Accordance Systems

ARAID™ 3500 SATA RAID Controller

Never lose data from a hard disk crash again.™

"Now that an inexpensive, easily installed, hardware-based RAID is available, there's no excuse to put your valuable images and data files at risk."

- Arthur H. Bleich
After Capture

OVERVIEW

The ARAID 3500 is a RAID data protection device for 3.5 inch SATA hard drives. The device connects to the computer via SATA or IDE. The ARAID 3500 dynamically builds a RAID 1 disk array supporting data mirroring on two drives. If one disk should ever fail, the computer continues to run uninterrupted and data is never lost. The ARAID will automatically rebuild a replacement drive when inserted into the ARAID.

The device mounts in two standard 5-1/4" storage bays and appears to the computer as a single hard drive. All data written to the primary drive is automatically and instantly written to the secondary drive. ARAID is easy to install as a single hard drive and requires no additional system or application software to operate.

The computer notifies you of disk failure and continue s to operate without interuption. ARAID hotswap capability allows the failed hard drive to be replaced without rebooting.

FEATURES

- Connects to a SATA or IDE PC host interface. The external model connects to USB.

- Dynamically creates a RAID 1 array with two 3.5" SATA drives. The ARAID drives can be accessed by any controller.

- Requires no additional software or controller cards to operate

- Supports data redundancy through RAID 1 disk mirroring

- Disks are hot-swappable for data backup and disk replacement

- Highly reliable with 50,000 hour MTBF.

- Supports any size SATA II drive.

- SNMP Agent for enterprise network management. Also includes local monitoring software.

- Quiet forced air cooling

- LCD display for system and hard drive status

- LED indicators and audible alarm

Accordance Systems
2001 Westown Parkway, Suite 106
West Des Moines, IA 50265
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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.

ARAID 3500 and 2000 Comparison

The ARAID 2000 is Accordance's legacy SATA solution and has tens of thousands installations worldwide. The ARAID 3500 is a "clean sheet of paper" approach to supporting the SATA 3G and SATA II specifications. For customers considering upgrading to the 3500, we offer the following comparison:

1. Smaller unit body for a better fit in tight PC cases. The 3500 is a full inch short than the 2000. The internal model measures 191mm x 145mm x 85mm.
2. Native support for SATA 3G and SATA II specifications.
3. The back of the trays are now open allowing the drives to connect directly to the controller board. Fewer mechanical connections results in greater reliability.
4. Onboard controller support including SATA and IDE.
5. Up to 2.5X faster rebuild time.

The ARAID 3500. Information provided includes disk status, fan speed and temperature. It is compatible with Accordance's OpManager, HP's OpenView,

Compatible Operating Systems

Windows: 10/8/7/Vista/XP/2000, Server 2012/2008/ 2003/2000/NT,

MacIntosh: OS9 and later

Linux: All distributions

DOS: 6.22 and 6.2.3

SCO UNIX: System V

Novell: NetWare

Sun: Solaris

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Ordering Information

Part Number	Description	Controller
885-0018-MB	Internal ARAID Model 3500	SATA
844-0001-MB	External ARAID Model T3500	USB/SATA
000-0019-MB	Internal ARAID 3500 Tray	