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NEWS

Appro Unveils High-Density HyperGreen™ Cluster Solution to boost Power Efficiency and Performance in the Datacenter

Appro supports the new Intel® Xeon® processor 5500 series across all product lines

Milpitas, CA – March 30, 2009 – Appro (<http://www.appro.com>), a leading provider of supercomputing solutions, announced today the launch of the new Appro HyperGreen Cluster Solution and the support of the new Quad-Core Intel® Xeon® Processors 5500 series, formerly code name Nehalem across all product lines.

The Appro HyperGreen™ Cluster solution is based on the Appro GreenBlade™ system solution building block offering a modular, flexible and energy-efficient cluster architecture that addresses today's natural business growth from mid to large-scale high performance and high-density computing applications. The Appro products based on the new Intel Xeon Processors 5500 series boost performance optimization by increasing system bandwidth, memory capacity with 8MB shared L3 cache improving network traffic processing while reducing I/O latency with outstanding power management features.

The Appro HyperGreen Cluster solution offers customers performance scalability, density and energy efficiency at a competitive price. Its core cluster components are hot-swappable and redundant such as cooling fans, power supplies and blade nodes offering superior reliability, availability and serviceability. It features up to 80 GreenBlade nodes, totaling 640 processing cores per 42U standard rack cabinet, doubling the density compared with traditional rack mounted servers. It offers 1.0TB of internal storage and up to 48GB of DDR3 1333MHz memory per node. With its green design and utilizing 90%+ efficient power supplies, HyperGreen Cluster boasts up to 20% power consumption reduction per node compared to 1U servers, significantly reducing energy bills in the datacenter. In addition, the Appro HyperGreen Cluster provides flexibility with a choice of servers, networking, interconnects and an open cluster management solution that is commercially supported that can be easily configured and pre-integrated as a part of a complete package to include HPC professional services and support.

“Today, businesses require innovative and pre-packaged industry standard solutions that are simplified, easy to manage with lower TCO and a quick path to ROI. Appro HyperGreen Cluster Solutions based on the Quad-Core Intel Xeon Processors 5500 series address our customers' demands by combining the latest Intel technologies that will increase memory capacity and system bandwidth delivering 4x greater performance for HPC applications while reducing energy bills in the data center”; said Daniel Kim, CEO and President of Appro International.

“Appro's systems based on Intel Xeon Processors will offer an outstanding portfolio of flexible, dense and energy efficient infrastructure solutions for the HPC market,” said Richard Dracott, Intel Corporation general manager of High Performance Computing. “The Appro HyperGreen Cluster solution will take full advantage of the latest Intel Turbo Boost and Intel QuickPath Technologies minimizing power consumption, increasing memory capacity while improving system I/O bandwidth for high performance computing applications helping users getting more done in less time.

About Appro

Appro is a leading developer of supercomputing solutions. Appro is uniquely positioned to support High-Performance Computing markets focusing on medium to large-scale deployments where lowest total cost of ownership is a primary consideration. Appro accelerates technical applications and business results unlocking the value of IT through outstanding price/performance, balanced architecture, open standards and engineering expertise. Appro headquarters is in Milpitas, CA with a sales and service office in Houston, TX.

To learn more go to <http://www.appro.com>.