AutoStor4 ™

The iSCSI-to-SATA RAID Storage System

www.primearray.com

Product Overview

The AutoStor4™ is a 1U 4-disk embedded intelligent iSCSI rackmount storage system with built-in OS transparent RAID engine. It comes with a hardware RAID engine that wraps four (4) SATA disks into one RAID (0, 1, 3, 5, 6) protected volume, while connecting through dual GbE ports. The AutoStor™ provides the fastest, simplest, safest way to share protected data between system, networks and work groups. Designed to meet the challenge of high impact/high volume network storage requirements, the new AutoStor4 can be configured in minutes and is becoming the new standard for IP SAN storage.

Easy Management

AutoStor4™ is unparalleled in its simplicity, easy of use, installation, and storage management. Our user friendly Web Graphical User Interface allows one to deploy and manage the disk array from virtually anywhere in the world with simple internet access, no additional management software ever needed. With the "Quick Install" wizard, the storage administrator can get the system up and running in a few minutes; and setting up RAID level, volume, cache can all be done and monitored through the Web GUI.

High Data Availability

TheAutoStor4™ offers a wide range of RAID settings including 0, 1, (0+1), 3, 5, 6, 30, 50 and JBOD. Support for multiple array configurations are included to allow added flexibility ensuring your investment will be in use years down the line. Drive failure detection, automatic drive rebuild, hot spare assignment and background rebuild, make it possible for users to monitor and address system conditions. Dynamic On-line RAID expansion allows additional capacity to be added without total system downtime, adding piece of mind knowing your data is protected at all time.

Ideal Application

- For RAID or JBOD
- Email Archives
- Data Protection
- Digital Surveillance (Security)
- Digital Audio Recording
- Desktop Publishing
- Video Editing (DV, SD, HD)
- IP SAN

RAID Management

- Support RAID levels 0, 1, 0+1, 3, 5, 6, and JBOD
- Support on-line volume expansion
- Support dedicated hot spare disk
- Support multiple RAID volumes
- Configurable RAID stripe size

System Features

- **Hardware RAID** Intel 80331 500Mhz 64bit RISC Processor
- **Housing** Compact 1U rackmont enclosure design
- **Host Bandwidth** Up to 80MB/s transfer rate per channel
- **Disk I/O** support 4+ Serial ATA 3.0 Gbps (SATA II) HDDs
- **2 GbE full iSCSI offload with load-balancing & fail-over**
- **Disk Compatibility** SATA 1.5 Gbps & 3.0 Gbps SATA Disks
- **Hot-Swappability** 4+ removable drive tray design
- **Thermal** built-in terminal and fan sensor for protection
- **Cooling** 4 system cooling fans & dynamic venting design
- **RAID** Setup thru easy WebGUI
- **Event Notification** thru SNMP
- **Storage Capacity** up to 3.0 TB (4 x 750GB HDDs, RAID 0)

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Model Specifications

- SATA-to-GbE (10/100 Ethernet support)

- Dual channel (2) GbE ports

- **Storage Processor** Intel IOP80331 500Mhz

- **Hybrid Technology** iSCSI-to-SATA

- **Supported RAID Levels** 0, 1, 0+1, 3, 5, 6 & JBOD

- **Memory** 256MB~1GB Available; 2GB Supported

- **Max. HDD Supported** 4 SATA I/II HDDs

- **Max. HDD Capacity** 750GB as of March 2007

- **Max. System Capacity** Up to 3.0TB as of March 2007

- **Host Connection** 2 x iSCSI Port

- **Remote management** thru 1 Ethernet Port

- **RAID management** Web browser & SNMP

- **OS Independent & Transparent** Yes

Enclosure Specification

- **Hot-Swappability** 4 x Removable HDD Tray

- **Drive Failure** 1 LED indicator for each HDD

- **System Fan** 4 x 4 cm System Cooling Fans

- **Status LEDs** 1 x access LED for each HDD

- **Fan-fail LED** 1 x Fan-fail LED for system

- **Mute Button** 1 x mute buttonfor fan & temp alarm

- **Power Supply** 1+ build-in 150 Watt

- **Dimentions(H x W x D)** 1.75" x 17" x 21.5"

- **Weight (without disk)** 26 Lbs

Physical & Environment

- **Operating Temperature** 10°C ~ 35°C

- **Non-Operating Temperature** -10°C ~ 50°C

- **Relative Humidity** 5% to 95% non-condensing

Optional Features

- Battery Backup

Supported Operating System

- Windows 95, 98/98SE, NT, 2000, XP, 2003

- Mac 9.1 and above with ATTO iSCSI initiator

- Linux (all latest builds) which support iSCSI initiator

- And all other systems supporting iSCSI protocol

Power Supply (150Watt)

- **Input Range** 110 to 240 VAC. 10%

- **Voltage** +5V/25A +12V/10A 47-63Hz

Manufacturer Warranty

- **System Warranty** 1 year

- **Extended Warranties Available**

**To find an authorized reseller
Contact us at: sales@primearray.com**

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