

American Megatrends, Inc.  
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Problem:

Novell 386 V3.1 does not work with AMI BIOS if User Defined Drive types are used in the setup.

Solution:

BIOS Keeps the user defined drive parameters in ROM address space, and it sets the INT41 (for drive c:, and INT46 (for drive d:) accordingly.

INT41 points to address F7FA:003D (user defined C drive present)  
INT46 points to address F7FA:004D (user defined D drive present)

Novell does not expect the addresses for INT41 and INT46, for it to work correctly, the following pointers must be used:

INT41 ---> F000:7FDD (this is equivalent to F7FA:003D)  
INT46 ---> F000:7FED (this is equivalent to F7FA:004D)

Novell does not decode the entire address, instead, to looks at the segment address only, this obviously causes a problem.

The program USERNOV.COM can be used to change the pointers for INT41 and INT46, to make Novell work. This program should be run before installing Novell 386 V3.1, and should be put in the autoexec.bat file so that it is called before 'server.exe'.

Note: any reset (hard or soft) will clear all the pointers