

Press Release March 30, 2009

## **Intelligent Intel® Xeon® Processor-based Storage Servers**

Santa Fe Springs, California, March 30, 2009: Aberdeen LLC proudly announces the next generation of scalable storage servers. Featuring the Intel® Xeon® Processor 5500 Series, formerly code named Nehalem, these Aberdeen Stirling storage servers deliver unprecedented processor performance, dynamic scalability and increased storage expansion capabilities.

Aberdeen's Stirling servers anchor the robust array of fully customizable, performance tuned, storage dense servers on the market. By offering servers scalable from 4TB up to 400TB of storage capacity, upgrading to Stirling servers can result in an estimated 8 month return on investment. This latest iteration of the Stirling storage servers, on display at the International Security Conference and Expo in (ISC West) in Las Vegas at the Sands Convention Center in booth #37044 from April 1-3, 2009, will demonstrate the performance of the next generation Intel® 5520 chipset in conjunction with the Intel® Xeon® processor 5500 series.

"Typically the industry is seeing exponential storage growth while the critical need for capacity is outpacing the available performance paradigm," says Moshe Ovadya, President of Aberdeen. "Our Stirling servers define affordable storage scalability, while delivering exceptional RAID performance and industry leading processing performance."

Highlighted by the Intel Xeon processor 5500 series, the Aberdeen Stirling storage servers deliver up to 2.25 times better performance than the previous generation. By providing the industry's most dynamic and trusted server architecture, the Stirling continues to enable unprecedented storage capacity. Migrating to the next generation Stirling storage servers from the less efficient legacy single core servers can increase performance by up to 9 times and 9:1 server consolidation reduces operating costs up to 90% yielding an estimated 8 month payback on investment.

"By taking advantage of the new Intel® Xeon® Processor 5500 Series, the Aberdeen Stirling X888 can significantly reduce costs, boost flexibility and achieve a rapid return on investment," said Boyd Davis, general manager, Intel Server Platform Group Marketing.

New advancements incorporated in the Stirling enterprise-grade storage servers include the Intel 5520 Chipset and dual socket Intel® Xeon® Processor 5500 Series processors with 45nm fabrication. The Intel® microarchitecture, formerly codenamed Nehalem, featuring Intel® Turbo Boost Technology, improves performance by increasing processor frequency and enabling faster speeds. The Intel® Intelligent Power Technology allows for the lowering of energy costs by minimizing individual core power consumption to nearly zero power usage when applicable. Intel® Hyper-Threading Technology support provides optimization for demands of multi-core processing and unleashes parallel processing performance enabled by Intel® QuickPath technology. The Intel® Xeon® Processor 5500 Series also features integrated memory controller.

New features include: fully-buffered triple channel DDR3 memory to provide increased memory bandwidth and capacity, redundant power chassis, simultaneous

SATA/SAS hard drive integration and an increased emphasis on expandability via SAS expansion. Aberdeen's largest storage platform available, the Stirling X888, stores up to 50TB of network-level data and can expand via cascading JBOD (Just a Bunch Of Disks) units and XDAS Direct Attached Storage RAID subsystems up to an additional 400TB.

Aberdeen continues to ease server deployment concerns with an unparalleled 5-year limited warranty. With Intel® Xeon® Processor 5500 Series, the Stirling servers combine to deliver an exceptional performance to value ratio for Aberdeen customers. Businesses in search of boosting server responsiveness for data-intensive applications and business-critical services can confidently consolidate more servers by utilizing built-in processor virtualization technologies. Additionally, the Aberdeen line of Stirling storage servers can be configured as Network Attached Storage appliances employing either [Linux-based NAS](#) or [Windows-based NAS](#).

#### **Features:**

- ~ Intel® 5520 Chipset
- ~ Intel® Xeon® Processor 5500 Series
- ~ Intel® Intelligent Power Technology
  - Featuring Automated Low-Power States and Server Power Capping
- ~ Intel® Turbo Boost Technology
  - Featuring Intel® QuickPath Technology and Intel® Hyper-Threading Technology
- ~ Intel® Virtualization Technology
  - Featuring FlexMigration
- ~ 1 Terabyte to 50TB of Pure Storage Capacity
  - Featuring expandability to beyond 400TB
- ~ Browser-based Hardware RAID Manager
  - Provides RAID 0, 1, 5, 6
- ~ Fully buffered DDR3 Memory
  - 64MB capacity and 3 times the memory bandwidth
- ~ Quad Port Gigabit Ethernet
  - Delivers 4x Gigabit Ethernet teaming
- ~ Windows and Linux NAS Compliant
  - Featuring iSCSI Target Capabilities
- ~ VMware Certified

#### **Applications:**

IT managers from banking to security surveillance to broadcast professionals require innovative solutions for shrinking the time window in which to store and transfer crucial data; thus the Aberdeen line of storage servers is ideal for all industries in need of sharing storage. Some specific applications may include; streaming media, HD video storage, CCTV, data backup, near-line media storage and post-production needs. Aberdeen's best selling scalable storage delivers the industry's most expandable and affordable networked storage.

#### **Availability and Support:**

The [Stirling storage servers](#) are currently shipping with worldwide availability and can be custom configured to meet even the most stringent requirements. The scalable 50TB Stirling X888 retails for under \$22,000 and the entry-level models can be acquired from an attractive \$2495 via the Aberdeen Web site ([www.aberdeeninc.com](http://www.aberdeeninc.com)) or by contacting an Aberdeen account executive at (800)

552-6868 or +1 (562) 699-6998 from outside the United States. Aberdeen has a media recognized, industry leading **5-year limited warranty** as well as a **free 30-day trial assessment program** with all of its branded servers.

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**About Aberdeen:**

Aberdeen LLC is a leading manufacturer of servers and storage. Delivering exceptional performance, unparalleled reliability and outstanding value, Aberdeen's award winning products are deployed every day by IT departments in many of the world's largest organizations. More information about Aberdeen is available at [www.aberdeeninc.com](http://www.aberdeeninc.com).

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