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News Fact Sheet

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INTEL UNVEILS FOUR DESKTOP BOARDS FOR MAINSTREAM AND MULTIMEDIA CONSUMERS

INTEL DEVELOPER FORUM, San Francisco, Aug. 19, 2008 – Intel Corporation today launched four motherboards designed for multimedia and mainstream desktop users. Aimed at providing a rich digital home entertainment platform for consumers, these boards are positioned to tap the growing popularity of online videos, music and digital entertainment content.

“With the richness of the digital content available today, consumers are now looking for the ultimate in home audio-visual experience,” said Tom Rampone, vice president of Intel’s Sales and Marketing Group, and general manager, Channel Platforms Group. “Today’s home PC users demand a heightened audio-visual experience clear and sharp enough to almost mimic reality. Intel® Desktop Boards provide the ideal platform to best balance PC processing power to match digital lifestyle needs.”

The Intel® Desktop Board DG45ID Media Series and Intel® Desktop Board DG45FC Media Series feature support for Intel® Core™ 2 Processors, Intel® G45 Express Chipset, Intel HD Video and Dolby Home Theatre. The Intel® Desktop Board DG43NB Classic Series and Intel® Desktop Board DP43TF Classic Series features support for Intel® Core™ 2 Quad and Duo Processors. With such a variety of choice, these boards offer the ideal toolkit for system builders and can be customized to fit the needs of differing consumers.

The four new desktop motherboards also include Intel® Remote Wake Technology — a new feature which enables a multitude of capabilities by allowing anytime access over the Internet to home PCs, even while these PCs are in energy-efficient sleep mode.

The Intel® Desktop Board DG45ID Media Series is targeted at home entertainment users who want to bring best-in-class entertainment to their living rooms. Built to support Intel® Core™2 Quad** and Intel® Core™2 Duo processors, it features quad-core and dual-core processing with 1333/1066/800 MHz system bus in the LGA775 package. The board is coupled with Intel® G45 Express Chipset and offers the next level of integrated graphics performance with Intel® Graphics Media Accelerator X4500HD (Intel® GMA X4500HD) with Intel® Clear Video Technology. For greater platform performance and flexible memory support, there is dual-Channel DDR2 800/667 memory support, four DIMM sockets, designed to support up to 8 GB of DDR2 800/667 SDRAM memory. In addition, there is one PCI Express* 2.0 x16 graphics connector delivering up to 16 GB/s bandwidth per port, double that of PCI Express 1.0. The motherboard has five Serial ATA ports (3.0 Gb/s) with RAID capability to facilitate high-speed storage and data transfers at up to 3.0 Gb/s with data protection features. Equipped with Intel® 82567LF Gigabit Ethernet Controller, it features onboard 10/100/1000 Mb/s Ethernet LAN connectivity. Moreover, users can enjoy the rich sound quality of Intel® High Definition Audio with 7.1 surround sound with Dolby* Home Theater.

Intel® Desktop Board DG45FC Media Series is a small and powerful platform that caters for a rich digital home entertainment experience. Built in mini-ITX form factor with integrated HDMI + DVI display outputs, together with high-definition playback hardware acceleration decode, the board supports Intel® Core™2 Duo processors with 1333/1066/800 MHz system bus in the LGA775 package. The board is paired with the Intel® G45 Express Chipset which delivers up to 4 GB support for DDR2 800/667 SDRAM memory. There are five Serial ATA ports (3.0 Gb/s) with RAID capability and an Intel® 82567LF Gigabit Ethernet Controller. The board features Intel® High Definition Audio with 7.1 surround sound and is coupled with Dolby* Control Center interface. There is also one PCI Express x1 connector, 10 Hi-Speed USB 2.0 ports, and one eSATA back port.

Intel® Desktop Board DG43NB and **Intel® Desktop Board DP43TF** are ideal mainstream platforms for digital home entertainment and home application users. These boards deliver reliability, affordability and versatility to meet a variety of digital needs. They are coupled with the power of the Intel® Core™2 Quad and Intel® Core™2 Duo processors that allow you to experience a whole new digital exhilaration. The new Intel DG43NB Desktop Board also brings in a new generation of graphics capabilities including the Intel® Graphics Media Accelerator X4500 with Intel® Clear Video Technology that enables the user to experience enhanced HD video playback. Premium features such as the rich sound quality of Intel® High Definition Audio with 5.1 surround sound, an Intel® PRO 10/100/1000 Network Connection, and IEEE 1394a are also supported by both boards to deliver a greater digital entertainment experience. Intel Desktop Board DG43NB and Intel Desktop Board DP43TF are both Microsoft* Windows Vista* Premium WHQL certified. The Intel® Desktop Board DG43NB is based on Intel® G43 Express Chipset and the Intel® Desktop Board DP43TF is based on Intel® P43 Express Chipset.

For more information about these new Intel® Desktop Boards, visit:

www.intel.com/products/desktop/motherboard

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