

-- GIGABYTE at CeBIT 2009 --

-- Leading Industrial Quality Standards and Technology Innovations --



Taipei, Taiwan, March 03, 2009 – GIGABYTE Technology Co., LTD, a leading manufacturer of motherboards and graphics cards is proud to showcase latest range of high performance, low working temperature motherboards featuring GIGABYTE's proprietary Ultra Durable™ 3 Technologies, including a sneak peek of the first AMD platform DDR3 solution, the GA-MA790FXT-UD5P with support for the new AM3 processors, as well as demonstrations of the latest Intel® Core™ i7 platform motherboards based on Intel's X58 chipset.

GIGABYTE is again excited to participate in CeBIT 2009, highlighting their latest Ultra Durable 3™ technology on their latest lineup of motherboards. GIGABYTE once again leads the motherboard industry for the highest quality, most innovative motherboard design with their latest Ultra Durable 3™ technology featuring double the amount of copper for the Power and Ground layers of the PCB. Most traditional motherboard designs utilize a single ounce of copper for each layer, whereas GIGABYTE's ultra Durable 3 motherboards feature 2 ounces per layer.

Intel Platform

To start things off, on display will be live demos of GIGABYTE's flagship X58 motherboard, the GA-EX58-EXTREME as well as the GA-EX58-UD4P, both designed from the ground up to unleash the awesome power of Intel's new Core™ i7 processors and equipped with a host of new features including the new QPI interface, 3 channel DDR3 support, 3 Way SLI™ and CrossFireX™ support, Ultra Durable 3 technology and the industry's most extensive range of overclocking features. The GIGABYTE GA-EX58-EXTREME motherboard features the revolutionary new GIGABYTE Hybrid Silent-Pipe 2, a fusion thermal solution that combines GIGABYTE's proprietary screen cooling technology, external heat sink and liquid cooling with chipset water block to deliver maximum thermal performance.

Also on showcase will be the GIGABYTE GA-EP45-UD3P, delivering native support for DDR2 memory up to 1366+MHz. The GIGABYTE GA-EP45-UD3P features the latest Ultra Durable 3™ technology and GIGABYTE Dynamic Energy Saver Advanced technology, providing optimized power savings, ultra cooling performance and extended system durability.

AMD Platform

On the AMD side, GIGABYTE presents the GA-MA790FXT-UD5P, their first AMD "Dragon Platform" qualified motherboard with next generation AMD AM3 Phenom™ II processors support, enabling the very latest in definitive high performance platforms for work, home and play. Supporting the new AMD AM3 socket, the GIGABYTE GA-MA790FXT-UD5P allows users to elevate their rig beyond the standard limits with support for support the highest performing ever 45nm AMD Phenom™ II processors featuring HyperTransport 3.0 technology. With an integrated DDR3 memory controller in the CPU, the GIGABYTE GA-MA790FXT-UD5P is able to reach memory speeds up to 1666+MHz (OC) for blazing fast memory access for today's latest applications and games with greater energy efficiency.

Advanced connectivity options are key to any high end system, and the GIGABYTE GA-MA790FXT-UD5P delivers with a combined total of up to 10 SATA 2.0 device support, enabling GIGABYTE's Smart Backup technology which allows users to connect up to 4 SATA 2.0 devices for effortless hardware-based RAID data protection on-the-fly. The GIGABYTE GA-MA790FXT-UD5P also features Dual Gigabit LAN connections with Teaming, which allows 2 single connections to act as 1 single connection for twice the bandwidth to improve overall throughput.

Be sure to visit GIGABYTE at CeBIT 2009, **Hall 21 (Booth number: D56)**

GIGABYTE Leading Innovation Technologies

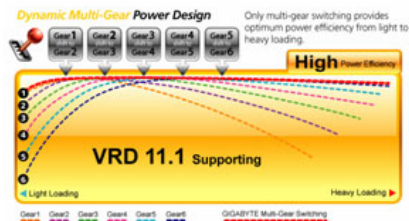
Ultra Durable™ 3 Design



GIGABYTE's Ultra Durable™ 3 technology features 2 ounces of copper for both the Power and Ground layers, which dramatically lowers system temperature by delivering a more efficient spreading of heat from critical areas of the motherboard such as the CPU power zone throughout the entire PCB. GIGABYTE's Ultra Durable™ 3 also lowers the PCB impedance by 50%, which helps to reduce electrical waste and further lowers component temperatures. A 2oz Copper layer design also provides improved signal quality and lower EMI (Electromagnetic Interference), providing better system stability

and allowing for greater margins for overclocking.

