

How to install Debian 4.0 on computers serie RB-26xDX, TC-26xDX

Ver 0.9

1. Please download the kernel package from our FTP server, and copy it to a USB pendrive.

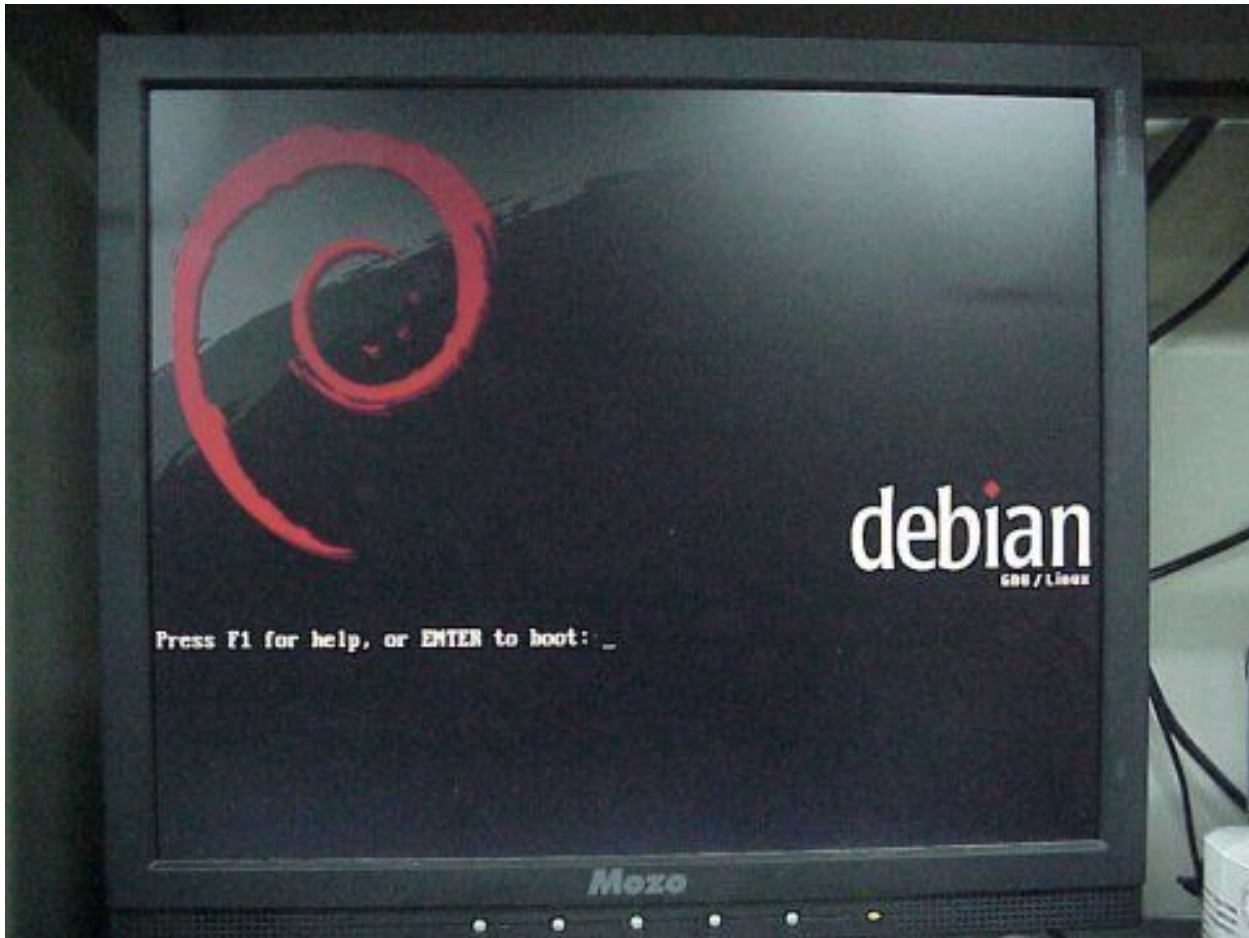
ftp://ftp.xtendlan.com/XtendLan/RB_TC-261DX_261HDX_261LDX_262DX/Linux/Debian/linux-image-2.6.27.9-x86dx.deb

2. Please download a Debian netinst CD image in

http://cdimage.debian.org/debian-cd/4.0_r5/i386/iso-cd/

3. Burn the CD and boot it.

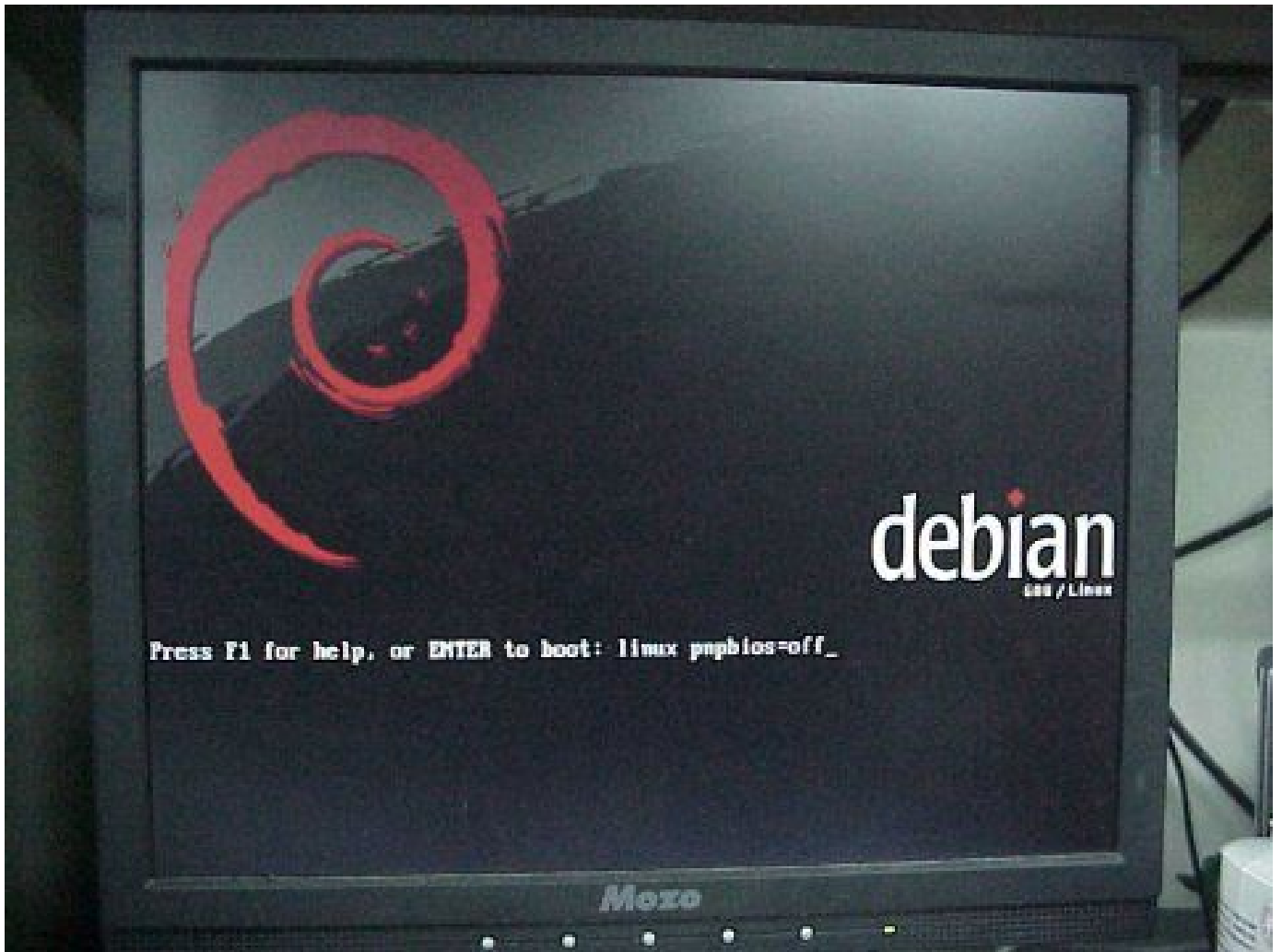
4. You may see the boot screen.



