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Intel Introduces '3-Series' Chipsets at Computex

'Extreme' Laptops, Joint Effort on Education Mobile PCs for Children also Unveiled

TAIPEI, Taiwan--(BUSINESS WIRE)--

In his opening keynote at the Computex computer trade show, Intel Corporation Executive Vice President Sean Maloney unveiled the new Intel(R) 3 Series Chipset family along with several other technology plans that surround the company's popular Intel(R) Core(TM) 2 Duo and Quad processors for home and business PC users.

The products enable a number of innovative features for today's PCs such as greater PC performance, clearer definition video and storage technologies that help better protect valuable data. Maloney, also Intel's general manager, Sales and Marketing Group, and chief sales and marketing officer, said the chipsets are also designed to be used with the company's upcoming Intel 45 nanometer (nm) "Penryn family" processors expected later this year. More than 100 motherboard designs are underway, and he expects the new chipset family to be the fastest growing in Intel's history.

"There is a tremendous amount of excitement and anticipation for our forthcoming 45nm Hi-K processors based on the Intel(R) Core(TM) microarchitecture," Maloney said. "The Intel 3 Series chipsets lay the foundation for an exciting, media-rich experience for today's systems and those that arrive later this year."

Maloney also said that Intel and Asustek are working together to offer a family of education focused, low-cost mobile PCs, with one model below $200. Asustek's mobile PCs will play a key role in Intel's World Ahead program that aims to accelerate access to fully featured computers and technology for anyone, anywhere around the world.

Maloney also disclosed plans for an Intel Core 2 Extreme mobile processor product to be released by Intel in the third quarter of this year. The plan follows the company's Extreme Edition brand introduced for desktop PCs in 2003 and extends it to laptops, which continues to be the fastest-growing computing market segment. The upcoming chip is targeted to be the company's highest-performing mobile dual-core processor that still includes energy-saving power features for notebook-friendly designs.

New Chipsets Advance Consumer, Business Experience

The Intel(R) 3 Series Chipsets, formerly codenamed "Bearlake" enable exceptional PC performance while helping to enable improved energy efficiency, system design and quietness. Computers with these chipsets can deliver CE-like video and sound quality and

new data security and manageability features for business users and will be the foundation for Intel's next-generation Intel(R) Viiv(TM) processor technology and Intel(R) vPro(TM) processor technology, codenamed Salt Creek and Weybridge, respectively.

The Intel 3 Series Chipsets support DDR2 up to 800MHz, or DDR3 memory with data transfer speeds up to 1333 MHz, enabling speedy access to files and a more responsive PC. The chipsets also support PCI Express(a) 2.0, which doubles the available bandwidth for graphics cards and are engineered to support Intel(R) Turbo Memory which enables faster application loading and boot times.

The Intel 3 Series Chipsets also includes versions with integrated graphics called the Intel(R) G33 and G35 Express Chipsets. These products will include Intel(R) Clear Video Technology which can enhance video playback and supports the High Definition Media Interface (HDMI). System manufacturers can also support HD DVD(a) and Blu-ray(a) disc playback with these chipsets at a lower system cost than most discrete graphics cards. Additionally, the G35 integrates hardware support for MS DX10 for smoother, more realistic 3D applications.

Intel(R) graphics fully support Windows(a) Vista Home Premium and the Windows(a) Aero interface. All of the Intel 3 Series Chipsets enable users to add up to six external drives to a PC for extra data protection and performance, Intel(R) High Definition Audio for up to 7.1 theater-like surround sound quality and Intel(R) Quiet System Technology to help enable reduced system noise and heat for a much quieter, yet high-performing PC.

The Intel(R) G33 and P35 Express Chipsets have been shipping since April, while the Intel(R) Q33 and Q35 Express Chipsets are shipping now ahead of their Q3'07 introduction. The Intel(R) G35 Express Chipset and the advanced Intel(R) X38 enthusiast chipset with dual graphics support will ship within 90 days.

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