

Install pciutils

Download and decompress the zip: <https://github.com/pciutils/pciutils>

Open terminal.

```
> cd ~/Downloads/pciutils-master
> sudo make install
> echo '/usr/local/sbin' >> /etc/paths
```

Open a new terminal window (so you get the new command path):

```
> sudo update-pciids
> sudo nvram boot-args="debug=0x144"
```

Restart the computer.

Find port:

```
> sudo lspci -nnvt
```

The output should show your card. macpro4,1/5,1 only has the one PCIe bus, 00. All you need to find is the number the line for your device starts with. For mine, the line looked like, "+-07.0". setpci sees the root port for my card as "00:7".

Display current setting:

```
> rootport=00:7
> linkstatus=$(sudo setpci -s $rootport CAP_EXP+12.w); echo '# Before:
PCIe' $(( 0x$linkstatus & 15)).0 x$(( 0x$linkstatus >> 4 & 31))
```

Change setting:

```
> speed=2
> sudo setpci -s $rootport CAP_EXP+30.w=$speed:F
> sudo setpci -s $rootport CAP_EXP+10.w=20:20
```

Display modified setting:

```
> linkstatus=$(sudo setpci -s $rootport CAP_EXP+12.w); echo '# After:
PCIe' $(( 0x$linkstatus & 15)).0 x$(( 0x$linkstatus >> 4 & 31))
```

Taken from joevt, at <https://forums.macrumors.com/threads/amfeltec-x16-pcie-with-4-ssds-5900-mb-s.1936311/page-9>, post #212.

