



Overview

Firewire chip on-board for RAID level-5 execution with hardware supportability, a feature of superior hardware design that makes this entry-level RAID reliable, technologically advanced, and user-friendly.

Applications

- SOHO
- Audio/Video Application Storage
- Department Storage
- Small to Medium Business
- Industrial Design
- Marketing and Poll Research
- Graphic Design

Added Upgrades

Caen's RAID provides automatic data rebuilding without issuing commands or keying in functions when a replacement disk drive installed.

Easy Maintenance

Caen designs RAID products with hot-swappable parts including hard disk tray, redundant power supply unit and cooling fan so users can remove and install parts without interrupting data access while the RAID is on.

Features

- Convenient, Supports Multiple Host Interfaces:
 - 1394 A/B & USB 2.0
 - S-ATA
- No Utility, No driver needed
- RAID level selected by switches
- Support RAID level 0, 0+1, 5, 5+spare
- Support Hot Spare function
- Remote Monitoring GUI Mgmt S/W
- Hot-Swappable Drives
- Hot-Swappable Fan

Hot-Spare

A hard disk drive can be configured as a hot standby disk. When a hard disk drive error occurs in one of the RAID members, this on-line hot-spare disk drive will automatically take over for the failed disk drive.

OS Independent

Whether it is for networks with stand-alone Windows 98, ME, 2000, XP, NT4.0, Red Hat 9.0, or Mac based servers, or for clustered server environments, Caen's RAID offers complete operating system independence and transparency.

Low Total Cost Of Ownership

Caen's RAID ensures a low total cost of ownership by eliminating unnecessary hardware, driver license, and administration costs. Meanwhile, the Caen's Firewire series provide further cost reduction capability by using IDE disk drives which are more cost efficient than traditional RAID systems with SCSI disk drives.

Caen Engineering, Inc.

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Specifications**Multiple Host Interface Support (Optional host module)**

Firewire 1394A/B 400/800 Mbps and USB 2.0, 480 Mbps
S-ATA I, 1.5Gbps

Disk Interface Support

4 x ATA-100/133

RAID Function Support

Hardware RAID level 0, 5, 0+1, 5 + spare by dip switch setting
Hot swappable disk
Automatic on-line rebuilding
Hot spare support

Subsystem Function Support

Driverless

Plug & Play for 1394/USB combo interface Multiple operating system support

- Apple Mac 9.x/X.x later version
- Windows 98/Me/NT 4.0/2000/XP
- Red Hat 9.0 later version

GUI support for system status monitoring

Support up to 2TB RAID capacity

On board 2MB buffer cache size

LCD panel for operation status display

Disk status LED indicators

Fan failed LED indicator

Power failed LED indicator

Event notification through audible alarm or e-mail

Alarm mute switch

One RS-232 port for terminal or GUI connection

Removable cooling fan module

Mechanical, Environmental and Safety Specifications

Dimension: 175mm (width) x 200mm (height) x 402mm (depth)

Weight: 6.65 Kg without disks

Operation temperature: 0 ~ 50 oC

Operation humidity: 5 ~ 95 %, non-condensing

Storage humidity: 5 ~ 75 %, non-condensing

Host Connectors (Optional)

- Two 9-pin 1394 B with power connectors and one USB2.0 connector
- One Serial ATA connector

Interface Connectors

- One RS-232 connector

200W power supply

- 100~250V AC input
- Output +5V/10 A, +12V/10 A, +3.3V/5A
- PFC support

FCC, CE, UL approval**Caen Engineering, Inc.**

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