

# Use Intel Quad bypass cards (82571EB PRO)

## Download latest intel e1000e drivers

These drivers are available on [sourceforge](#).

## Identify the parameters of your particular adapter

## Identify the exact model you have

Run `sudo lshw -C network` and identify the full name of your network card. Mine ended up being `82571EB PRO/1000 AT`.

Then, look in `/usr/share/misc/pci.ids` for that code and pull out the pci-id for that code (in this case `10a0`).

## Modify drivers & compile

Uncompress the tar'd driver.

```
tar -xzf
```

Move into `src`

```
cd src
```

Modify the definition of `E1000_DEV_ID_82571EB_QUAD_COPPER` in `hw.h`.

```
echo "#define E1000_DEV_ID_82571EB_QUAD_COPPER 0x10A0" >>hw.h
```

Compile the module and install

```
sudo make install
```

# reload module

```
sudo modprobe -r e1000e; sudo modprobe e1000e
```

Your nics should show up as `DISABLED` instead of `UNCLAIMED`.

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