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ClearSpeed Technology Featured in HP High Performance Computing Accelerator Program

ClearSpeed's energy-efficient, 64-bit performance acceleration qualified for HP ProLiant and BladeSystem platforms

Supercomputing '07 (SC07) –Reno, NV - November 13, 2007 – ClearSpeed Technology (LSE:CSD), the world leader in acceleration for high performance computing (HPC), today announced that its Advance™ accelerator cards have been adopted as a key feature of HP's HPC Accelerator Program.

Designed as coprocessors and boards to work alongside Intel and AMD processors, ClearSpeed's Advance product family accelerates the most compute-intensive applications commonly used in high performance computing. Consuming an average of only 33 watts, the Advance cards add performance and efficiency of more than 80 GFLOPS peak double precision per card.

The Advance e620 accelerator card has been qualified for the HP ProLiant DL140 G3 servers, ProLiant DL380 G5 servers, and is distinguished as the first and only accelerator to be qualified for the ProLiant BL460c and the BL465c server blades.

“We are delighted that ClearSpeed is a part of HP's Accelerator Program,” said Tom Beese, ClearSpeed chief executive officer. “This clearly demonstrates our position as a world leader for accelerator technologies for high-performance computing.”

At the SC07 supercomputing conference in Reno, Nov. 12 – 16, ClearSpeed and HP are demonstrating ClearSpeed accelerated applications running in HP BladeSystem c-Class and ProLiant servers. ClearSpeed is also demonstrating massively-accelerated applications distributed across an HP ProLiant DL360 cluster capable of using hundreds of ClearSpeed accelerators. Additionally, in HP's booth, ClearSpeed will show accelerated life science and financial applications, Amber and Monte Carlo respectively, in a Blade sidecar and ProLiant DL140.

“HP is making targeted investments in accelerator technologies and partnerships that deliver increased performance with greater efficiency for our customers,” said Winston Prather, vice president and general manager, High Performance Computing, HP. “With ClearSpeed accelerator cards in our ProLiant and BladeSystem servers, we can enable teraflops of performance with minimal impact to budget and space.”

About ClearSpeed

ClearSpeed Technology is a semiconductor company that develops massively parallel coprocessors and accelerator boards delivering unmatched performance per watt for high performance computing applications on industry standard systems. ClearSpeed has offices in San Jose, California and Bristol, UK and has over 50 patents granted with additional pending. For more information, visit www.clearspeed.com.