

American Megatrends, Inc.  
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Problem:

1. During installation of SCO UNIX Rel. 3.2.0s, 80486 system hangs when accessing N2 disk.
2. SCO UNIX, all versions, report the presence of a phantom tape drive, id 0, LUN 0.

Solution 1:

From the point where SCO requests N2 disk, to the point where the keyboard selection apperas, no extra key must be pressed.

It seems like SCO has not masked out the keyboard interrupt, IRQ1 during that time, and any extra key pressed at that time, causes the system to hang.

This same problem was observed on an OPTI 486 25MHz motherboard, with standard IBM Keyboard controller, and non AMI BIOS.

This problem has been seen on the following AMI motherboards:

- Voyager 33MHz/25Mhz
- Enterprise I 33Mhz/25MHZ

This is under investigation for 386 motherboards, also SCO will be informed about this problem.

Solution 2:

This is a well documented problem with SCO UNIX, it should be fixed in the latter releases of SCO UNIX.

One way to eliminate this problem is:

```
# mkdev tape
  Select option 3, remove a tape drive
  Select option 4, remove a SCSI tape drive
  Give id=2, lun=0, controller=0
  rebuild the kernel
  make it the default kernel
# shutdown -g0 -i0 -y, to reboot
```

- When the UNIX system is rebooted, the phantom SCSI tape should have been eliminated.
- If some one tries to install a SCSI tape without removing this phantom tape drive, there could be driver conflicts.