

How to install DFE-550TX onto Linux Redhat 6.2

Description & File Attachment :

The following is the DFE-550Tx Linux driver transfer method from Floppy driver disk to Linux.

<Transfer by floppy:> You can select one to transfer driver.

Use the Linux built-in command "**mcopy**"

0. In the windows, extract DFE-550Tx Linux driver to floppy.

1. In Linux,

```
* rm -fr /temp
* md temp
* mcopy -t a:\* /temp
```

Use the Linux built-in command "**mount**"

1. mount -t vfat -o conv=t /dev/fd0 /mnt/floppy

2. cp /mnt/floppy/* /temp

Note.2 : installation in Red Hat

- 1:mkdir temp
- 2:cd temp
- 3:mcopy -t a:sundance.c /temp. (copies from DOS disk to current working directory)
mcopy -t a:pci-scan.c /temp (mcopy is mtools if you don't have mtools,you can mount
-t /dev/fd0 and use cp command)
mcopy a:pci-scan.h /temp
mcopy a:kern_compat.h /temp
mcopy a:Makefile /temp
- 4:type
- gcc -DMODULE -Wall -Wstrict -prototypes -O6 -c sundance.c
- gcc -DMODULE -D__KERNEL__ -DEXPORT_SYMTAB -Wall -Wstrict -prototypes -O6 -c
pci-scan.c
to generate sundance.o && pci-scan.o
- 5:cp sundance.o /lib/modules/2.2.XXX/net/sundance.o
cp pci-scan.o /lib/modules/2.2.XXX/net/pci-scan.o
- 6:linuxconf (run linuxconf)
- 7:enter setting in the Config/Networking/Client tasks/Basic host information/
Enable this adapter
IP address: xxx.xxx.xxx.xxx
Netmask: 255.255.255.xxx
Net device: eth0
Kernel module: sundance
8. Restart PC
9. Check the Ethernet option while boot up.
10. Use "dmesg" command to check the message
11. Use "ifconfig" to check the ethernet information.