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Intel Executive Says Powerful Processors, WiMAX to Bring Full Internet to Mobile Devices

New Intel Products, Innovations to Expand Internet's Reach, Boost HD Entertainment

TAIPEI, Taiwan--(BUSINESS WIRE)--

Intel Corporation:

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The news: Availability this week of Intel(R) 4 Series Chipsets for
 mainstream desktop PCs and Intel(R) Atom(TM) processors, formerly
 codenamed Diamondville, for an emerging class of compact, easy-to-use
 devices to connect to the Internet.

The context: More than 100 products will be showcased this week based
 on these new Intel technologies at Computex, one of the world's
 largest technology trade shows.

Why it matters: The computer industry is addressing the rising trend
 of creating, storing and sharing high-definition videos on PCs, as
 well as double-digit growth in the mobile computing segment.
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Intel Corporation executive Sean Maloney today said more powerful microprocessors and high-speed WiMAX wireless networks will usher in a new era of the full Internet on mobile devices.

During the opening keynote speech at one of the world's largest technology trade shows, Maloney also unveiled new chipsets that make high-definition (HD) images on a desktop computer's screen look more realistic. He also announced the availability of new versions of Intel(R) Atom(TM) processors for an emerging class of compact, easy-to-use devices called netbooks and nettops that will bring the Internet to new users.

"The convergence of mobile computers, WiMAX wireless broadband, and powerful, HD-rich computer technologies point to a tremendous growth opportunity," said Maloney, Intel Corporation executive vice president and general manager, Sales and Marketing Group. "Individuals -- not households -- will drive the next era of growth with people each owning one or more computing devices. People have an innate desire to be 'connected' all the time and see personalized, mobile technology as the way to meet that need."

Intel Technology Helping Industry Address Growth Opportunities

With the emergence of the netbook category this year, Intel believes that this will be the first year that more mobile computing devices will be sold than desktop computers. The company is delivering a variety of high-performance, low-power processors and other advanced computer technologies to help the industry address this opportunity with devices at all price points.

Maloney showed approximately 100 Intel(R) processor and chipset-based motherboards, netbooks and nettops that computer makers are showcasing at Computex this week. Netbooks are compact mobile devices that children, first-time Internet users and people who desire an extra PC can use for basic computing applications, listening to music, e-mailing and surfing the Internet. They can also be used for playing basic online games, social networking and making voice over IP phone calls.

The new Intel(R) 4 Series Chipsets will be used in mainstream desktop PCs powered by the latest 45nm Intel(R) Core(TM)2 Duo and Intel(R) Core(TM)2 Quad processors. Maloney said people want to store all their HD videos, photos, games and music in one "central library" and be able to access it from portable Internet-connected devices while on-the-go.

"The Internet is going 'high-def,'" Maloney said. "Desktop PCs with these new chipsets let you enjoy, share and protect your digital life. They have the processing power and graphics to deliver stutter-free HD video playback, improved 3-D performance and leading storage capabilities."

WiMAX: The Network for Mobilizing Web 2.0

Maloney said ubiquitous wireless Internet access is required to mobilize how people are using the Internet today for things such as creating and watching videos, playing games and sharing photos. He said mobile WiMAX will make the Internet open, fast and mobile and it's quickly progressing toward a healthy global footprint. Informa Telecoms reports that carriers are deploying more than 281 fixed or mobile WiMAX networks today.

Chii-ming Yiin, Taiwan's minister of Economic Affairs, also addressed the keynote audience via video. He described how WiMAX represents the next growth opportunity for Taiwan's technology industry with local hardware, services and network infrastructure companies developing complete WiMAX solutions for use worldwide.

"Mobile WiMAX is the right solution and it's happening now," Maloney added. "Wireless networks will be how the majority of people get connected and they have to be Web 2.0 capable. That means they've got to have a lot of bandwidth to send data either to or from devices at a rapid-fire pace."

During the week of July 14 Intel will also introduce processors and some chipsets for its next-generation mobile PC platform called Intel(R) Centrino(R) 2 processor technology -- formerly codenamed Montevina -- for high-performance laptops. Intel's full line of chipsets and its Wi-Fi wireless product will ship in early August.

Intel has developed an integrated WiMAX/Wi-Fi solution, codenamed Echo Peak that will be available as an option for certain Intel(R) Centrino(R) 2 processor technology-based notebook PCs. The company aims to enable initial availability of certain WiMAX-enabled notebook PCs in the United States later in the second half of the year depending on

individual computer maker plans and WiMAX network availability, with system and network availability expected to increase in 2009.

The webcast of Maloney's keynote will be available for replay at http://intelstudios.edgesuite.net/computex/index.htm. More information about the Intel products introduced at Computex and the technologies demonstrated in the speech is available at http://www.intel.com/pressroom/kits/events/computex2008.

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Source: Intel Corporation