



Press Release

For immediate release

X-ES Packs 3.5 TB of Solid State Storage in Rugged 1/2 ATR Network Attached Storage System

Middleton, WI – August 9, 2011 – Extreme Engineering Solutions, Inc. (X-ES) announces the availability of the [XAct3000](#) Rugged Solid State Storage System. The natural convection-cooled sub-1/2 ATR system supports between 1 TB and 3.5 TB of rugged solid state storage. The [XAct3000](#) is a turnkey NAS; by simply configuring the JBODs or RAID units and connecting it to an Ethernet network, customers can start storing and retrieving files.

The [XAct3000](#) supports ATA secure erase and meets the erase requirements of the DOD NISPOM 5220.22 and NSA/CSS 9-12 specifications. The rugged Network Attached Storage (NAS) system supports NFS, SMB/CIFS, FTP, SFTP, and HTTP protocols. Data encryption is also available for the system.

The [XAct3000](#) features include:

- Up to 3.5 TB of solid state storage
- Storage declassification and ATA secure erase
- JBOD, RAID 0, RAID 1, RAID 5, and RAID 6 configurations
- Optional 256-bit AES encryption
- NFS, SMB/CIFS, FTP, SFTP, and HTTP protocols
- Two 10/100/1000BASE-T Ethernet ports
- Storage based on SLC NAND flash technology
- Sub-1/2 ATR natural convection-cooled or conduction-cooled chassis (reduced height and length)
- Physical dimensions of 4.88 in. (W), 5.65 in. (H), 10.30 in. (L)
- Weighs less than 12 pounds
- Environmentally sealed
- MIL-STD-461 E/F EMI filtering
- Optional internal holdup of up to 100 ms at 70 W

“Because solid state storage does not produce a lot of heat, developing a solid state storage NAS system utilizing a natural convection cooled chassis is a good match,” states Bret Farnum, VP Sales. “We integrated several of our existing technologies to help our customers achieve a very dense, rugged storage solution.”

Visit with [X-ES at AUVSI 2011](#) in Washington DC, booth 833, August 16, 2011 through August 19, 2011, to see all of our new products and talk with our sales and engineering staff on hand.

About X-ES — Extreme Engineering Solutions, Inc. (X-ES) designs and builds chassis, single-board computers, I/O, power, backplane, and system-level products within the embedded computer industry. X-ES offers cutting-edge performance and flexibility in design, plus an unparalleled level of customer support and service. For further information on X-ES products or services, please visit our website: www.xes-inc.com or call (608) 833-1155.

Data Sheet: <http://xes-inc.com/assets/products/files/XAct3000-DS.pdf>

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