

# Linux - How to get network speed and statistic of ethernet adapter in Linux

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## Linux - How to get network speed and statistic of ethernet adapter in Linux

Question : How to get network speed of ethernet adapter in Linux.

Answer : "ethtool <ethX>" command can be used to get network speed of specific ethernet card in Linux.

Example :

```
[root@server ~]# ethtool eth0
Settings for eth0:
Supported ports: [ TP ]
Supported link modes: 10baseT/Half 10baseT/Full
100baseT/Half 100baseT/Full
1000baseT/Full
Supports auto-negotiation: Yes
Advertised link modes: 10baseT/Half 10baseT/Full
100baseT/Half 100baseT/Full
1000baseT/Full
Advertised auto-negotiation: Yes
Speed: 1000Mb/s
Duplex: Full
Port: Twisted Pair
PHYAD: 1
Transceiver: internal
```

*Auto-negotiation: on*  
*Supports Wake-on: g*  
*Wake-on: g*  
*Link detected: yes*

Question : How to get network statistic of ethernet interface in Linux.

Answer : "ifconfig <ethX>" command can be used to display statistic of specific ethernet interface in Linux. Alternative, "ifconfig -a" command can be used to display statistic of all ethernet interface in Linux.

Example :

```
root@server # ifconfig -a <--- To display network statistic of all interface
root@server # ifconfig eth0 <--- To display network statistic of interface eth0
```

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