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FreeBSD Find Out Network Card / Port Speed

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Q. Under Linux I can use [Ethtool and mii-tool](#) ^[2], but they are not available under FreeBSD. How do I tell the port speed of the nic under FreeBSD operating system?

A. Under FreeBSD the ifconfig utility is used to assign an address to a network interface and/or configure network interface parameters.

The ifconfig utility must be used at boot time to define the network address of each interface present on a machine; it may also be used at a later time to redefine an interface's address or other operating parameters.

It can also display port speed of the nic under FreeBSD. Simply type /sbin/ifconfig and look for media in output:

```
$ /sbin/ifconfig | grep media
$ /sbin/ifconfig {interface} | grep media
$ /sbin/ifconfig em0 | grep media
$ /sbin/ifconfig
```

Sample output:

```
em0: flags=8943<UP,BROADCAST,RUNNING,PROMISC,SIMPLEX,MULTICAST> metric 0 mtu 1500
     options=19b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM, TSO4>
     ether 00:30:48:98:9c:bc
     inet 10.24.116.2 netmask 0xffffffc0 broadcast 10.24.116.63
     media: Ethernet 10baseT/UTP
     status: active
```

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URLs in this post:

[1] Image: <http://www.cyberciti.biz/faq/faq/category/freebsd/>

[2] Ethtool and mii-tool: <http://www.cyberciti.biz/faq/howto-setup-linux-lan-card-find-out-full-duplex-half-speed-or-mode/>