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Penguin Computing's Relion Server Line Is Now Powered by Intel's New Xeon E5-2600v2 Processor Family

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Penguin Computing, one of the leading providers of large-scale, Linux based enterprise, cloud computing and HPC solutions, today announced the immediate availability of the brand new Intel Xeon E5-2600v2 processor family on its entire Relion server line. As the first processor generation based on the 22nm tri-gate processor technology the new Intel Xeon processors code named "Ivy Bridge" offer improved energy efficiency and price/performance. Penguin servers with the new Intel processors feature

- Support for higher clock-frequencies up to 3.5GHz
- Up to twelve cores and 24 threads per processor
- Support for memory speeds up to 1866MHz
- Increased virtualization performance through APIC virtualization
- Increased security through new platform and data protection technologies

As a result the refreshed Penguin servers deliver a performance increase of up to 33% for general purpose computing and an increase in power efficiency of up to 27% as compared to its predecessor. "At Penguin Computing, we deliver the latest technology in reliable systems, backed by world-class support," said Charles Wuischpard, president and CEO of Penguin Computing. "Intel's new E5-2600v2 family of processors provides leading edge price-performance and power efficiency. All Intel based servers from Penguin Computing now support this new generation of processors to enable our joint customers to leverage these benefits." Penguin Computing's refreshed product line includes a broad range of systems from the general purpose two-way server Relion 1800 to highly specialized servers such as the high-density GPU system Relion 2808GT that accommodates eight GPUs in a two rack-unit form factor. Effective immediately, all Relion servers are available with Intel's new Xeon E5-2600v2 processors.