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AMD Extends Energy-Efficient Processing Leadership with World's First 65-Watt Quad-Core Desktop Processor

AMD Phenom(TM) X4 9100e Processor Enables Full-featured, Sleek and Quiet Quad-Core PCs

SUNNYVALE, Calif.--(BUSINESS WIRE)--

AMD (NYSE:AMD) today announced the availability of the world's first energy-efficient desktop quad-core processor, providing customers with a cool and quiet digital media workhorse. With AMD Phenom(TM) X4 9100e quad-core processors, digital media enthusiasts and performance-hungry users can experience the powerful computing capabilities of a true multi-core architecture with a processor operating at a maximum of 65-watts.

By coupling an AMD Phenom X4 9100e with an AMD 780 series chipset, AMD offers an efficient PC platform that plays Blu-ray movies and delivers a rich computing experience for casual gamers and multimedia enthusiasts. The processor gives consumers extensive multi-tasking capabilities like creating digital content while checking and writing e-mails and simultaneously downloading music files off the Web. AMD Phenom X4 9100e and AMD 780 series based PCs are ideal for consumers and business customers looking for cool, quiet, energy-efficient PCs.

"By infusing energy-conscious design into everything related to AMD -- facilities, products and alliances -- AMD has emerged as a leader in establishing eco-friendly practices. The AMD Phenom X4 9100e processor is our latest endeavor to help customers reduce energy consumption and environmental impact," said Greg White, corporate vice president and general manager, desktop and embedded division, AMD. "Energy-efficient processors from AMD not only enable differentiated solutions, but are extremely conducive to smaller and sleeker form factors like Home Theater PCs that take up less space and operate quietly. PCs such as this can also help reduce energy consumption and the associated environmental impacts of traditional PC form factors."

"Consumers and businesses alike are requesting smaller, more elegant PCs that aesthetically complement home and office environments, offer lower noise for a better computing experience, and deliver the same performance of larger systems," said Jim McGregor, research director and principal analyst, In-Stat. "Energy efficient desktop processors like the AMD Phenom X4 9100e offer greater performance-per-watt over traditional desktop CPUs while addressing the growing concerns of end-users for more energy efficient and eco-friendly products."

The AMD Phenom(TM) X4 9100e processor embodies a series of AMD energy-efficient innovations, including:

-- Cool'n'Quiet(TM) 2.0 technology, the next generation of AMD's award-winning power saving technology;

-- AMD CoolCore(TM) technology, which helps users achieve more efficient performance by dynamically activating or turning off parts of the processor as needed;

-- Independent Dynamic Core Technology, which allows a fully independent frequency control per processor core that can reduce processor energy consumption by adjusting power usage according to core utilization;

-- Dual Dynamic Power Management(TM), which enables a split power plane design, allowing independent voltage planes for processor and memory controller for greater control over performance based on system demands;

-- AMD Wideband Frequency Control, for simplified performance state transitions to help reduce power consumption, latency and software overhead of performance states changes; and

-- Multi-Point Thermal Control, multiple sensors across processor silicon designed to reduce speed and heat when temperature exceeds pre-defined limits.

Availability

The AMD Phenom(TM) X4 9100e processor is expected to be available from leading OEMs and System Builders. For processor pricing details, please visit www.amd.com/pricing. For press collateral pertaining to the new AMD Phenom X4 and X3 models including product specifications and availability, digital images and partner support, please visit www.amd.com/phenom/presskit.

About AMD

Advanced Micro Devices (NYSE:AMD) is a leading global provider of innovative processing solutions in the computing, graphics and consumer electronics markets. AMD is dedicated to driving open innovation, choice and industry growth by delivering superior customer-centric solutions that empower consumers and businesses worldwide. For more information, visit www.amd.com.

Cautionary Statement

This release contains forward-looking statements concerning availability of products from OEMs and system builders, which are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are commonly identified by words such as "would," "may," "expects," "believes," "plans," "intends," "projects" and other terms with similar meaning. Investors are cautioned that the forward-looking statements in this release are based on current beliefs, assumptions and expectations, speak only as of the date of this release and involve risks and uncertainties that could cause actual results to differ materially from current expectations. Risks include

the possibility that Intel Corporation's pricing, marketing and rebating programs, product bundling, standard setting, new product introductions or other activities targeting AMD's business will prevent attainment of AMD's current plans; AMD will require additional funding and may not be able to raise funds on favorable terms or at all; customers stop buying the company's products or materially reduce their operations or demand for its products; the company will be unable to develop, launch and ramp new products and technologies in the volumes and mix required by the market and at mature yields on a timely basis; the company's competitors, customers and suppliers may take actions that will negate the anticipated benefits of the company's acquisition of ATI; demand for computers and consumer electronics products and, in turn, demand for the company's products will be lower than currently expected; global business and economic conditions will worsen, resulting in lower than currently expected revenue in the first quarter of 2008 and beyond; there will be unexpected variations in market growth and demand for the company's products and technologies in light of the product mix that it may have available at any particular time or a decline in demand; the company will be unable to transition to advanced manufacturing process technologies in a timely and effective way, consistent with planned capital expenditures; the company will be unable to maintain the level of investment in research and development and capacity that is required to remain competitive; and the company will be unable to obtain sufficient manufacturing capacity or components to meet demand for its products or will under-utilize its microprocessor manufacturing facilities. Investors are urged to review in detail the risks and uncertainties in the company's Securities and Exchange Commission filings, including but not limited to the Annual Report on Form 10-K for the fiscal year ended December 29, 2007.

Source: Advanced Micro Devices