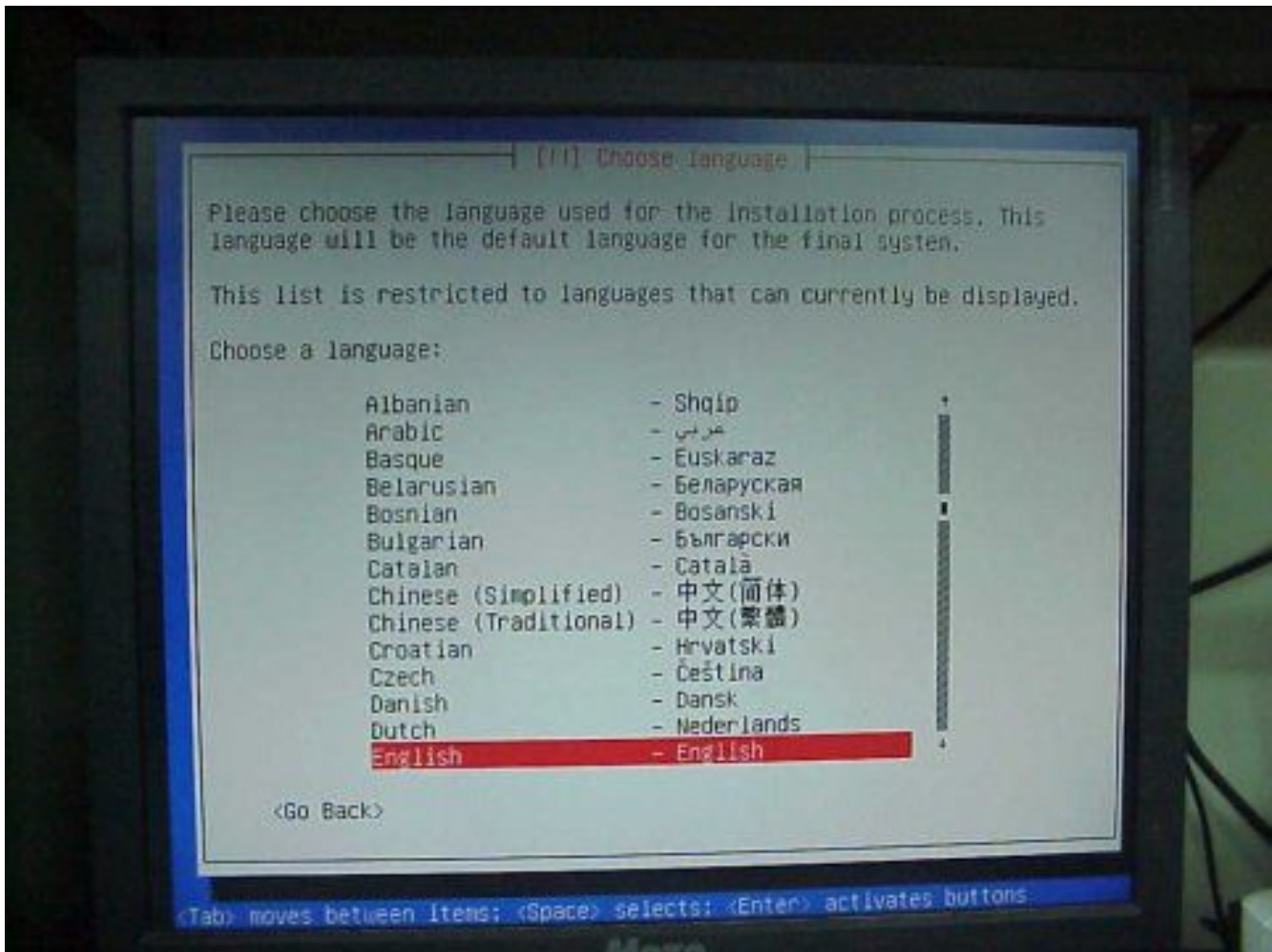
5.If you just press ENTER, you will see the kernel panic.



