NEWS RELEASE

Penguin Computing Expands Enterprise Class Product Line with New High Performance and High Efficiency Servers

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Penguin Computing, experts in high performance computing (HPC), today announced the immediate availability of its latest additions to the E-series server line, the Relion 800E and the Relion 2804E. The Relion 2804E is a four-way system designed for maximum performance. Based on Intel's new 'Sandy-Bridge EP' E5-4600 processor, the Relion 2804E accommodates four processors with up to 32 cores in a 2U form factor. With 48 dual in-line memory module (DIMM) slots, the system supports up to 1.5TB of memory and four memory channels per processor provide ample memory bandwidth per core. The Relion 2804E is the ideal server platform for running virtualization and high performance computing applications, as well as enterprise applications like relational databases. "The Relion 2804E and 800E perfectly complement our new line of servers built for the needs of the enterprise," said Phil Pokorny, CTO of Penguin Computing. "For users that need the highest levels of performance the 2804E delivers, and with 1.5TB of RAM, it supports even the most memory intensive applications. The 800E offers the highest levels of efficiency and is the ideal platform for large scale deployments where its cost-effectiveness, reliability and great efficiency minimize TCO." The Relion 800E is a cost-effective 1U two-way server designed for maximum performance per watt per square foot. It is ideal for web server farms and other deployment scenarios that need to accommodate network and I/O driven workloads in environments with power and cooling constraints. The Relion 800E features two Intel E5-2400 processors based on the 'Sandy Bridge EN' architecture. With 12 DIMM slots the Relion 800E supports up to 384GB of RAM and three memory channels per processor. The Relion 800E's efficiency is achieved through special design features such as high efficiency voltage-regulators, a spread core design and highly efficient power supplies. Like all other models in Penguin Computing's E-series, the Relion 800E and the Relion 2804E have been engineered to deliver the highest levels of reliability and include a comprehensive set of software tools for server deployment and management. The Relion 800E and the Relion 2804E come with a standard four year warranty and 24/7 technical phone support with priority handling by dedicated support engineers.