GIGABYTE Dynamic Energy Saver Advanced



GIGABYTE's Dynamic Energy Saver (DES) has once again proven itself as the industry leading energy saving technology with newly introduced Dynamic Energy Saver Advanced. Featuring improved algorithms that provide a more accurate power saving calculation, GIGABYTE Dynamic Energy Saver Advanced provides better energy saving capabilities and enhanced system performance. GIGABYTE Dynamic Energy Saver Advanced is the world's only motherboard energy saving technology with hardware-based Dynamic 6-Gear* Switching. With support for VRD 11.1, GIGABYTE's DES Advanced allows the motherboard to switch to 1 Gear phase switching during idle, allowing for a dramatic increase in power savings.



DualBIOS™ - Patented Dual Hardware BIOS Protection

DualBIOS™ is a GIGABYTE patented technology that automatically recovers BIOS data when main BIOS has crashed or failed. Featuring 2 physical BIOS ROMs integrated onboard, GIGABYTE DualBIOS™ allows quick and seamless recovery from BIOS damage or failure due to viruses or improper BIOS updating.

Ultra TPM - Industry's highest level of data Security via onboard TPM

Setting a New standard for Motherboard Security



With a Trusted Platform Module (TPM) chip built-in, GIGABYTE provides TPM hardware-based encryption and decryption with digital signature keys to ensure a maximum level of data protection with 2048 bit encryption. GIGABYTE's Ultra TPM provides an added layer of security by allowing users to store their digital signature key on a USB thumb drive, so that when they step away from their system, they can take the key with them, locking up their data and preventing unauthorized access while they are away. When making the portable user key,

GIGABYTE's Ultra TPM auto deletes the user key in the hard drive, ensuring the maximum level of data protection.

2 Gigabit LAN through Teaming

Teaming functionality enabled allows 2 single connections to act as 1 single connection for twice the bandwidth, improving overall throughput with lower CPU utilization.



Prevent network downtime by transferring the workload from a failed port to a working port.



Receive Side Scaling balances the network traffic load evenly between 2 CPU cores in order to improve performance.



Adjust power consumption automatically according to your LAN cable lengths, up to 10% power savings.

EasyTune6



GIGABYTE has completely redesigned EasyTune6 from the ground up to make it easier than ever to manage and monitor your hardware resources as well as tweak your system settings in order to achieve maximum system performance. Whether you are an

overclocking enthusiast, or a computer novice, EasyTune6 provides the tools you need to quickly and effortlessly fine tune your system.

Precision OV - Hardware Overvoltage Control ICs



GIGABYTE high performance motherboards also include Hardware Overvoltage Control ICs which provide more voltage control options than before for the CPU North Bridge and memory. The overvoltage controllers also provide hardware linear real-time voltage control,

which means there is no delay compared to the GPIO controller in past implementations. In addition, GIGABYTE's Hardware Overvoltage Controller ICs also allow for much finer voltage control, allowing power users to adjust voltage in as little increments as 20mV for better overclocking performance.

Onboard Quick Switches



Onboard Power, Clear CMOS and Reset buttons allow for quick and easy tweaking for power users working in an in chassis environment.

Dolby Home Theater®



GIGABYTE has also included the powerful Dolby Home Theater® suite of audio technologies, which deliver a vivid surround sound listening experience for music, movies, and games, using two to eight speakers or any set of headphones. Designed to automatically deliver the best possible listening experience, Dolby Home Theater® includes Dolby Pro Logic IIx for maximum

surround sound expansion, Dolby Headphone and Sound Space Expander for a virtualized audio experience, and Natural Bass enhancement for the richest quality sound.

About GIGABYTE *Upgrade Your Life*

GIGABYTE, headquartered in Taipei, Taiwan, is known as a global leading brand in the IT industry, with employees and business channels in almost every country. Founded in 1986, GIGABYTE started as a research and development team and has since taken the lead in the world's motherboard market. On top of motherboards and graphics accelerators, GIGABYTE further expanded its product portfolio to include notebook and desktop PCs, digital home entertainment appliances, networking servers, communications, mobile and handheld devices, servicing every facet of people's lives at home or business. Everyday GIGABYTE aims to "Upgrade Your Life" with the most innovative designs and impeccable quality and services. Visit www.gigabyte.com.tw for more information.