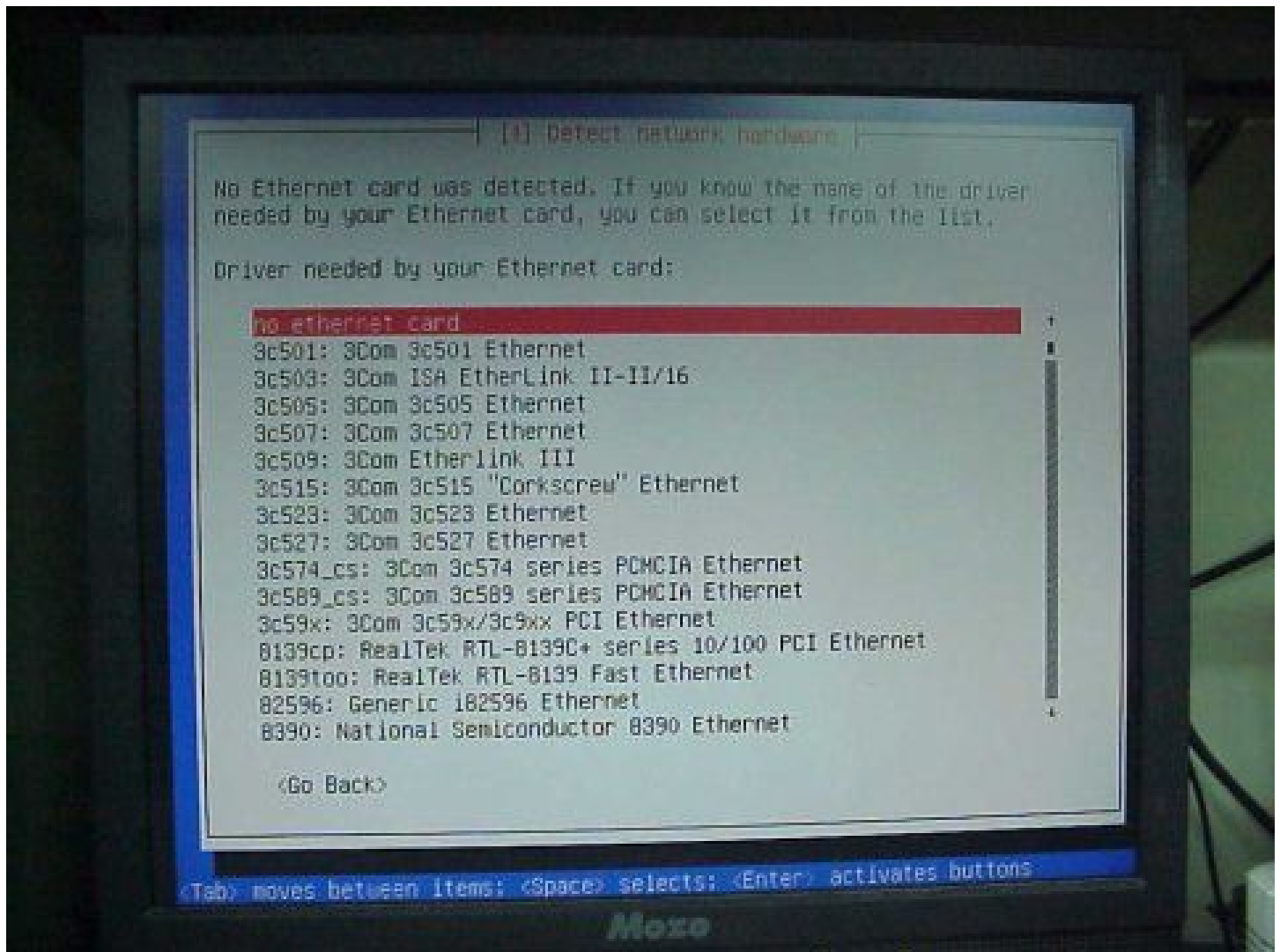
6. Please type 'linux pnpbios=off' and press ENTER to work around the problem.



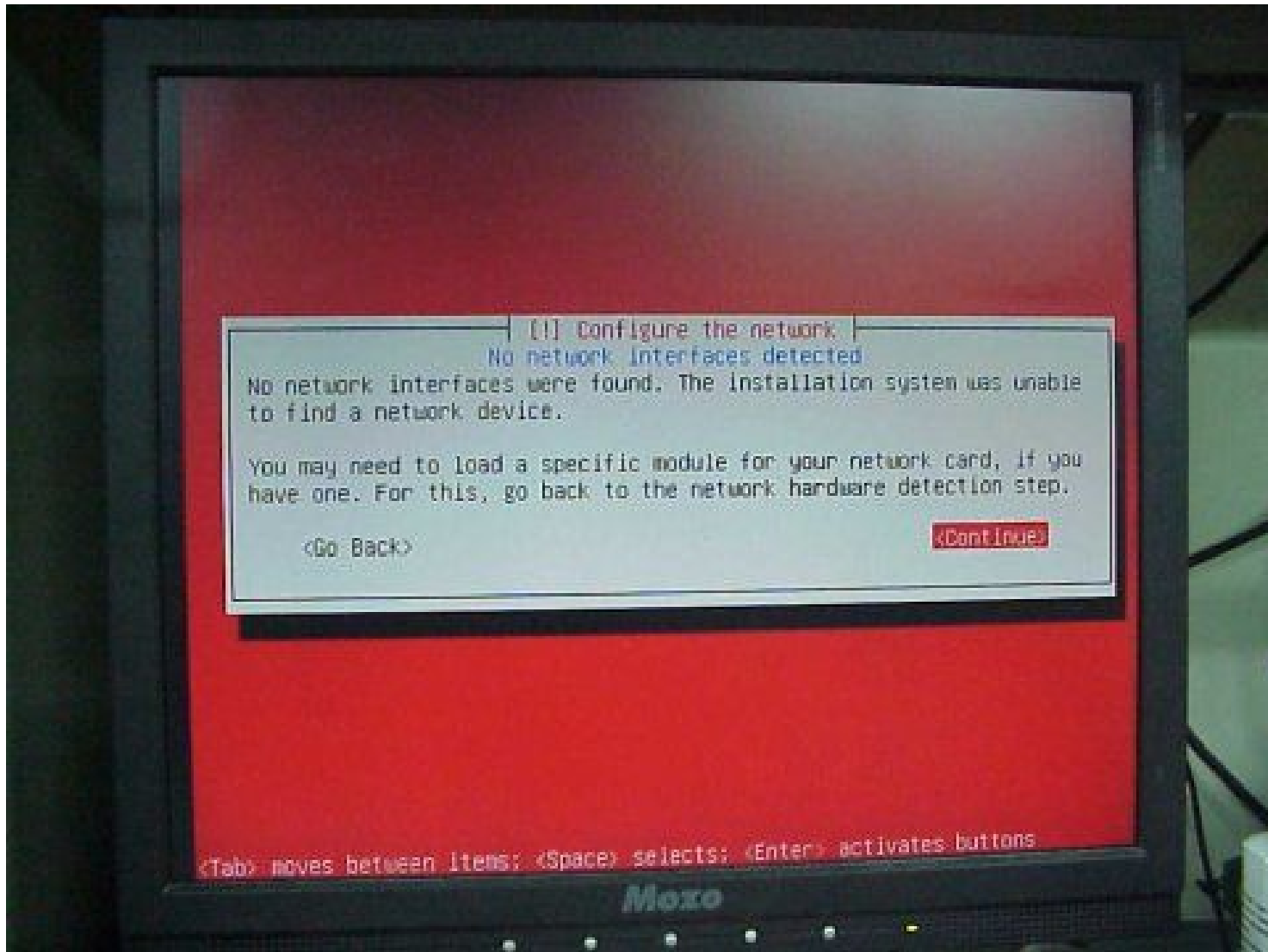
7. After a while, the Debian installer starts. Please follow the steps shown on the screen. Such as choosing language, country and so on.



