

SUSE Linux Enterprise Desktop 10 SP3

X Window 6.9.0

Kernel 2.6.16.60-0.54.5-smp

Gnome

Install History

1. Use “**setserial –g /dev/ttyS?**” to check the serial port settings

```
#setserial –g /dev/ttyS?
```

EX:

```
/dev/ttyS0, UART: 16550A, Port: 0x3F8, IRQ: 4
```

```
/dev/ttyS1, UART: 16550A, Port: 0x2F8, IRQ: 3
```

...

Please confirm the settings the same with BIOS options.

If the serial port information is not correctly, modify “**/etc/rc.d/boot.local**” add commands like below:

```
setserial /dev/ttyS0 UART 16550A P, Port: 0x3F8, IRQ: 4
```

...

The boot.local will modify the settings when you boot up the machine.

2. Extract the file and modify the file mode.

```
#su (login the root account)
```

```
#cd SLED\ 10\ SP3_RS232_V1.0.0.0\SLED\ 10\ SP3_RS232\
```

```
#chmod * 777
```

3. Install touch driver

```
#./install_rs232
```

4. Modify xorg.conf file

```
Section "ServerLayout"
```

```
Identifier "Default Layout"
```

```
Screen "Default Screen"
```

```
InputDevice "Touchscreen0" "SendCoreEvents"
```

```
EndSection
```

```
Section "InputDevice"
```

```
Identifier "Touchscreen0"
```

```
Driver "xfdrvtouch"
```

```
Option "Device" "/dev/ttyS4"
```

```
Option "ScreenNo" "0"
```

Option	"Rotation"	"0"
Option	"SwapY"	"0"
Option	"DebugLevel"	"0"
Option	"UpSound"	"1"
Option	"DownSound"	"1"
Option	"RightButtonON"	"1"

EndSection

5. Press Ctrl+Alt+Backspace to restart X server or reboot PC.

6. Run Touch Utility:

I. Run linearity utility (need root account)

```
#Linear232 /dev/ttySx n
```

where x=0,1,2...n, 0=COM1, 1=COM2, ..., n = 5 or 9 <default>

II. Run calibration utility (need root account)

```
#Calib_3P232 /dev/ttySx
```

where x=0,1,2...n, 0=COM1, 1=COM2, ...

III. Run FreeDraw utility

```
#FreeDraw
```