

PRESS RELEASE

Rocstor Unveils Its Newest Line of Enterprise Storage Solutions Product Line, The ENTEROC – Enterprise Class RAID Network Attached Storage 2U-12Bay

Canoga Park, (Los Angeles County) California – January 3, 2011 – Rocstor, a leading provider of fast, high-capacity data storage and encryption solutions, is announcing its new line of Enterprise Storage line; ENTEROC line offers both Network Attached Storage (NAS) and Direct Attached Storages in Enterprise class level with prices that are equivalent to those of SoHo and SMB.



Rocstor delivers the ERN2U12B-SC2P-SAS/NAS, which combines Direct Access Storage (DAS [SAS/Fibre target]), and iSCSI target device and Network Attached Storage (NAS) solution for flexible and expandable applications;

The ERN2U12B-SC2P-SAS/NAS is an SAS/SATA II, NAS/DAS (SAS/Fibre) / iSCSI all in one Subsystem with ProNAS 1.X operating system, and also supports IPMI and iKVM remote management. It enhances system availability, and manages complex storage environments smoothly. To improve business productivity and minimizing business risks, ERN2U12B-SC2P-SAS/NAS provides functionality such as volume replication and snapshot. It is also a full featured data protection system supporting RAID levels 0, 1, 0+1, 3, 5, 6, 30, 50, 60 and JBOD. It supports hot spares, automatic hot rebuild and online capacity expansion within the enclosure.

Features:

- Configurable to 19" rack-mountable 2U chassis
- Supports up to Twelve (12) 1" hot - swappable SAS/SATA II hard drives
- Supports RAID levels 0, 1, 0+1, 3, 5, 6, 30, 50, 60 and JBOD
- Support NAS, DAS (SAS/Fiber) and iSCSI in one system
- Support two Gigabit Ethernet port for NAS file-sharing application
- Support IPMI 2.0 and iKVM (KVM over IP)
- Support one SAS port for direct access of RAID host connection
- Support Fiber target for Fiber storage environment (Optional)
- Support iSCSI target for IP storage environment
- Maximal support up to 192 SAS/SATAII disks
- Support spin down drives for power saving (MAID) and disk drive power cycle
- Supports Tape/DAT backup/restore
- Latest volume snapshot technology
- Support logical volume over 2TB
- Data Backup via backup plan and scheduling
- Support E-mail notification and system log information

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Technical Specifications:

Model: ERN2U12B-SC2P-SAS/NAS

- Intel Quad Core Xeon 2.0G or above, single / dual Processor
- Cache memory: 3GB DDR3 SD-RAM up to 32GB
- Two Gigabit Ethernet ports (10 Gigabit Ethernet for additional option)
- Up to Twelve 1" hot-swappable SAS/SATA II (3Gb/s, NCQ support) hard drives
- Real time drive activity and status indicators
- Environmental monitoring unit
- Two (2) 650W hot-swap power supplies with PFC
- Expansion PCI slot for H/W upgrade
- One (1) 4x SAS Host port for RAID Host connection
- One (1) 4x SAS Expansion port for JBOD connection (up to 7 SAS JBOD enclosures, max. 96 disks)
- One (1) 4x SAS HBA port for next DAS connection (max. 96 disks with 1 RAID + 7 JBOD enclosures)

RAID Controller Specifications:

- Intel IOP341 64 bit RISC
- Supports RAID level: RAID 0, 1, 0+1, 3, 5, 6, 30, 50, 60 and JBOD
- Support MAID (spin down drives when not in use to extend service)
- Built-in serial port interface for remote event notification

System Management:

- Automatic IP address configuration
- Self-contained unit - no extras needed
- Management through Web browser
- Flash upgradeable unit
- SNMP / MRTG management and notification
- Fail-free online firmware upgrade
- Unicode support
- Multi-node Management GUI
- ProNAS Data and Configuration Backup
- Central Management

Protocols:

- TCP/IP, SMB/CIFS, NFS, SNMP, FTP/SFTP/FXP, HTTP, Telnet, SSH, (Novell by TCP/IP), (Mac by SMB/CIFS)
- Support Samba "MediaHarmony"

Client Operating Systems support:

- Microsoft® Windows® 98/ ME/ NT/ 2000 / XP / 2003 / Vista /2008
- UNIX / Linux
- Mac OS

Authentication:

- Local User Account/Group
- Microsoft NT Domain Controller (PDC)
- Microsoft Active Directory Authentication (ADS)
- Network Information Service (NIS)
- Support batch creating users/Group

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- User quota management
- Share level security
- File level security
- User ID security for NFS

Block Storage

- iSCSI Target Support
- Fiber Target Support (optional)

Availability: ENTEROC - ERN2U12B series will be available end of January 2011, through our distribution and reseller channels in USA and Canada. For more product information, visit <http://www.rocstor.com>



Assembled and integrated in the U.S.A.
using domestic and/or foreign components.
Rocstor is a California company, U.S.A.

Rocstor is - excellence in storage technology; a leading provider of fast, high-capacity data storage and encryption security solutions.

Rocstor design, innovation, integration, Research and Development in both standard and encrypted data storage technology is the driving engine for major U.S. industries and governmental departments. Rocstor offers the most extensive range of desktop and rack-mounted RAID , NAS, DAS ... storage hardware, at the most competitive prices. Rocstor's product line features cutting-edge technologies that are tested rigorously and proven for solid reliability. By coupling new designs with state-of-the-art technology, Rocstor continues to be one of the major players in the world of digital security.

Rocsecure—a division of Rocstor—is the industry leader in Secure Encrypted digital data content storage. Our encrypted hardware-based solutions, featuring AES-256 Real-Time hardware encryption with single or two factor authentications (Comply and certified under NITS, FIPS, Common Criteria ...) should satisfy the requirements of a home consumer, corporate executives, mandatory government requisition, military, ... with our ruggedized military-grade construction and highly secure devices to protect against unauthorized access and data corruption. Rocsecure new encryption line of products are integrated with Cryptographic Processor / Modules which depending on the product are certified under NIST, FIPS L2/L3, Common Criteria, approved NATO military forces

For more information, visit www.rocsecure.com

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