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 -xzvf
```

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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