

Enumerating more than Four Serial Ports in Linux

If a system is built with the Radisys motherboard or has two or more eDVR boards, there are more than four serial ports. However, Ubuntu 8.04 enumerates only four serial ports by default. To change the number of serial ports enumerated, complete the following steps:

1. Edit menu.lst by typing **sudo nano /boot/grub/menu.lst**
2. Find the line that starts with **# kopt=** and ends with **ro** and add the following to the end: **8250.nr_uaarts=16**
3. Save the file by pressing Ctrl-o and then Enter.
4. Exit by pressing Ctrl-x.
5. Execute the following command to refresh grub: **sudo update-grub**

NOTE: The first character in "lst" is the lowercase letter L and not the number 1.