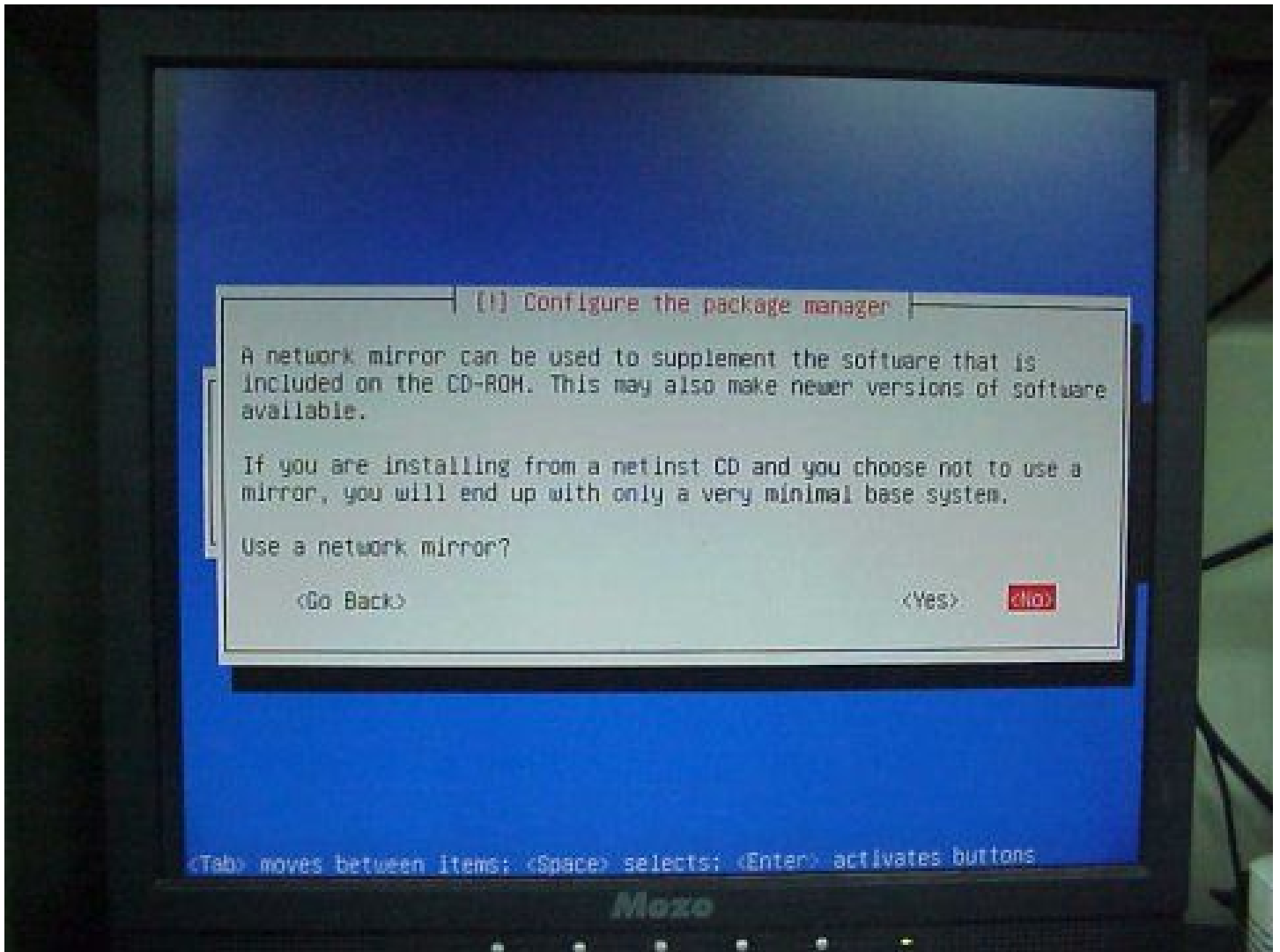
8. Because there is no available ethernet driver in the kernel, the installer would tell you no ethernet card was detected. Please select 'no ethernet card' in this step.



