

# Checking Hardware Compatibility for Higher Internet Speeds



Are you on a high-speed or Gigabit plan but not getting the speeds you expected? Here's how to check if your devices and equipment support higher speeds — whether you're using a wired or Wi-Fi connection.

## A. Wired (LAN) Connection

A wired connection provides the most accurate speed test results, as it connects directly to the modem or router.

### Check the Computer's Network Speed



← → ▾ ↑

 > Control Panel > Network and Internet > Network and Sharing Centre

[Control Panel Home](#)

[Change adapter settings](#)

[Change advanced sharing settings](#)

[Media streaming options](#)

## View your basic network information and set up connections

### View your active networks

#### WirelessNet 3

Private network

Access type: Internet

Connections:  [WiFi 2 \(WirelessNet-5G\)](#)


#### Unidentified network

Public network

Access type: No Internet access

Connections:  [Local Area Connection](#)



Access type: Internet  
Connections:  **Ethernet**



## Megabit



### Ethernet Status



#### General

##### Connection

IPv4 Connectivity:	Internet
IPv6 Connectivity:	No network access
Media State:	Enabled
Duration:	02:59:38
Speed:	100.0 Mbps

Details...

##### Activity

	Sent	Received
Bytes:	30,657,539	322,054,214



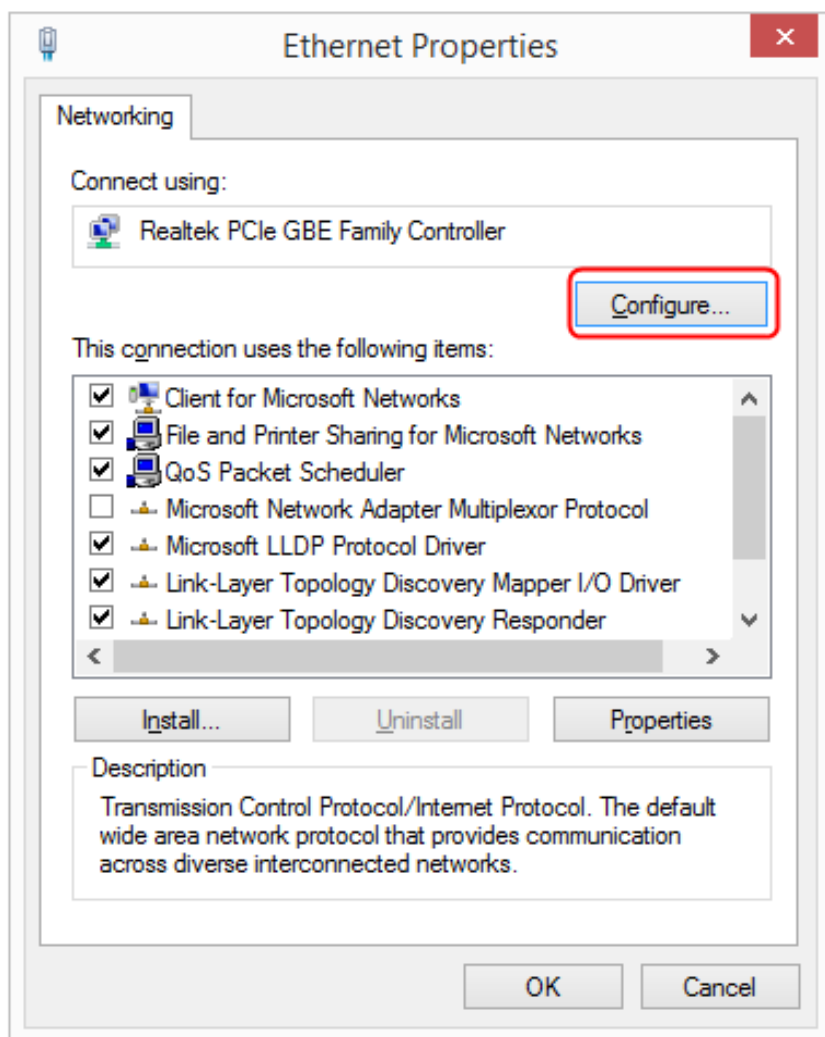
Properties

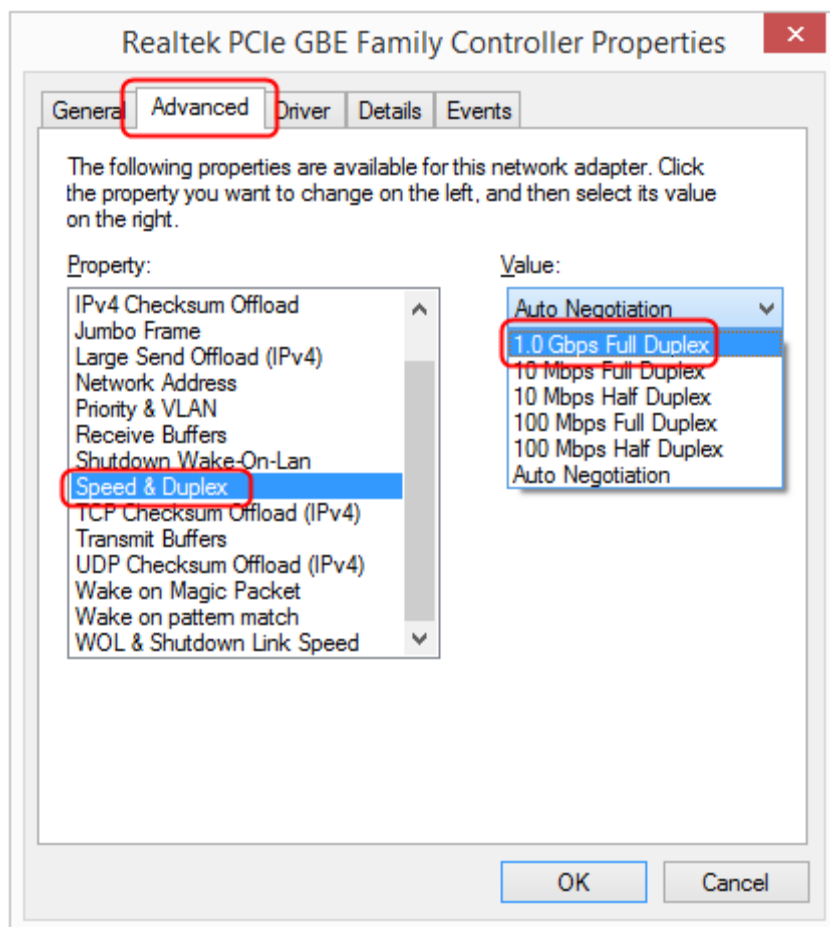


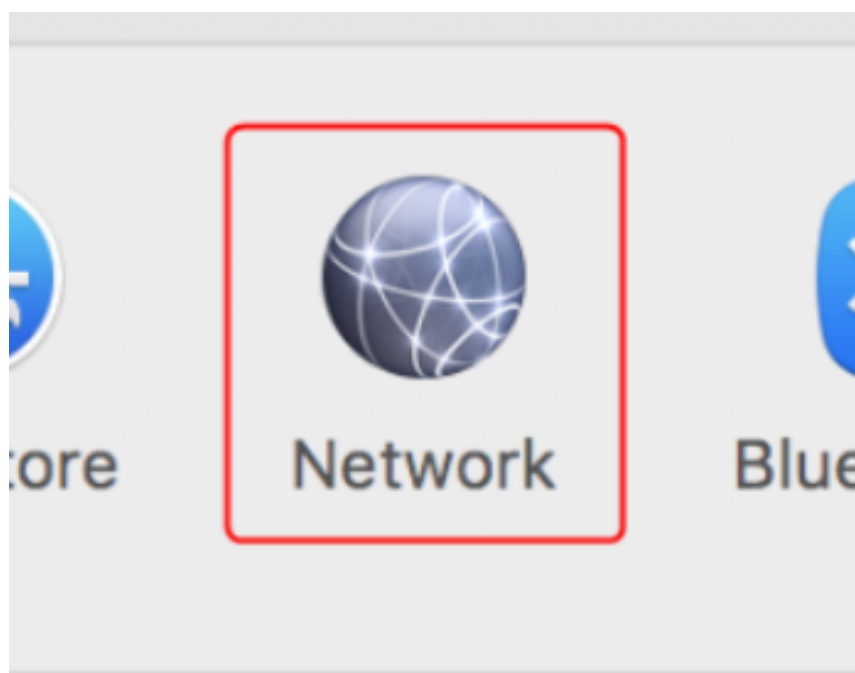
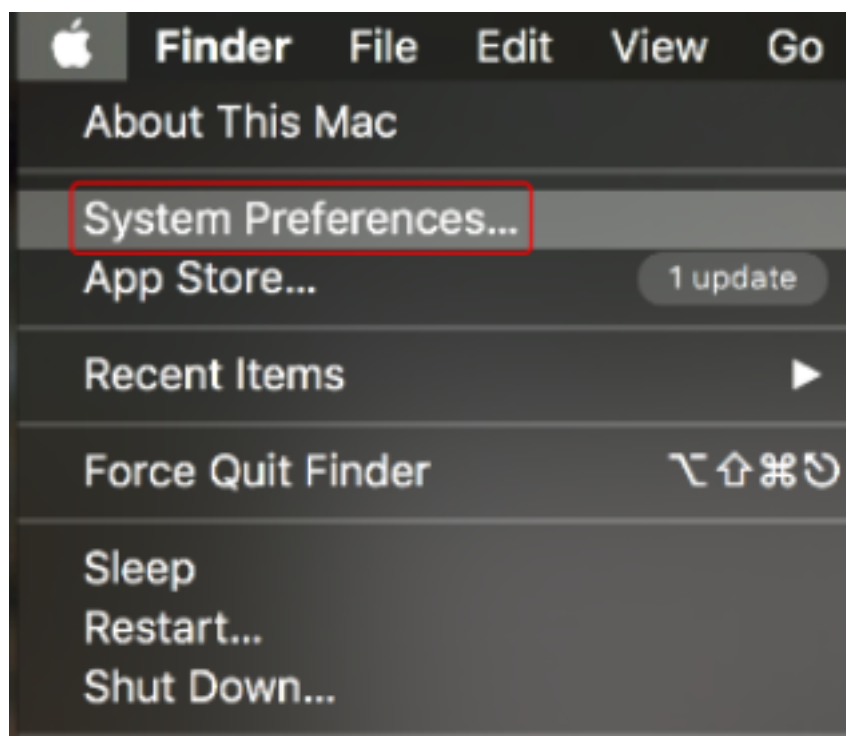
Disable

