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## Apple Workgroup Server 95: RAID Drives and Mirroring (1/94)

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TOPIC -----

I want to purchase the new Apple Workgroup Server (AWS) 95. I want to use five mirrored hard drives (that's a total of 10 physical hard drives). First is this a problem, and second who makes these drives? I know the drives must be A/UX compatible, and have mirroring capability. Could you please suggest drive vendors making drives to meet my requirements.

Also which version of A/UX is shipped with the AWS 95?

DISCUSSION -----

As of December, 1993 the AWS 95 is shipped with A/UX 3.0.2.

Yes, it is possible to have five mirrored hard drives (total of 10 physical hard drives) within an AWS 95. In theory, a total of 28 (seven drives for the four SCSI Buses) hard drives can be connected to an AWS 95. However since SCSI ID 0 is reserved for Macintosh, and eight drives are the maximum that can be placed inside the computer via the two internal SCSI Buses, the practical total number of physical hard disk drives is 20 (8 + (6 x 2)).

The AWS 95 is capable of supporting disk mirroring. However, the third-party disk manufactures have to provide drives which implement the Redundant Array of Inexpensive Disks (RAID) level 1 disk mirroring technology in the drive.

Below is a partial list of RAID providers for the AWS 95, you should contact them directly. To locate a vendor's address and phone number, use the vendor name as a search string.

- Ciprico Inc.  
Servers supported: AWS 95, AWS 80, AWS 60  
RAID products: Rimfire Series 6700 Disk Array
- Conley Corporation  
Servers supported: AWS 95, AWS 80, AWS 60  
RAID products: SR1/SR2 Fault-Tolerant SCSI Disk Arrays
- CORE International

Servers supported: AWS 95, AWS 80, AWS 60  
RAID products: MicroArray 510, MicroArray 840, MicroArray 1300,  
LANArray 2000, LANArray 4000

- FWB Software, Inc.  
Servers supported: AWS 95, AWS 80, AWS 60  
RAID products: SledgeHammer A/UX Disk Arrays
- MegaDrive  
Servers supported: AWS 95, AWS 80, AWS 60  
RAID products: MegaDrive MR-10

The following partial list of RAID providers are for the AWS 80 and AWS 60, you should contact them directly. To locate a vendor's address and phone number, use the vendor name as a search string.

- MASS Microsystems  
Servers supported: AWS 80, AWS 60  
RAID products: MASSterArray
- MicroNet Technology, Inc.  
Servers supported: AWS 80, AWS 60  
RAID products: RAVEN.040 Disk Array

#### Article Change History:

05 Jan 1994 - Corrected article for technical accuracy and added new vendor.  
23 Dec 1993 - Reviewed for technical accuracy.  
09 Dec 1993 - Changed the title to better reflect the article.  
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