

Re: Fedora 5 – Intel Pro/Wireless LAN 2100 3B Mini PCI adapter woes.

Source: <http://linux.derkeiler.com/Newsgroups/comp.os.linux.networking/2006-10/msg00648.html>

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 - *Date:* 25 Oct 2006 07:15:56 -0700
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Hi Davide.

Thanks for the response.

The Wireless is activated on the laptop but I'm not sure whether the correct Drivers or Firmware are loaded.

I've downloaded the appropriate packages but I'm not confident enough to know whether what I'm attempting to do is correct or not.

An attempt to follow this guide ... :

----- START GUIDE QUOTE

Guide to install the Intel PRO Wireless 2100 Driver for Linux

Taken from:

<http://jrblevin.freeshell.org/linux/ipw2100/>

1. Introduction

This is a short guide to install the Intel PRO/Wireless 2100 Driver for Linux. The ipw2100 project, created by Intel, provides support for the PRO/Wireless 2100 mini PCI adapter found in many Centrino based systems. Parts of this mini-HOWTO are specific to a fresh installation of Fedora Core 2 on a standard i386 system but these steps should translate to other distributions quite easily. I have also appended a section at the end which is specific to Debian systems.

Note: At the time of the first draft of this HOWTO, ipw2100 was at version 0.45 and still required hostap but more recent versions have dropped this dependency. Most of the steps below were written as of version 0.45 but the Debian section is current as of version 0.60 which does not require hostap.

2. Preliminary Checks

There are a few dependencies to check before installing the driver.

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According to the ipw2100 documentation:

In order to use the ipw2100 driver you will need the following:

1. hostap-driver-0.1.3 (for WEP {encryption})
2. Linux (of course) with a 2.4.23+ or 2.6.1+ kernel
3. Wireless Extensions (v16) and Tools (v27)
4. The ipw2100 driver.
5. The ipw2100 binary firmware image.

Fedora Core 2 ships with the 2.6.5 kernel which includes the wireless extensions, and the wireless-tools package should be installed by default. If you want to make sure you have everything you need, confirm that you have wireless-tools, hotplug, and pcmcia-cs installed:

```
[jrblevin@syd jrblevin]$ rpm -q hotplug pcmcia-cs wireless-tools  
hotplug-2004_04_01-1  
pcmcia-cs-3.2.7-1.5  
wireless-tools-26-4
```

If you issue the above command and all three packages are li