Apple Business Systems
Technical Notes

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Product Technical Support

AWS02 : AWS95 SCSI Termination

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The introduction of the Apple Workgroup Server 95 has led to questions with regard to the SCSI termination requirements for the internal Processor Direct Slot Card and the SCSI busses that it supports. The internal and external SCSI buses on the AWS95 are two separate electrical buses that are logically treated as one via software. This means external cabling and termination issues do not affect the internal bus and vice-versa. Both buses are terminated at the main board. The second termination point for the internal SCSI bus is built-in to the end of the internal SCSI cable, and the second termination point for the external SCSI bus is provided via a terminator connected to the last device on the external SCSI chain.

The AWS 95 retains the same termination scheme on the main board and on the PDS card for a total of four electrically separated SCSI buses. The two buses attached to the PDS card are terminated at the PDS card. The second termination point for the internal PDS SCSI bus is built-in to the end of the internal SCSI cable, and the second termination point for the external PDS SCSI bus is provided via a terminator connected to the last device on the external PDS SCSI chain.