Stirling X524

Configure Now

Incomparable
The newest addition to the all-inclusive Aberdeen Stirling storage backup server line is here. Dubbed the "**TeraStorus**" the Aberdeen Stirling X524 can provide up to 6TB of pure storage.

Aberdeen revolutionized the backup storage community with the 2TB "**Backup Monster**" for under $5000. Just a few months later the 4TB "**TeraBuster**" was launched with double the capacity. That was then and the future is now. The TeraStorus is the goliath of backup storage servers with 24 hot-swap hard disk drive bays suitable for 6TB of pure data storage capacity.

As with the previous backup Stirling storage servers, the "TeraStorus" integrates Dantz Development's Retrospect™ backup software and be configured with dual Intel® Xeon™ processors for those that require the most computing power possible. Businesses can now safely guard against downtime and the loss of critical data with the Stirling line of backup servers.

The Aberdeen "TeraStorus" redefines the standard for the backup server storage market, by offering a 5U rackmount server with up to 6 terabytes of SATA hot-swap storage space starting under $14,000.. Every Stirling "TeraStorus" backup server includes; room for dual internal OS hard drives, internal 24 hot-swap/hot-spare drive bays, dual gigabit NICs, an external SCSI port, an internal wall of cooling fans and support for RAID 0,1,5 & 10. Options include; a tape drive, , CD-RW, a 3+1 redundant 950W power supply and Dantz Development's Retrospect™ backup software to provide data security, disaster recovery and file storage capabilities.

A 10 terabyte storage capacity TeraStorus backup server will be available in Q2 2004 by utilizing the newest 400GB SATA hard drives.

Reliability
Aberdeen brings an industry leading **5-year warranty** to the table with every fully configured rackmount server. Our custom configured rackmounts and along with our pre-configured Stirling line of servers come with a 5-year warranty standard unlike of some other companies 1 or 3 year warranties. Take advantage of the speed, storage and security of the **Stirling X524** and configure yours today.

Aberdeen C.A.R.E.S.
We offer a free 30-day trial assessment program on completely configured servers. We are so confident that once you try one of our custom configured rackmount servers you will not only be completely satisfied with the evaluation unit but will choose Aberdeen to fulfill all your future rackmount server needs. Click here or call for a full description of how the **Aberdeen CARES** program works.

Press Release April 21, 2003

Aberdeen: Maximum Storage: REDEFINED

The TeraStorus Provides 6 Terabytes of SATA Storage for Under $14k

Santa Fe Springs, California - Aberdeen LLC, the Custom Server Solution Provider, presents the most robust all-inclusive storage and backup server to date, the Aberdeen Stirling X524. The 5U rackmount Aberdeen Stirling X524, dubbed the "TeraStorus," is the newest addition to the Aberdeen revolutionary line of backup storage servers. Aberdeen President, Moshe Ovadya, proclaims, "The TeraStorus is the goliath of backup storage servers with 24 hot-swap SATA disk drive bays suitable for 6TB (terabytes) of scalable storage for under $14,000." Ovadya later states, "Our TeraStorus redefines the standard for backup storage capacity, and I am proud that Aberdeen has remained an innovator in this market."

Aberdeen revolutionized the backup storage community by introducing the 2TB "Backup Monster" for under $5000. Just a few months later the 4U "TeraBuster" was launched with double the capacity. The "TeraStorus" establishes a new server storage standard by offering a scalable rackmount storage server that can provide up to 21TB of SATA storage and beyond. By utilizing the included external SCSI connection the 6TB TeraStorus can be supersized through the addition of up to five 3TB RAID storage expansion boxes per SCSI connector, thus creating a scalable NAS server.

Serial Advanced Technology Attachment (SATA) is a vast improvement over the venerable IDE disk drives and provides several benefits. SATA is faster and more efficient due to the use of point-to-point technology that provides a starting transfer rate of 150 Mbyte/s. the primary benefit of a disk-to-disk SATA storage server such as the TeraStorus, is it provides an exponentially faster and more accurate backup than traditional tape. By utilizing the disk backup feature, routine progressive or full backups can be easily scheduled within multiple OS platforms for full interoperability in heterogeneous environments. Aberdeen takes advantage of the inherent benefits of disk-to-disk backup storage, such as greater flexibility, scalability and a higher ROI to provide a better, faster and more efficient disaster recovery and backup storage server.

Businesses today have ever increasing amounts of data and as a result IT manager have increasing concerns over downtime, disaster recovery and ease of restore. As with the previous Aberdeen storage solutions, the "TeraStorus" is designed to provide a cost-efficient and scalable backup storage solution for a diverse range of shared network environments. The "TeraStorus" is configured with dual Intel® Xeon™ processors, room for dual internal OS hard drives plus 24 hot-swap/hot-spare drive bays and includes; dual gigabit NICs, support for RAID 0,1,5 & 10, the industry's best internal cooling system, a 3+1 redundant 950W power supply and an external SCSI port for adding up to 15TB of expanded storage. Available options include; a tape drive, CD-RW and Dantz Development's Retrospect™ backup software to provide data security, disaster recovery and file storage capabilities. Businesses can now safely guard against downtime and the loss of critical data with the Stirling line of backup servers.

