



# ABERDEEN

Custom Server Solution Provider

## Aberdeen Satiates Hunger *Delivering Expandable Storage to Satisfy the SMB Market*

Santa Fe Springs, California - Aberdeen releases the next generation of Stirling storage server solutions with the addition of the **50TB Stirling X881**. The 8U Stirling is to be unveiled at the HD World Conference & Exposition in New York on October 15th. As the ideal for media sharing storage, content backup, streaming media, near-line storage, and post-production needs, the Stirling X881 can deliver up to 64 concurrent HD video streams and store over 400 hours of 1080p 10-bit HD video. Aberdeen's bestselling scalable storage deliver the industry's most expandable and affordable networked storage.

Small and medium businesses (SMB), whose storage requirements often mirror those of a larger enterprise, have neither centralized storage nor big budgets to implement complex IT solutions. These companies are on the lookout for easy, expandable and cost-efficient solutions for data storage, as well as simplified storage management.

Most SMBs are starving for storage capacity large enough to meet today's needs. In such a scenario, SMBs have a need for cutting-edge storage solutions and the ability to accommodate growth without requiring a complete storage solution upgrade later on. Aberdeen now tailors the completely custom configurable [Stirling expandable storage solutions](#) to meet these requirements. This emphasis on ease of storage growth potential and simplified network integration provides the best TB/\$ ration in the industry.

"The Aberdeen Stirling expandable server platform will grow as an organization's storage needs multiply," said Jack Tateel, Executive VP for Aberdeen. "Rather than having to obsolete an appliance every time you reach existing capacity, with the Stirling you can easily increase the storage availability up to nearly 1/2 Petabyte one step at a time. For example, an organization can purchase a 50TB NAS appliance today and expand to well over 400TB in 16TB increments as future needs dictate."

The [Stirling storage servers](#) new expansion capability enables customers to increase the capacity of their storage environment in a simple and flexible manner. With the largest single platform now available for storing up to 50TB of network-level data, Aberdeen's Stirling servers can expand via cascading 16TB JBOD (Just a Bunch Of Disks) units up to 128TB. Daisy-chaining XDAS RAID enclosures delivers up to an additional 240TB.

By offering a full spectrum of scalable, maximum capacity, storage solutions, the Stirling expandable storage server line creates a robust storage environment and offers substantial growth potential for years to come. Aberdeen delivers high performance, Quad-Core Intel Xeon servers with enterprise-grade storage via SAS or SATA drives providing over 800MB/s internal transfer rates. The Aberdeen XDAS-JBOD enclosures provide easily expandable storage without the need to purchase additional controllers. 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](#).

### Availability and Support:

The 50TB **Stirling X881** retails for under \$22,000 and is currently shipping with worldwide availability and can be custom configured to meet even the most stringent requirements. The Stirling expandable storage server line ranges from 8TB models up to 50TB and are available via the Aberdeen Web site ([www.aberdeeninc.com](http://www.aberdeeninc.com)) or by contacting an Aberdeen account executive at (800)552-6868. 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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# All Purpose NAS



## Scalable 8U NAS 50TB Storage Capacity



### Expandable

The Aberdeen Stirling X881 storage server can provide up to 50TB of pure SATA storage. This behemoth "**Teralith**" storage solution can deliver beyond 400TB of additional network capacity by utilizing the [Aberdeen XDAS expansion enclosures](#).

With the continued storage file explosion and the need for high-volume scalable capacity, choosing the correct storage solution strategy hinges upon having the storage scalability to grow seamlessly from 1 Terabyte to 1 Petabyte.



## Stirling X881

The custom configurable Stirling X881 rackmount server features the Intel 5400 (Seaburg) chipset and utilizes the performance optimized Quad-Core Intel Xeon 5400 Series (Harpertown) processors providing 45nm fabrication featuring. Quad-Core processing offers; higher performance with a 1600MHz FSB, 12MB L2 cache, and lower power consumption than previous generations. The Stirling X881 can also accommodate Dual-Core (Woodcrest) 5100 Series processors to provide an entry level expandable storage solution.

This server features, Quad Gigabit Ethernet LAN and Dual SAS expansion ports. The Quad G-LAN can utilize Aberdeen Teaming Technology to offer transfer rates of up to 430MB/s with an added [XDAS-iSCSI RAID enclosure](#). Each SAS port can provide a highly scalable storage capacity with up to **an additional 240TB** by daisy-chaining [XDAS storage subsystems](#).



Featuring the fastest and most versatile RAID controller on the market, the Stirling X881 can provide 1200MB/S internal transfer speeds and will support SATA disk drives and SAS hard drives, even at the same time. Each SAS RAID controller offers, support for RAID 0,1,5, 6 & 10 and a custom remote RAID management software with the ability to daisy-chain [Aberdeen JBODs](#), for up to **an added 128TB** of increased network storage expandability.

**NAS  
AVAILABLE**

The custom configurable "Teralith" scalable rackmount storage server includes 48 hot-swap/hot-spare drive bays for either enterprise SATA hard drives or ultra-fast SAS disk drives, an additional 2 rear hot-swap mirrored OS drive bays. It is configured with a triple redundant 1350W power supply, up to 64GB of FB-DIMM 800MHz ECC memory and performs with multiple OS platforms for full interoperability in heterogeneous environments.



### **"Unrivaled five-year warranty" - PC Magazine**

Aberdeen provides an industry leading [5-year warranty](#) with every fully configured rackmount server.



### Aberdeen C.A.R.E.S.

Aberdeen offers a [30-day trial assessment program](#) on completely configured servers. We are so confident that once you try one of our custom configured rackmount servers that you will be completely satisfied and choose Aberdeen to fulfill all your future rackmount server needs.