9. You will be warned that no network interfaces were found. Please ignore it.



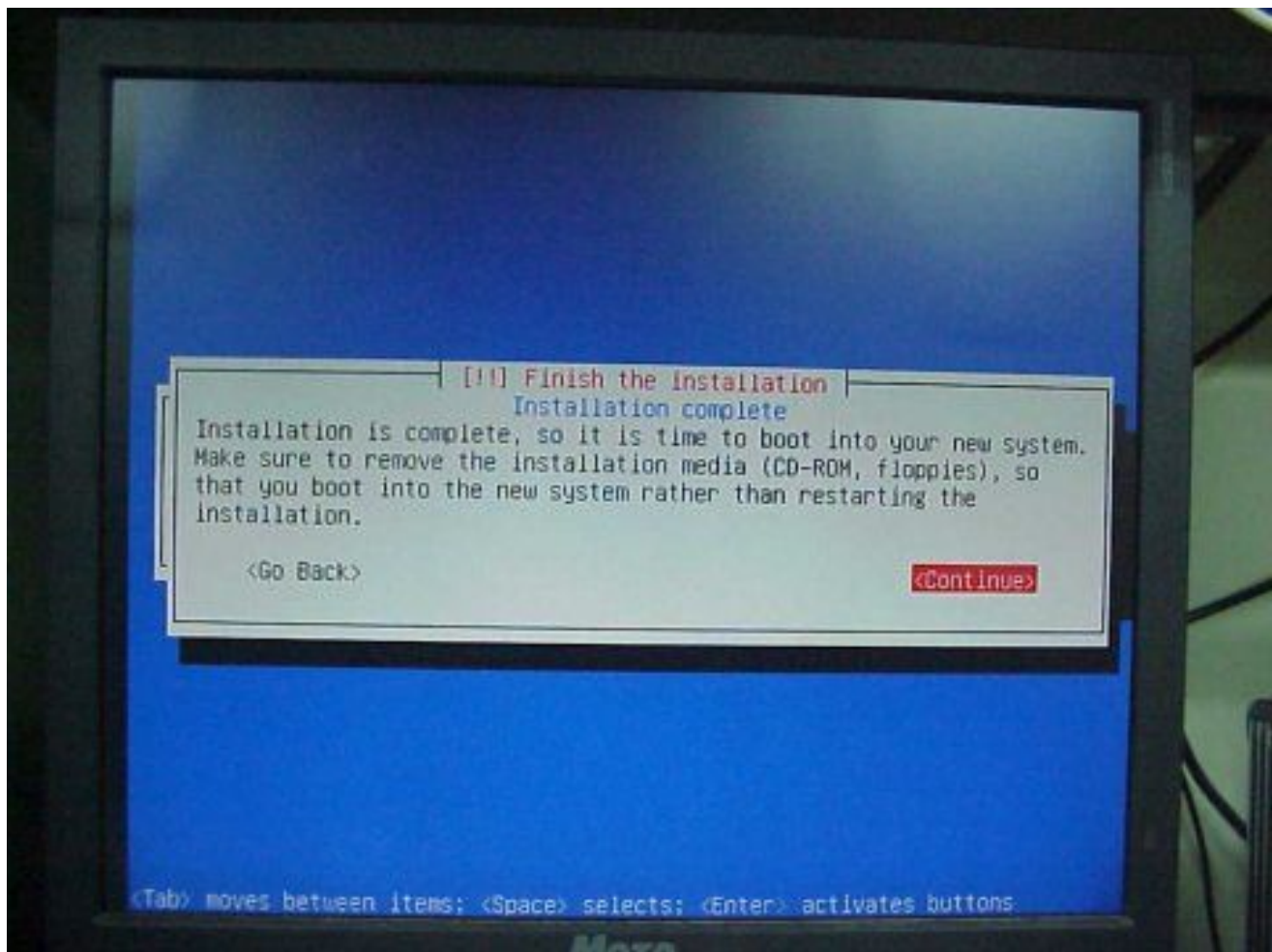
10. Since no internet connection was found, please choose 'No'. We will configure the network mirror later.



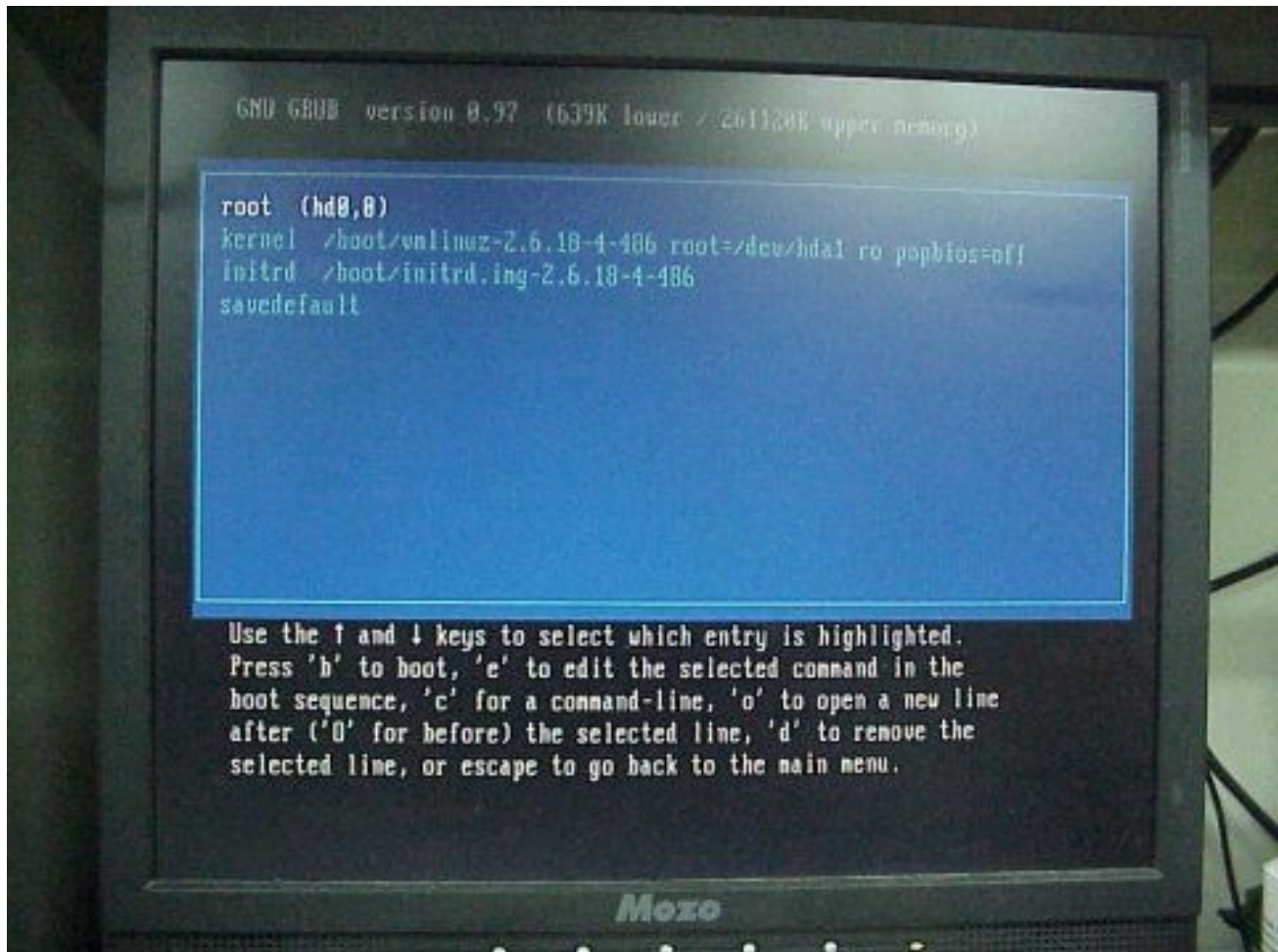
11.The same problem. Please select 'Continue'.