At a fraction of the cost of comparable storage applications, the all-inclusive TeraStorus provides; the benefits of faster and more efficient SATA technology, built-in tape storage, scalability up to 21TB, and reliability of redundant power and OS fail-over without the high cost of ownership. The TeraStorus clearly redefines the standard for backup storage servers in price, performance and packaging.

Availability and Support:
The Stirling X524 "TeraStorus" is currently shipping and can be custom configured to meet even the most stringent requirement via the Aberdeen Web site (www.aberdeeninc.com) or by contacting an Aberdeen account executive at (800)552-6868. The ultra mega sized 10TB TeraStorus is scheduled to ship through the same channels during Q3, 2004. 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 server solutions.

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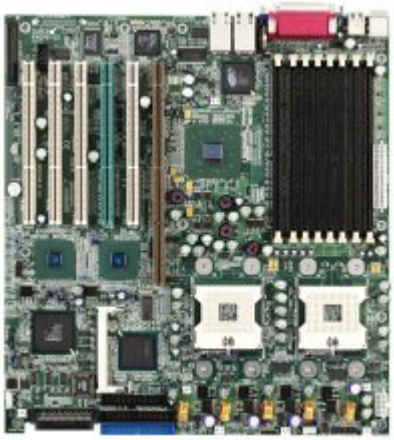
ABERDEEN STIRLING X524 RACKMOUNT "TERASTORUS" BACKUP SERVER

MANUFACTURER PART#	BBS524 **BLACK RACK**
ABERDEEN PART#	KITX524
PROCESSOR	Dual Socket 604 **Supports Dual Intel® Xeon processors** Front-Side Bus support for 533MHz or 400MHz Onboard 3-phase switching power regulator
CHIPSET	**Intel E7501 Server chipset**
SYSTEM MEMORY	8 x 184-Pin DIMM Sockets **Up to 16GB ECC Registered DDR266 SDRAM** Compatible with PC2100 and PC1600 **ECC Registerd DDR SDRAM ONLY** Two-way interleaved memory banks provide outstanding memory performance.
ON BOARD I/O	1 x Floppy Connector 2 x Serial 16550 compatible ports 2 x USB 1.1 Ports PS/2 keyboard and mouse ports
ON BOARD IDE	Dual EIDE ports support Ultra DMA 100MB/s of Burst data transfer rate, supports UDMA Mode 5, PIO Mode 4 and ATAPI
VIDEO	ATI Rage XL 8MB PCI graphic controller
ON BOARD LAN	**Intel 82546EB Dual Gigabit controller** 2 x 10/100/1000 ports
ON BOARD SCSI	**Dual channel Adaptec® AIC-7902 controller for Ultra320 SCSI** External Bracket w/ Wide SCSI connector (available connectors for internal or external SCSI tape drives)
OS DRIVE MIRROR	For added system safety and system failover Fixed internal IDE drives
SATA RAID	**3 x 3WARE Escalade 8506 8-Port SATA150 RAID** SATA backplane provides power, bus termination **24 Hot-Swap/Hot-Spare SATA150 drive bays** StorSwitch™ non-blocking architecture for reliable, scalable, and high-performance hardware RAID isolation. **RAID 0, 1, 10, 5, and JBOD support** SCSI performance feature set
PC HEALTH MONITORING	Onboard voltage monitors for CPU Fan status Environmental temperature monitor and control Chassis and CPU overheat alarm, LED indication and control System resource alert Supermicro System Management utility
BIOS	Phoenix 4Mb Flash ROM RTC (Real-Time Clock) wakeup External modem remote ring-on when system is in Soft-Off state BIOS rescue hot keys for rescuing BIOS chip from flash failure Hardware BIOS virus protection Chipkill support
EXPANSION SLOTS	**Total of 6 PCI-X** (3 x 64-bit PCI slots populated with 3Ware controllers) (3 x Empty 64-bit PCI-X Slots) 1 x VXB (Virtual Extended Bus)
BOARD SIZE	Full ATX 12" x 13" in.(W x H)
EXPANSION BAYS	1 x 3.5" external drive bay 2 x 3.5" internal drive bay 1 x 5.25" external drive bay 1 x 5.25" slim drive bay 24 x 3.5" x 1" drive bays
CHASSIS FEATURES	19" rackmount ATX (5U height) - RMC5E 25.4" Depth, Accepts Full Size Motherboard (12x13) **950W 3+1 Triple Redundant Hot-Swap** 2 x 12cm Hot-Swap Blowers 2 x 60x38mm Fans Exhaust Fans Optimized HDD interspace to maximize inlet air flow Buzzer alarm for fan failure and overheat warning
WARRANTY	1-year parts, 2-year labor warranty
	*Aberdeen includes a **5-YEAR WARRANTY** on all complete rackmount servers. A fully configured rackmount server consists of; rackmount chassis, motherboard, processor, cooling equipment, memory and hard disk drive all assembled and included in one purchase. For more please see our Terms Page.

ABERDEEN

Includes 1 x 3.5" floppy drive
Slim CD-ROM Drive
Rackmount Rails



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