



ASUS-exclusive Dual Intelligent Processors Motherboards Deliver a Perfect Harmony of High Performance and Energy Savings

Dual Intelligent Processors optimise system performance and energy efficiency

ASUS has announced a new approach to motherboard design, Dual Intelligent Processors, with two intelligent co-processors responsible for system optimisation towards better performance and greater energy efficiency.

This cutting edge architecture comprises the TurboV Processing Unit, or TPU, and Energy Processing Unit, or EPU. Together they help users benefit from extreme system performance while still conserving the environment by reducing a PC's ultimate carbon footprint.

Performance Processing Unit for Significant Acceleration

The TPU consists of a complete overhaul of ASUS' extant TurboV design, presenting a support processing unit dedicated to speeding up performance in real time while monitoring gains to ensure stability. The TPU relieves much of the stress put on the CPU during intense tasks, tuning overall resources to achieve the fastest performance possible. The TPU supports various ASUS-exclusive performance-tweaking innovations, and an auto-tuning feature which quickly finds optimised system settings to boost output up to 37%.

Delivering amazing performance requires considerable finesse, especially in a user-friendly manner. ASUS TPU technology makes that possible. While manual system tuning calls for expertise and has too many variables that can go wrong, the TPU helps users gain hassle-free improvements so they can enjoy and do more on their PCs, said Joe Hsieh, General Manager of the ASUS Motherboard Business Unit.

Major Savings on Demand

The ASUS proprietary EPU, or Energy Processing Unit, comes in as the second of the Dual Intelligent Processors. It monitors and moderates power consumption, helping users save energy and ultimately lower their carbon emissions. EPU programming keeps close watch on actual usage, reducing consumption during low intensity activities and opening up processing capabilities when needed. When engaged in web browsing, word processing and office activities, this translates into major savings for most users. Performance mode engages automatically on demand, so there's never any lag involved.

ASUS Dual Intelligent Processors technology is available on a full range of motherboards. Please check www.asus.com for further information.

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About ASUS

ASUS, maker of the world's best selling and most award winning motherboards, is a leading company in the new digital era, with a broad product portfolio that also includes notebooks, netbooks, multimedia, graphics cards, displays, desktop PCs, servers, wireless solutions, mobile phones and networking devices. Driven by innovation and committed to quality, ASUS designs and manufactures products that perfectly meet the needs of today's digital home, office and person. ASUS won 3,268 awards in 2009, and is widely credited with revolutionising the PC industry with the Eee PC. With a global staff of more than ten thousand and a world-class R&D design team, the company's revenue for 2009 was US\$7.5 billion. ASUS ranks among BusinessWeek's InfoTech 100, and has been on the listing for 12 consecutive years.

ASUS Motherboards: No.1 in the World

ASUS, maker of the world's best selling and most award winning motherboards, commands the biggest market share globally. Today, one in every three computers houses an ASUS motherboard. ASUS is the pioneer of numerous innovations that have gone on to become industry standards. Recent examples include Dual Intelligent Processors (TurboV Processing Unit/Energy Processing Unit), Core Unlocker and Anti-Surge Protection. With decades of expertise and dedication to pushing the motherboard design envelope, ASUS is poised to

continue leading the industry in performance, safety and reliability.

PR Contact:

Matthew Wu

ASUSTeK Computer Inc.

matthew_wu@asus.com