

Re: [SLE] Toshiba Satellite 5205-S503

Source: <http://linux.derkeiler.com/Mailing-Lists/SuSE/2003-11/1274.html>

From: Jerome Krough (ozric2k1_at_comcast.net)

Date: 11/08/03

To: suse-linux-e@suse.com

Date: Sat, 8 Nov 2003 12:24:43 -0500

On Saturday 08 November 2003 12:11 am, George H. Griffin wrote:

- > *Has anybody ever got linux to run properly on this model? I am*
- > *currently trying to get SuSE 9.0 up and running on one without success,*
- > *the problem seems to be with the Nvidia graphics card (GeForce4 460 Go).*
- >
- > *I've checked the support db, linux-on-laptops, and google without*
- > *finding anything that has worked. When I did the initial install I*
- > *downloaded the latest nvidia driver during the installation process and*
- > *got into KDE ok, but the display did not fill the screen (1024 x 780*
- > *resolution, in windows the screen is filled at this resolution).*
- >
- > *Every time I tried to change any of the settings in Yast (even mouse*
- > *settings) I'd get a garbled screen when I tested the settings and had to*
- > *kill the X server with Ctrl-alt-backspace.*
- >
- > *I just removed the 4496 driver and replaced it with the 4363 driver and*
- > *now every time I test the settings in Sax2 the screen is garbled--even*
- > *using settings that worked with the newer driver so all I have is a*
- > *console now.*
- >
- > *Possibly related, whenever I'd try to shut the machine down from KDE*
- > *when it was working it would hang with a garbled screen and never did*
- > *shutdown, although it would reboot OK when that choice was selected in*
- > *the shutdown menu.*
- >
- > *I'd really like to get SuSE running on this machine so any suggestions*
- > *are welcome.*
- >
- > *Thanks,*
- >
- > *George*
- > *--*
- > *George H. Griffin Powered by SuSE Linux 8.2, kernel 2.4.20*
- >
- > *"Some mornings it just doesn't seem worth it to gnaw through the leather*
- > *straps"*
- > *Emo Philips*

I had a similar problem. I solved it by creating my own XF86Config (See Below) by combining RedHat and Suse XF86Config files. You will need to have the Nvidia driver installed, I used the 4363 driver, and you will need to change the monitor, mouse, and keyboard to fit. You may also want to comment out, or change the 1 to 0, for the NvAgp option in the video card section.

```
# generic XFree86 4.x configuration file
```

```
Section "Files"
```

```
FontPath"/usr/X11R6/lib/X11/fonts/truetype/"
```

```
FontPath"/usr/X11R6/lib/X11/fonts/URW/"
```

```
FontPath"/usr/X11R6/lib/X11/fonts/uni/"
```

```
FontPath"/usr/X11R6/lib/X11/fonts/misc/"
```

```
ModulePath"/usr/X11R6/lib/modules"
```

```
RgbPath"/usr/X11R6/lib/X11/rgb"
```

```
InputDevices"/dev/psaux"
```

```
InputDevices"/dev/input/mice"
```

```
InputDevices"/dev/input/event0"
```

```
EndSection
```

```
Section "ServerFlags"
```

```
Option"AllowMouseOpenFail"
```

```
Option"BlankTime""0"
```

```
EndSection
```

```
Section "Module"
```

```
Load"dbe"
```

```
Load"extmod"
```

```
Load"glx"
```

```
# extensions
```

```
EndSection
```

```
Section "InputDevice"
```

```
Driver"keyboard"
```

```
Identifier"Keyboard[0]"
```

```
Option"Protocol""Standard"
```

```
Option"XkbRules""xfree86"
```

```
Option"XkbKeycodes""xfree86"
```

```
Option"XkbModel""pc105"
```

```
Option"XkbLayout""en"
```

```
Option"XkbVariant""nodeadkeys"
```

```
EndSection
```

```
Section "InputDevice"
```

```
Driver "mouse"
```

```
Identifier "Mouse[1]"
```

```
Option "Protocol" "imps/2"
```

```
Option "Device" "/dev/mouse"
```

```
Option "ZAxisMapping" "4 5"
```

```
EndSection
```

```
Section "Monitor"
Identifier "Monitor0"
VendorName "Monitor Vendor"
ModelName "Samsung SyncMaster 570v"
HorizSync 30.0 - 61.0
VertRefresh 50.0 - 75.0
Option "dpms"
EndSection
```

```
Section "Device"
Identifier "Videocard0"
Driver "nvidia"
VendorName "Abit"
BoardName "NVIDIA GeForceFX 5200"
VideoRam 65536
Option "NvAgp" "1"
EndSection
```

```
Section "Screen"
Identifier "Screen0"
Device "Videocard0"
Monitor "Monitor0"
DefaultDepth 24
SubSection "Display"
Depth 16
Modes "800x600" "640x480"
EndSubSection
SubSection "Display"
Depth 24
Modes "1024x768" "800x600" "640x480"
EndSubSection
EndSection
```

```
Section "ServerLayout"
Identifier "Default Layout"
Screen 0 "Screen0" 0 0
InputDevice "Mouse[1]" "CorePointer"
InputDevice "Keyboard[0]" "CoreKeyboard"
EndSection
```

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