12. After all steps have been done, please restart the system.



13. You can check the kernel arguments in the grub boot menu.



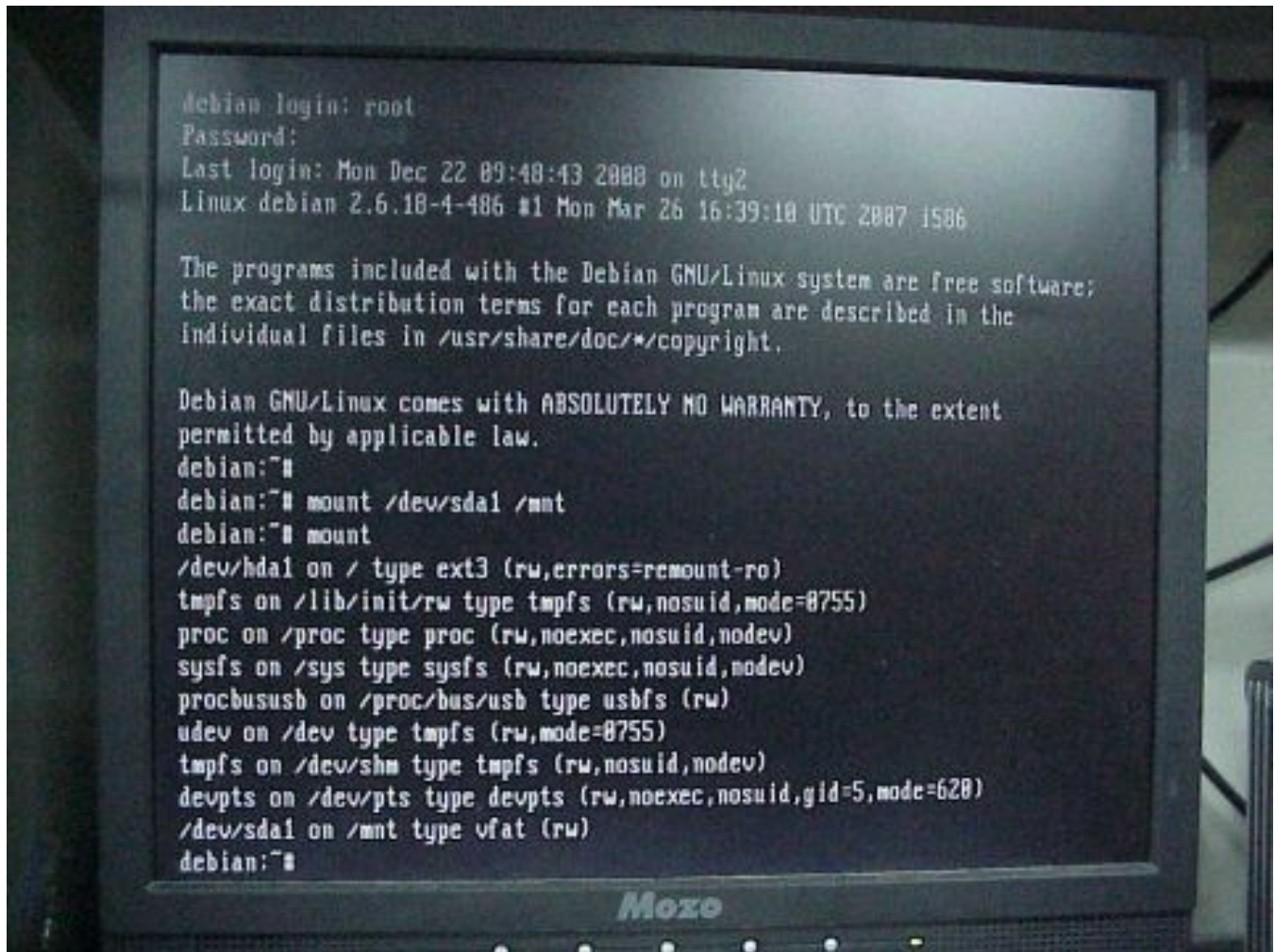
14. Please insert the USB pen drive which you used to store the downloaded kernel package file and mount it.

```
debian login: root
Password:
Last login: Mon Dec 22 09:48:43 2008 on ttg2
Linux debian 2.6.18-4-486 #1 Mon Mar 26 16:39:18 UTC 2007 i586

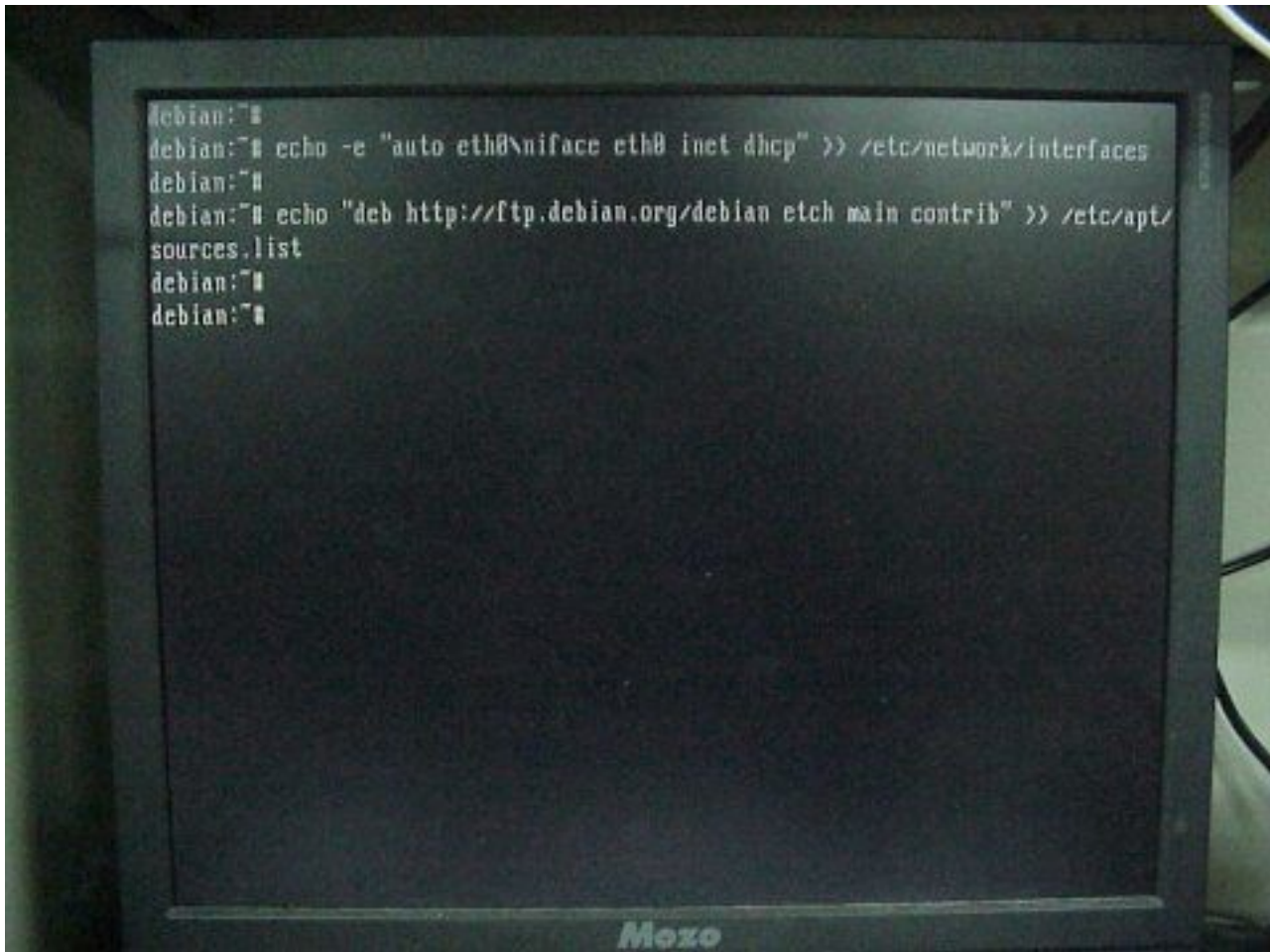
The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
debian:~#
debian:~# mount /dev/sda1 /mnt
debian:~# mount
/dev/hda1 on / type ext3 (rw,errors=remount-ro)
tmpfs on /lib/init/rw type tmpfs (rw,nosuid,mode=0755)
proc on /proc type proc (rw,noexec,nosuid,nodev)
sysfs on /sys type sysfs (rw,noexec,nosuid,nodev)
procbususb on /proc/bus/usb type usbfs (rw)
udev on /dev type tmpfs (rw,mode=0755)
tmpfs on /dev/shm type tmpfs (rw,nosuid,nodev)
devpts on /dev/pts type devpts (rw,noexec,nosuid,gid=5,mode=620)
/dev/sda1 on /mnt type vfat (rw)
debian:~# _
```

