

Accordance Systems

ARAID™ 3500 SATA RAID Controller

Never lose data from a hard disk crash again™

"The ARAID is the easiest way to protect and secure hard disk data."

Michael F. Stout
The Only Company



Overview

The ARAID 3500 is a PC RAID storage subsystem that prevents loss of data from a hard disk crash. The system easily installs in any PC using the existing hard drive and dynamically building a RAID 1 array with a user drive. The ARAID installs in minutes to constantly protect and back up your computer's data.

ARAID For Any Computer

ARAID is a RAID storage add-on that requires no software to install or operate. Its built in intelligence allows it to connect as simple as attaching a hard drive. The ARAID 3500 works with any operating system including Windows, Macintosh, Linux, and real-time kernels

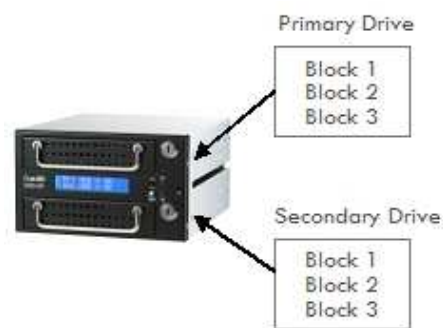
The 24/7 Back Up

Systems running ARAID constantly back up data with negligible affect I/O hard disk performance. Identical copies of data are written to two disks in the RAID array at all times.

Features

- Dynamically builds RAID 1 hard disk arrays connecting to Serial ATA or EIDE host interfaces
- Supports 3.5" SATA II (3G) drives
- Requires no additional software or controller cards to operate
- Hard disk data is constantly backed up
- Disks are hot-swappable for data backup and disk replacement
- Allows easy high speed disk duplication
- Supports any size drive including 2 Terabyte drives
- SNMP Agent for enterprise network management
- Quiet forced air cooling
- LCD display for system and hard drive status
- LED indicators and audible alarm
- Local monitoring software

ARaid 3500 RAID 1 Disk Mirroring



RAID 1 systems mirror data onto two drives by performing all data write operations to both drives. The ARAID 3500 has no overhead running the RAID 1 disk array and runs faster compared to software based RAID. All control is done in the ARAID hardware without using configuration or driver software.

Utilizes Your Existing Hard Disk

The device can be inserted into any PC and builds a RAID 1 array with the existing system drive and a blank secondary drive. The ARAID 3500 dynamically builds a RAID 1 disk array so that if one disk should ever fail, the computer continues to operate on the surviving drive and data is never lost.

Rebuilding is fast and is done even while new hard disk data is being generated on the system.

Eliminate Tape

ARaid's removable storage trays allow users to rotate hard disk in a similar manner as tape for off site storage. Archived images are restored instantly by adding ARAID backed up drive trays to the system. You never waste time rebuilding a system from an archive disk image.

Alerts on Disk Failure

ARaid sends alerts users of any disk failure allowing you to replace the failed drive while the computer is still operating. ARAID alerts with:

- Audio
- LCD
- Email

RAID 1 Data Redundancy

RAID 1 systems mirror data onto two drives by performing all data write operations to both drives. The ARAID 3500 has no overhead running the RAID 1 disk array and runs faster compared to software based configurations. RAID control is done in the ARAID hardware.

SNMP Management

Accordance provides an SNMP Agent (Simple Network Management Protocol) for the ARAID 3500. SNMP simplifies the management and monitoring of multiple ARAID units in enterprise networks. Information provided includes disk status, fan speed and temperature. It is compatible with Accordance's OpManager, HP's OpenView, and IBM's NetView. The Accordance SNMP Agent supports an enterprise MIB, MIB II and ARAID traps.

Compatible Operating Systems

Windows: Server 2000/2003/2008, XP, 2000 Professional, Vista, Windows 7

MacIntosh: OS9 and above

Linux: Red Hat, Fedora, SUSE, Slackware, Debian, Mandrake

DOS: 6.22 and above

SCO UNIX: System V

Novell: NetWare

Sun: Solaris

BSD: OpenBSD, NetBSD, BSDi, FreeBSD

Ordering Information

| <u>Part Number</u> | <u>Description</u> | <u>Controller</u> |
|--------------------|---------------------------|-------------------|
| 885-0018-MB | Internal ARAID Model 3500 | SATA |
| 183-0002-MB | Internal ARAID Model 3500 | IDE |
| 884-0001-MB | External ARAID Model 3500 | USB |
| 000-0019-MB | Extra tray | |

Specifications

Dimensions: Depth – 195mm
Width – 146mm
Height – 86mm
(Space 2U 5-1/4" bay)

Weight: 2.75 lbs (without hard drive)

Temperature: Operating – 0 C ~ 55 C
Storage - -20 C~70 C



Accordance Systems
3636 Westown Parkway, Suite 203
Des Moines, IA 50266
Ph: (515) 223-4845, Fx: (515) 226-3462
www.accordancesystems.com