6260](#)) – Intel Mobile Communications is shipping the XMM™6260 platform to key customers. The fourth generation of this successful 3G platform underscores IMC’s technology leadership, while providing

customers with lower costs and space savings, which significantly increase design flexibility to create unique and feature-rich handsets and mobile Internet cards with innovative form factors. The solution is optimized for smartphone architectures and is coupled with an application processor or as a standalone solution for PC modems and data cards. The advanced HSPA+ platform is based on the X-GOLD™626 baseband processor and the SMARTi™UE2 RF transceiver. Combined with the 3GPP Release 7 protocol stack, the XMM 6260 platform comprises a fully integrated HSPA+ system solution supporting HSPA category 14 (21Mbps) in the downlink and category 7 (11.5Mbps) in the uplink. The XMM 6260 smartphone modem platform enables HSPA+ designs in less than 600mm² Printed Circuit Board area, making them the smallest comparable solutions worldwide.

Intel in the Clouds

Intel® Trusted Execution Technology Demonstration – As it moves to the cloud, IT is facing two key challenges: security and compliance. [Intel® Trusted Execution Technology \(Intel® TXT\)](#) ensures that only a trusted hypervisor is running on the platform, and protects the server prior to the virtualization software boot by launching protections that complement run-time malware protections, such as anti-virus and intrusion detection. It also enables the migration of virtual machines onto other trusted platforms. Intel TXT sets up trust and security guarantees in the data center to facilitate the secure transmission of services across devices that make up a public or private cloud.

Policy Based Management – Today, the monitoring and dynamic management of power and application performance in a virtualized cloud environment is an essential step to create an efficient data center. Policy decisions based on workload service level agreements, along with the related migration and management of virtual machines to ensure that servers adhere to such policies, are critical to meet the service levels and achieve cost savings through power and infrastructure optimization. This demonstration shows how data centers can reach these goals using [Intel® Xeon® 5500 and 5600 series servers](#) with [Intel® Intelligent Power Node Manager technology](#), and how these capabilities can be leveraged through a plug-in available via the virtualization layer.

Scale-Out Storage – Traditional storage limits the ability of applications to migrate among geographic boundaries. EMC's cloud-ready storage platform, EMC Atmos*, supports seamless movement across data centers and the cloud, allowing IT managers to easily view and manage different storage pools across disparate networks. This demonstration shows a capacity-based, scale-out storage cloud architecture using Intel Xeon processor-based servers to deliver efficient storage and retrieval of data through Internet portals. EMC Atmos combines multi-petabyte scalability with automated data placement and granular control to deliver information efficiently and cost effectively, and creates a multi-site, capacity-optimized cloud storage deployment. This reference architecture will be particularly useful for large enterprises that want to implement a cloud infrastructure across geographically dispersed data centers.

Intel® vPro™ Technology Security for Small Business

Small Business Server Remote Diagnosis & Repair with Intel vPro Technology Add-in – In this demonstration, Intel runs an Intel vPro Technology Add-in application developed for Microsoft Windows Small Business Server 2011 Essentials* that supports remote diagnosis and repair of systems on the network, even if they are powered down or if the OS is unresponsive. In

addition, the vPro Add-in enables the IT administrator to remotely power on and power down systems.

Workstations Drive Powerful Computing

Personal Workstations Powered by the Intel® Xeon® Processor E3 Family for CAD, Media & Entertainment Applications – Workstations powered by the Intel® Xeon® processor E3 1200 not only benefit from the intelligent performance of the processor, but also deliver the necessary graphics performance demanded by many CAD, media and entertainment applications with the on-die Intel® HD Graphics P3000 capabilities. In this demonstration, an Intel Xeon processor E3-based workstation runs the SolidWorks* 3-D CAD application's graphics faster as a result of the Intel HD Graphics P3000 as compared to a desktop PC powered by the 2nd Generation Intel Core processor with Intel HD Graphics 2000.

Embedded Technology Comes to Life

Hospital Room Bedside Terminal from Avalue* – There is growing demand for connectivity in health care to accommodate the needs of health care professionals and patients in hospital. The bedside terminal has become a significant point-of-contact device in improving the health care performance and hospital logistic efficiency. Based on 2nd Generation Intel Core processors, this wireless bedside terminal is reliable, easy to use, and offers rich video graphic resolution combined with seamless connectivity to benefit health care professionals and patients. This bedside terminal unit provides patient bedside information as well as entertainment features and can be mounted to the wall or placed on a nursing cart for ease in transporting.

The Connected Car – Automotive solutions that use the Intel Atom processor are driving new ways for drivers and passengers to stay connected from any car seat. The devices have intelligence to enable access to the best media and online applications. They allow for more versatility, to wirelessly transfer content from the home PC to the car and even enable the driver and passengers to communicate with people in other cars when on-the-go. The devices provide a more personal and safer online experience that helps keep people in touch and in synch with features such as 3-D and context-aware navigation, voice-controlled applications, location-based services, text-to-speech capability and a variety of Internet applications.

Intel® Digital Signage Endcap – This digital signage proof-of-concept features Intel® AIM Suite, a video analytics capability from Intel that can anonymously gather viewership metrics such as gender, age and dwell time of the viewer. Intel AIM Suite allows advertisers to more effectively target audiences with relevant content, and more accurately track return on investment. The digital sign also features mobile phone interactivity that would allow shoppers to use their smartphone to receive e-coupons that complement product promotions or service offerings. The proof-of-concept, based on 2nd Generation Intel Core processors, also includes gesture recognition and Intel vPro Technology.

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