15. Install the new kernel by running 'dpkg -i'.

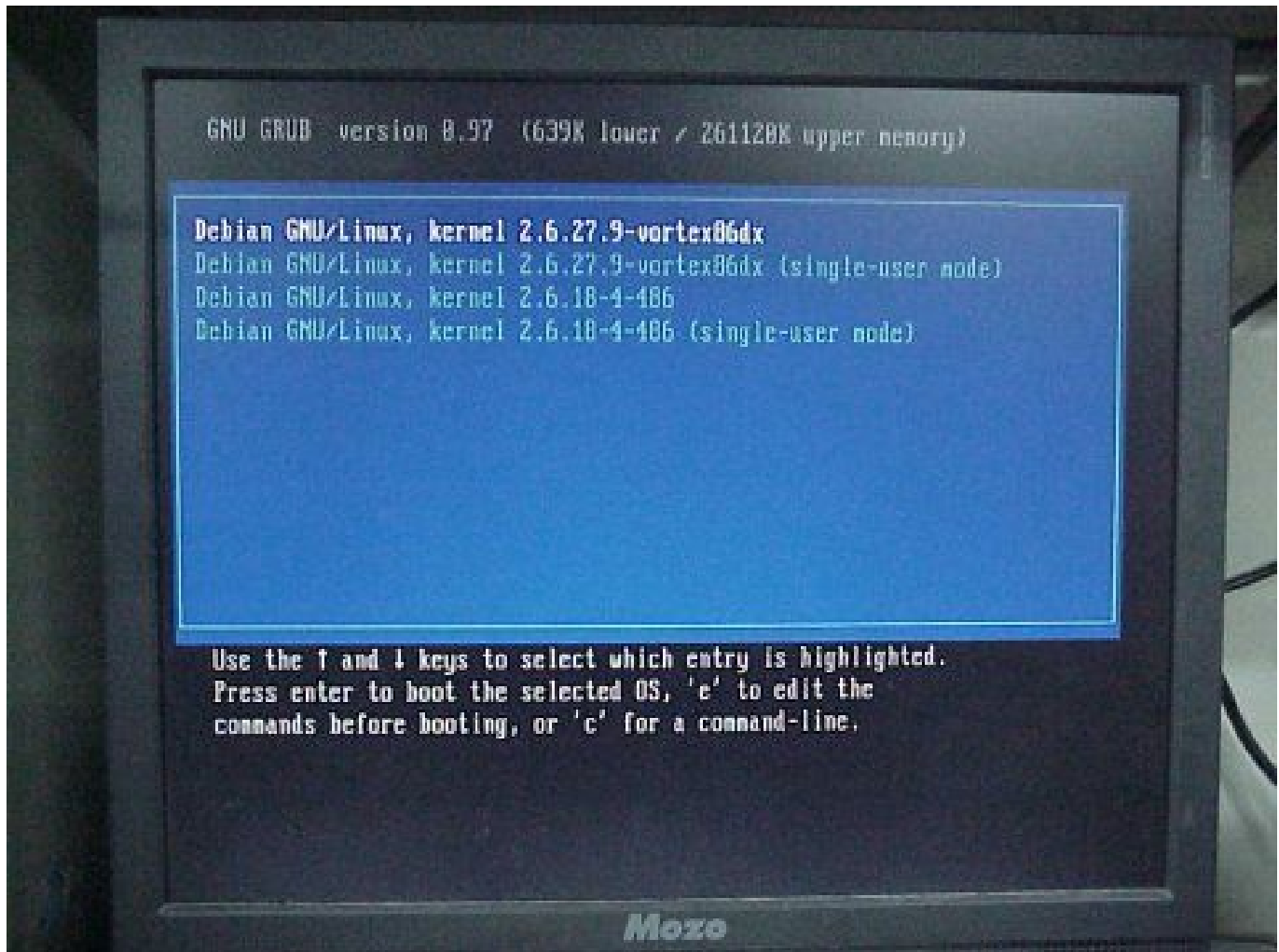


16. Don't forget to configure your network and APT source.list.

A photograph of a computer monitor displaying a terminal window. The terminal shows a series of commands being entered into a Debian system. The commands are: 'echo -e "auto eth0\niface eth0 inet dhcp" >> /etc/network/interfaces', 'echo "deb http://ftp.debian.org/debian etch main contrib" >> /etc/apt/sources.list', and two empty lines. The terminal prompt is 'debian:~#'. The monitor has the 'Moxo' logo at the bottom center.

```
debian:~#  
debian:~# echo -e "auto eth0\niface eth0 inet dhcp" >> /etc/network/interfaces  
debian:~#  
debian:~# echo "deb http://ftp.debian.org/debian etch main contrib" >> /etc/apt/  
sources.list  
debian:~#  
debian:~#
```

