# Creating the driver

sudo -i  
apt-get install build-essential  
wget http://www.broadcom.com/support/license.php?file=NXII\_10/linux-6.2.23.zip  
cd Server/Linux/Driver  
tar xzvf netxtreme2-6.2.23.tar.gz  
cd netxtreme2-6.2.23/bnx2x-1.62.15  
rmmod bnx2  
rmmod bnx2x  
make  
make install  
insmod bnx2x.ko

sudo lshw –C network

* Lists the adapter cards and their names!
* 10GB: 1st = p2p1
* 10GB:2nd = p2p2
* 1GB:1st = em1
* 1GB:2nd= em2

# File : /etc/network/interfaces

# This file describes the network interfaces available on your system

# and how to activate them. For more information, see interfaces(5).

# The loopback network interface

auto lo

iface lo inet loopback

# The primary network interface

auto em1

iface em1 inet dhcp

auto em2

iface em2 inet static

address 192.168.200.1

netmask 255.255.255.0

broadcast 192.168.200.255

auto p2p1

iface p2p1 inet static

address 192.168.201.1

netmask 255.255.255.0

auto p2p2

iface p2p2 inet static

address 192.168.202.1

netmask 255.255.255.0

## Setting jumbo frames

Link:

<http://askubuntu.com/questions/122799/how-to-i-enable-jumbo-frames-on-just-one-network-interface>

Option MTU:

* Default = 1500
* Max=9000

In command line:

sudo ifconfig eth1 mtu 9000

In File etc/network/interfaces:

auto eth1

iface eth1 inet static

address ...

netmask ...

network ...

broadcast ...

gateway ...

dns-nameservers ...

mtu 9000

Check maximal packet size:

ping -s <size> -M do <IP-Address>