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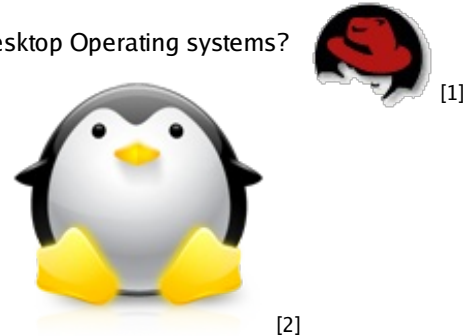
Linux Configure Intel 4965 PRO Wireless Card

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Q. How do I configure Intel 4965 PRO Wireless Card under Red Hat Linux Desktop Operating systems?

A. You need to install firmware package called `iwl4965-firmware` using RHN. You can also download the same from Red Hat FTP server. You must login as the root user to perform following tasks.

First make sure your PCI hardware database is upto date. To download new version of the PCI ID list type the following command at a shell prompt:



```
# update-pciids
```

Sample output:

% Total	% Received	% Xferd	Average Speed	Time	Time	Time	Current
			Dload Upload	Total	Spent	Left	Speed
100	130k	100	130k	0	0	209k	0
----	----	----	----	----	----	----	----
Done.							520k

Next, confirm that the 4965 hardware is present in the system, enter:

```
# lspci | grep 4965
```

Once confirmed, type the following command to install support for Intel 4965 PRO Wireless Card, enter:

```
# yum install iwl4965-firmware
```

Open `/etc/modprobe.d/blacklist` file, enter:

```
# vi /etc/modprobe.d/blacklist
```

Remove or comment the blacklist `iwl4965` line to enable the `iwl4965` driver, at the end it should look like as follows:

```
# don't load iwl4965 by default, bug 245379
# blacklist iwl4965
```

Save and close the file. Reboot the laptop:

```
# reboot
```

After reboot the driver should get properly loaded. Linux will also create the necessary configuration file for the wireless card at this stage. Finally, turn on NetworkManager service:

```
# chkconfig NetworkManager on
# /etc/init.d/NetworkManager start
```

Now, Wireless network access can be managed by left-clicking on the Network Manager icon in the upper right-hand corner of the desktop screen. You can set IP address or obtain it via dhcp. You can also set wireless password and other security settings.

You can download updated driver from [official project web site](#) ^[3]. It support following drivers:

- adm8211
- at76_usb
- ath5k
- b43
- b43legacy
- iwl3945
- iwl4965
- ipw2100
- ipw2200
- ub8xxx
- libertas_cs
- p54_pci
- p54_usb
- rndis_wlan
- rt2400pci
- rt2400pci
- rt2500pci
- rt2500usb
- rt61pci
- rt73usb
- rtl8180
- rtl8187
- zd1211rw

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[3] official project web site: <http://linuxwireless.org/en/users/Download>