Boston's Quattro 12256-T with up to 288 x86 cores arrives at SC

Submitted by: Boston
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St. Albans, United Kingdom (10th November, 2016) – Boston are pleased to announce that the Boston Quattro 12256-T, containing the latest generation Intel® Xeon Phi™ processor, will be on display at SC 2016 in Salt Lake City, USA from 14th-17th November (stand 3634).

The Quattro 12256-T, based on Supermicro® technology, leverages Intel's 2nd generation Intel® Xeon Phi™ product family (formerly code named Knights Landing) to deliver massive thread and data parallelism and memory bandwidth, improved single-thread performance and Intel® Xeon® processor binary-compatibility all within a standard CPU form factor. In addition to this, the chip provides up to 72-core per processor with up to 4 threads per core. A total of 288 threads per processor are compatible with software compiled for existing x86 hardware.

As a member of the Boston Quattro range, the Quattro 12256-T has a multi-node design which offers 4 independent compute nodes based on the same Intel® Xeon Phi™ processing technology. Each node has multiple HDD/SSD support, independent platform management, redundant and optimised cooling, and titanium-level redundant power supplies.

Coupled with optional Intel Omni-Path fabric connectivity directly from the CPU die, the Quattro 12256-T offers a truly integrated, high performance and low latency compute platform with a convergence of the very latest in processing and networking technologies. This offering will accelerate HPC in a variety of use cases which include the public sector, energy, life sciences, financial services and engineering.

"Boston were once again at the forefront of HPC technology with the launch of our Quattro 12256-T at ISC in Frankfurt earlier this year, we're pleased to bring this popular system for its debut at SC. We invite attendees to SC to visit our stand to learn more about the implementations of the Quattro 12256-T" said Manoj Nayee, Managing Director, Boston Ltd.

Boston Limited are also able to deliver a low cost, water-cooled, pedestal solution with a single node. For more information, please contact us.

Ends

For further information, including product details and specifications, please contact:
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Notes to editors:

1. About Boston

Boston Limited has been providing cutting edge technology since 1992 using Supermicro® building blocks. Our high performance, mission-critical server and storage solutions can be tailored for each specific client, helping you to create your ideal solution. From the initial specification, solution design and even full custom branding – we can help you solve your toughest business challenges simply and effectively. Boston.co.uk (http://www.boston.co.uk)

2. About Intel®
Intel® (NASDAQ:INTC) expands the boundaries of technology to make the most amazing experiences possible. Information about Intel® and the work of its more than 100,000 employees can be found at newsroom.intel.com (http://newsroom.intel.com) and Intel.com (http://www.intel.com).

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