

AMI TECH TIP

TECH TIP NO. 99.003
DATE: August 17, 1991
BOARD TYPE: All
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RELEASED BY: Documentation Control

Novell Netware and Drive Type 47

Problem: Certain versions of Novell Netware have problems using user-defined drive type 47.

Solution: For Netware 2.12, 2.15, 2.2

These versions of Novell Netware will not accept a pointer to a drive parameter table that is below C800:0000. When drive type 47 is selected, the data is copied into low DOS memory. If BIOS Shadow is enabled, the data will be copied back into Shadow RAM (which is in the F000:0000 segment).

In order to use drive type 47, ROM BIOS Shadow must be enabled. Not all chip sets and motherboards have this option. The BIOS date should also be 4/9/90 or later. If Shadow is not available, the only other option is to have a custom drive table burned for the BIOS. This can be done by Upgrades Etc. (800-628-8620) or Washburn & Co. (716-248-3627). If the motherboard has cache, it will be necessary to contact the motherboard manufacturer.

For Netware 3.00, 3.10, 3.11

These versions of Novell Netware do not have the limitation of the drive parameter table being below C000:0000. However, they are sensitive to the format of the address pointer. In some BIOSes this address is not in a format that Novell will accept.

If ROM BIOS Shadow is enabled, you can run the program USERNOV.COM which will change the format of the address pointer. This program can be downloaded from the AMI BBS (404-246-5825). This program will not have any effect if the ROM BIOS Shadow is not enabled, nor will it affect Novell Netware versions 2.12, 2.15, and 2.2.

If you need further assistance, please call AMI Tech Support (404-263-8181).