

Driver Issue solution in Dual boot Ubuntu with pre-installed Windows on HP laptops (wifi adapter : realtek rtl8821ce on PCIe slot)

Wifi not detected or not shown at all in Ubuntu but it works in windows

Use the following command to check whether the system is detecting the hardware or not (iwconfig will show nothing):

```
$lspci -nnk | grep -iA 2 '^[:space:]].*net' | sed '/^--$/d; /^[:space:]/ i\\'
```

NOTE the hardware version : here it was rtl8821ce

Download the relevant driver from here:

```
$git clone https://github.com/tomaspinho/rtl8821ce
```

Go to the directory and run the following commands:

```
$cd rtl88ce
```

```
$chmod +x dkms-install.sh
```

```
$sudo ./dkms-install.sh
```

```
$source ~/.bashrc
```

```
$sudo modprobe -a 8821ce
```

That's it.

WIFI will start showing using iwconfig and now you can use it.