

3.1.2 Driver Installation for Linux

Intel i810 / i815 Graphic Driver Installation Notes

*** A. Download and read the Intel Graphic Release Notes**

(<http://support.intel.com>)

B. Download two RPM files from support.intel.com

i810Gtt-0.2-4.src.rpm and XFCom_i810-1.2-3.i386.rpm

*** Prerequisites**

a. XFree86 3.3.6

b. Kernel version 2.2.x or higher with sources

c. glibc 2.1 or higher

d. gcc

**** RedHat 6.2 includes all of them ****

*** The following steps are done in Redhat 6.2**

A. Compile and install the kernel module

```
mkdir /810
```

```
# copy two rpm files (I810Gtt-0.2-4.src.rpm
```

```
      XFCom_i810-1.2-3.i386.rpm) to /810
```

```
cd /810
```

```
rpm --recompile I810Gtt-0.2-4.src.rpm
```

A. Verify that the module has been correctly loaded

```
cat /proc/modules | grep agpgart
```

A line starting with "agpgart" should be produced

B. XFCom i810 Server Installation

(1) Verify the XFree86 version

```
/bin/sh -c 'X -version 2>&1 |head -2'
```

the version has to be 3.3.6

(2) Install the XFXom_i810 server

```
cd /810
```

```
rpm -Uvh XFCom_i810-1.2-3.i386.rpm
```

C. Use Xconfigurator to setup the XF86Config file

```
su -c Xconfigurator
```

D. Start X windows

```
startx
```