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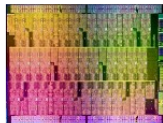NetApp

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Today's Top Feature Dec 9, 2013

Intel Sheds Light on the "Corner to Landing" Leap

Since the first details about the MIC architecture emerged, Intel has continually harkened back to their vision of offering a high degree of parallelism inside a power efficient package that could promise programmability. With the eventual entry of the next generation Xeon Phi hitting the market in years to come with its (still unstated) high number of cores, on-package memory, ability to shape shift from coprocessor to processor along the x86 continuum, many are wondering about what Read more...

In The Spotlight

Reality Check on Liquid Cooling in the Data Center

Evaluating liquid cooling for a data center requires an understanding of both the technical approach and ability of the solution to address the business and operational concerns of the data center. The reality check on data center liquid cooling is that

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December 9, 2013
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New subgroup devoted to enhance HPC usage in music creation and to develop HPC cluster solutions that further enable the future of music production

SUNNYVALE, Calif.--(BUSINESS WIRE)-- The HPC Advisory Council, a leading organization for high-performance computing research, outreach and education, today announced the formation of the HPCmusic subgroup, an advanced research project that focuses on the usage of High-Performance Computing (HPC) to enable advancements in music production and creation. The new subgroup is chaired by Antonis Karalis, whom in 2012 received the prestigious HPC Advisory Council University Award for advanced research in the subject area of music in high-performance computing.

Through the advent of 3D and HDR, IMAX Cinema, Dolby Atmos, 6K Cinema and 4K TV with HDMI 2, the industry has created a roadmap for a quality aware audience. A true quality upgrade of the overall cinematic experience is on-going. As such, HPCmusic has created the HPC384 Spec to help keep music production on par with those innovations and to provide the necessary tools, specifications and revolutionary techniques so that music professionals will be able to produce and deliver high quality content to meet the demands and expectations of their audience. In addition, on a Cost per GFLOPS basis, as floating point operations are