

Accordance Systems

## ARAID™ R2U Rack Mount Storage

*Never lose data from a hard disk crash again™*

*"A good time to rethink data protection and archiving strategies of applications and systems data is when server consolidation is undertaken "*



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### Data Protection

The ARAID R2U is a 19", 2U rack mount , RAID storage subsystem based on the ARAID 2200 SATA controller. The system easily connects to rackmount servers and external PCs via R2U's SATA, USB or eSATA physical interface.

The ARAID R2U provides a RAID array on two 3.5" SATA (RAID 1 Disk Mirroring) drives connected to a server or stand alone PC for hard disk data protection. If one disk fails, the ARAID keeps the computer operating on the surviving drive which contains 100% of your data. The computer will continue to operate without interruption. Hot swap capability allows the failed hard drive to be replaced and replicated without rebooting.

The ARAID 2200 subsystem supports all platforms including Windows, Linux, Solaris, AS400, and Mac. It requires no software or controller cards to operate. Plug two hard drives into the ARAID and your data is fully protected from a hard disk crash.

Extra trays allow you to rotate trays for easy-to-manage offsite backup.

### Features

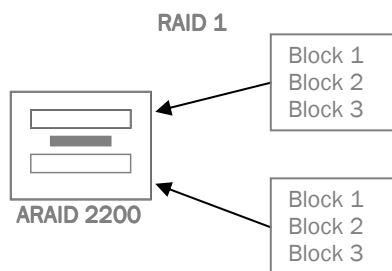
- 19" 2U ARAID rack mount storage unit
- Based on the ARAID 2200 controller
- Connects to a rack mount servers or stand alone PCs via SATA, USB or eSATA
- Hosts two 3.5" SATA drives.
- Provides RAID 1 disk mirroring for data redundancy.
- Requires no additional software or controller cards to operate.
- Disks are hot-swappable for data backup and disk replacement.
- Create a RAID 1 array from an existing drive.
- Includes an SNMP Agent for enterprise network management.
- Forced air cooling.
- LCD display for system and hard drive status.
- LED indicators and audible alarms.

## Installation and Use

The ARAID 2200 is a SATA subsystem that mounts in a single drive bay and supports two SATA drives. No software is required for installation or operation. Installing an ARAID is as simple as installing a normal hard drive, and is much simpler than installing a PCI RAID card and configuring cumbersome RAID controller software.

### RAID 1 for Data Redundancy

RAID 1 systems mirror data onto two drives by transparently performing all data write operations to both drives. Overall, the ARAID 2200 imposes only a 2% overhead on the computer system as the RAID control is done in hardware.



Disk Mirroring

### Disk-to-Disk backup

The ARAID provides an effective backup for disk failures, but an off-site data backup strategy is still required for protection against disaster scenarios.

The ARAID can be used to implement an easy to manage disk-to-disk backup strategy by using an extra tray and disk drive. Simply swap one of the ARAID disk drives with the backup drive and then store the backup drive off-site. The complexity and labor of tape backups is eliminated and backups can be performed without shutting down the PC. Restoring data is as simple as shutting down the PC and inserting the recovery drive into the primary slot of the ARAID and rebooting the PC.

## Local Management

Accordance provides a local monitoring program for the ARAID that provides drive operation status, fan speed and temperature status.

## SNMP Management

Accordance provides an SNMP Agent (Simple Network Management Protocol) for the ARAID 2200. 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.

## Accordance OpManager

Accordance OpManager is an easy to use network management system. The Accordance ARAID MIB and traps are recognized by OpManager and is particularly useful for managing multiple ARAID devices.

## Compatible Operating Systems

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

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>Color</u>	<u>Tray</u>
881-001-MB	19" Rack Mount ARAID M200 External	Black	Metal
000-0023-MB	Extra M200 tray	Black	Metal



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