17. Use the new kernel to reboot again.

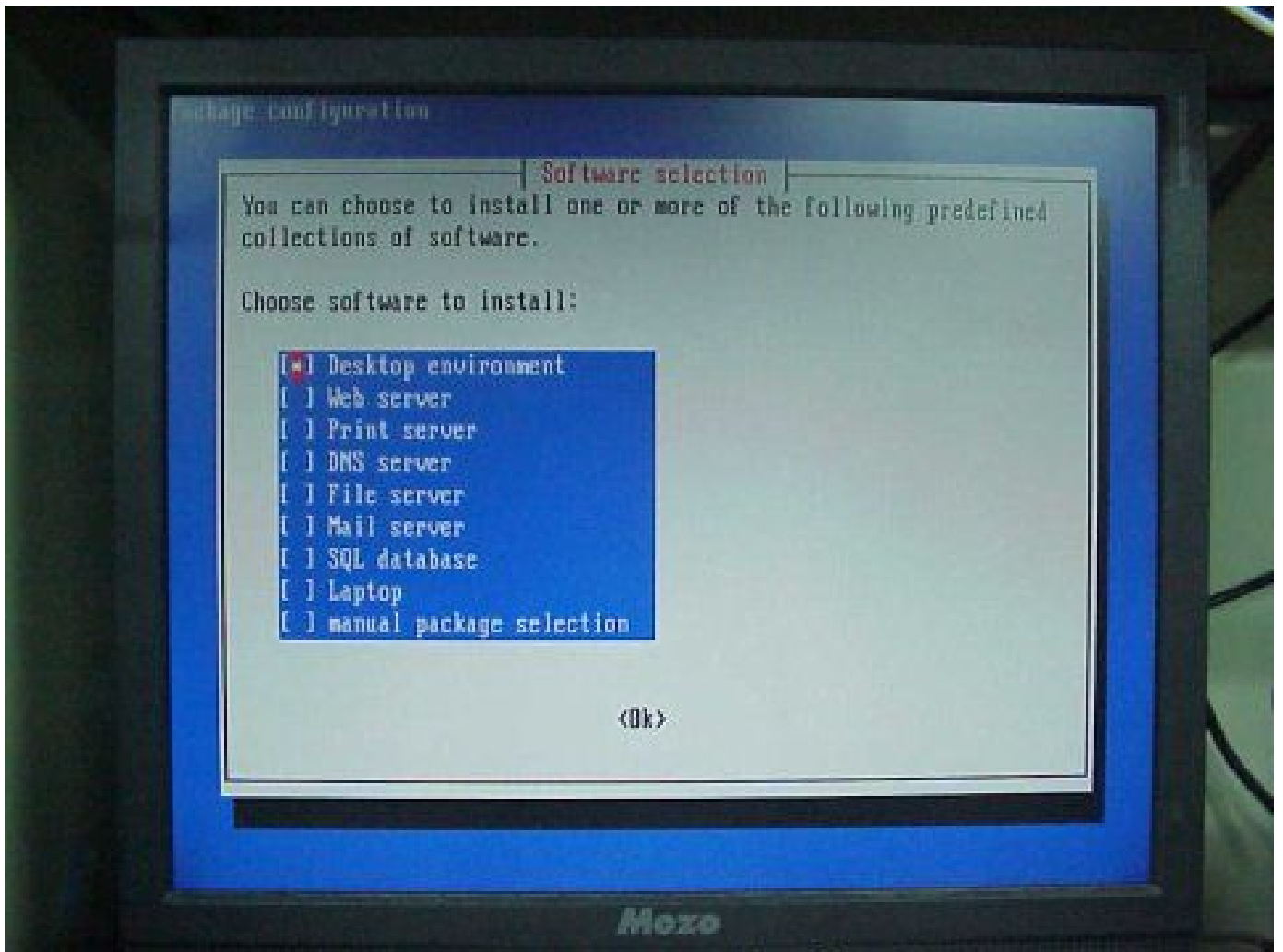


18. Update packages databases.

```
debian:~# aptitude update
Ign cdrom://[Debian GNU/Linux 4.0 r0 _Etch_ - Official Multi-architecture i386/a
md64/powerpc NETINST #1 20070407-13:10] etch Release.gpg
Ign cdrom://[Debian GNU/Linux 4.0 r0 _Etch_ - Official Multi-architecture i386/a
md64/powerpc NETINST #1 20070407-13:10] etch Release
Ign cdrom://[Debian GNU/Linux 4.0 r0 _Etch_ - Official Multi-architecture i386/a
md64/powerpc NETINST #1 20070407-13:10] etch/contrib Packages/DiffIndex
Ign cdrom://[Debian GNU/Linux 4.0 r0 _Etch_ - Official Multi-architecture i386/a
md64/powerpc NETINST #1 20070407-13:10] etch/main Packages/DiffIndex
Get:1 http://ftp.debian.org etch Release.gpg [3060]
Get:2 http://security.debian.org etch/updates Release.gpg [1090]
Hit http://security.debian.org etch/updates Release
Hit http://ftp.debian.org etch Release
Ign http://security.debian.org etch/updates/main Packages/DiffIndex
Ign http://ftp.debian.org etch/main Packages/DiffIndex
Hit http://security.debian.org etch/updates/main Packages
Ign http://ftp.debian.org etch/contrib Packages/DiffIndex
Hit http://ftp.debian.org etch/main Packages
Hit http://ftp.debian.org etch/contrib Packages
Fetched 2B in 4s (80/s)
Reading package lists... Done
debian:~#
```

Moxo

19. Finally, run 'tasksel' to install a complete Debian system.



20. Done