

Team AMD FX sets Guinness record

September 14 2011, by Nancy Owano



(PhysOrg.com) -- AMD has set the world record of fastest CPU with a speed frequency of 8.429 GHz, winning the company a place in the Guinness World Records. AMD's yet-to-ship Bulldozer-based FX chips drew the Guinness ranking for the "Highest Frequency of a Computer Processor." The AMD-FX CPU is set to debut in Q4 2011.

Announced yesterday, the Guinness record news drew kudos and comments from a wide range of sites that closely follow news and events circling rivals [AMD](#) and Intel.

Some reports noted the timing of AMD's announcement was made on the opening day of the Intel Developer Forum in San Francisco. The record was actually set at an event in Austin, Texas, on August 31. A special team had been assembled at the Texas event made up of expert

overclockers along with AMD technologists and were dubbed Team AMD-FX. Their goal was to attempt record numbers by "overclocking" 8-core AMD FX desktop processors.

They achieved an overclocked frequency of 8.429 GHz on the processors, breaking their former record of 8.308 GHz.

Overclocking refers to the process where technical experts get chips to run at higher than normal speeds.

AMD said they found that the company's FX chips could reach over 5 GHz using normal air cooling or water-cooling rigs that cost less than \$100.

Commenting on the record-setting feat, the overclocking review site [Overclockers Club](#) made note that only two cores were running throughout the overclock. Having the other cores disabled may have helped the frequency boost, it said, along with the temperature of -235 degrees C to keep the CPU chilled. Nonetheless, the site added that a dual core clocked at 8.429GHz is still an AMD triumph.

Similarly, another site, [Overclockers](#), said the record numbers spell only the beginning and that, looking forward, one might wonder what about 9 GHz. "Pre-production chips historically only scratch the surface of what the architecture is capable of. Given time as fabrication processes and yields improve while more people get their hands on more chips, we could hear reports of AMD seriously flirting with 9 GHz soon enough."

The AMD press statement said that, beside setting world records, the AMD FX processor will enable an "unrivaled enthusiast PC experience" for the money, including extreme multi-display gaming and HD content creation.

More information: [Press release](#)

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