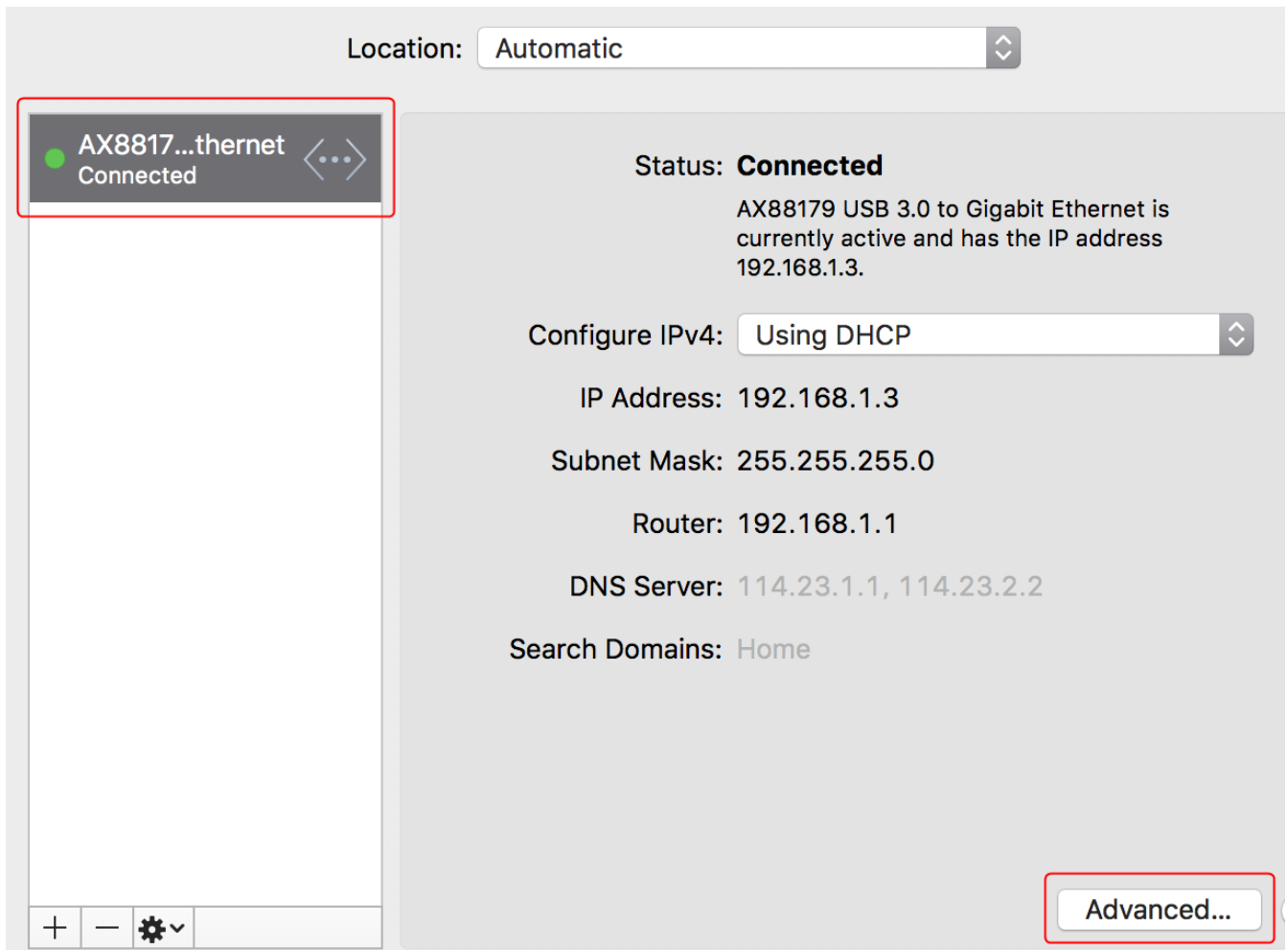
Diagnose

Close



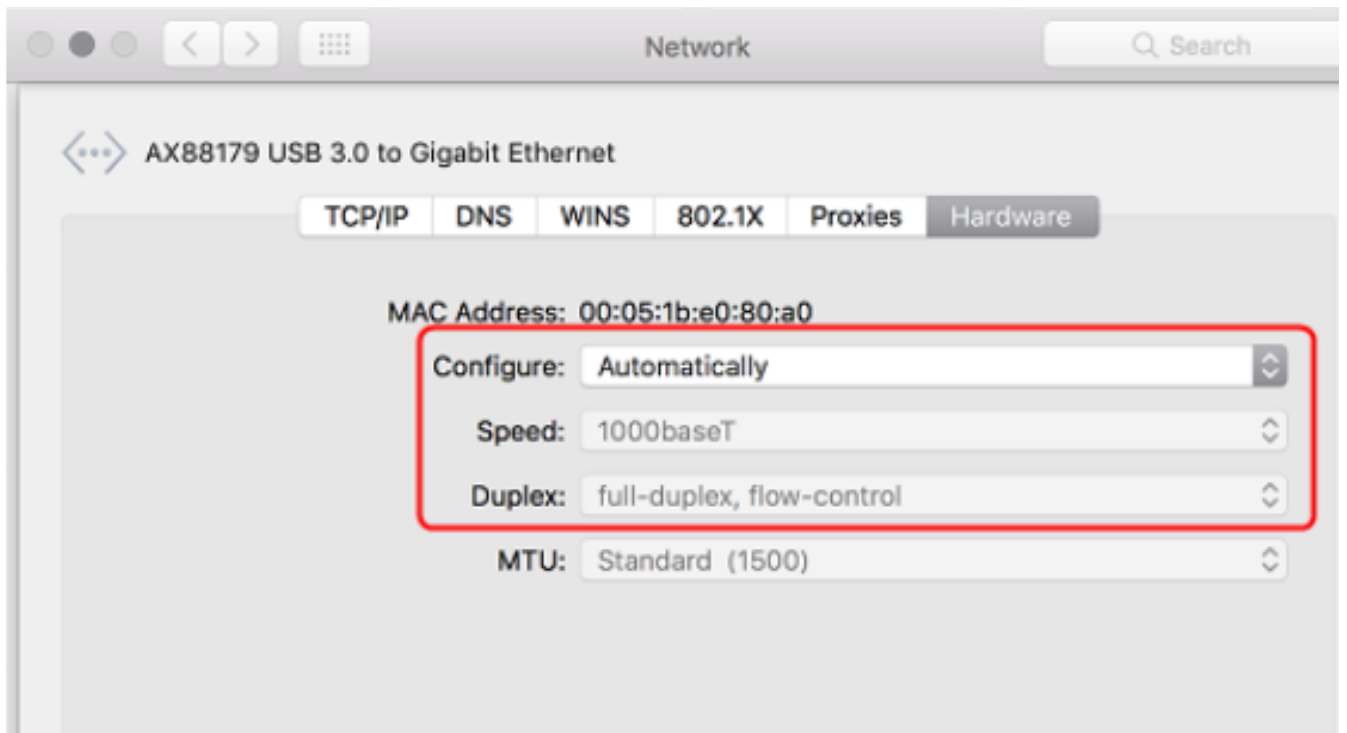














■ Select the Hardware tab and check the Speed field:

- If the speed is lower than 1000baseT, see if it can be manually adjusted.
- If 1000baseT is not listed as an option, the device does not support gigabit connection.



## Check Your Cable Compatibility



 <p>Bar chart showing the distribution of 'No' responses across five categories. The y-axis represents frequency from 0 to 10. The bars have heights of 10, 8, 6, 4, and 2 respectively.</p>	 <p>Bar chart showing the distribution of 'Yes' responses across five categories. The y-axis represents frequency from 0 to 10. The bars have heights of 8, 6, 4, 2, and 1 respectively.</p>
 <p>Bar chart showing the distribution of 'No' responses across five categories. The y-axis represents frequency from 0 to 10. The bars have heights of 8, 6, 4, 2, and 1 respectively.</p>	 <p>Bar chart showing the distribution of 'Yes' responses across five categories. The y-axis represents frequency from 0 to 10. The bars have heights of 6, 4, 2, 1, and 0.5 respectively.</p>
 <p>Bar chart showing the distribution of 'No' responses across five categories. The y-axis represents frequency from 0 to 10. The bars have heights of 6, 4, 2, 1, and 0.5 respectively.</p>	 <p>Bar chart showing the distribution of 'Yes' responses across five categories. The y-axis represents frequency from 0 to 10. The bars have heights of 4, 2, 1, 0.5, and 0.25 respectively.</p>
 <p>Bar chart showing the distribution of 'No' responses across five categories. The y-axis represents frequency from 0 to 10. The bars have heights of 4, 2, 1, 0.5, and 0.25 respectively.</p>	 <p>Bar chart showing the distribution of 'Yes' responses across five categories. The y-axis represents frequency from 0 to 10. The bars have heights of 2, 1, 0.5, 0.25, and 0.125 respectively.</p>





[Redacted]

[Redacted]

### Check Your Modem's Capability

[Redacted]

[Redacted]

- [Redacted]
- [Redacted]

[Redacted]

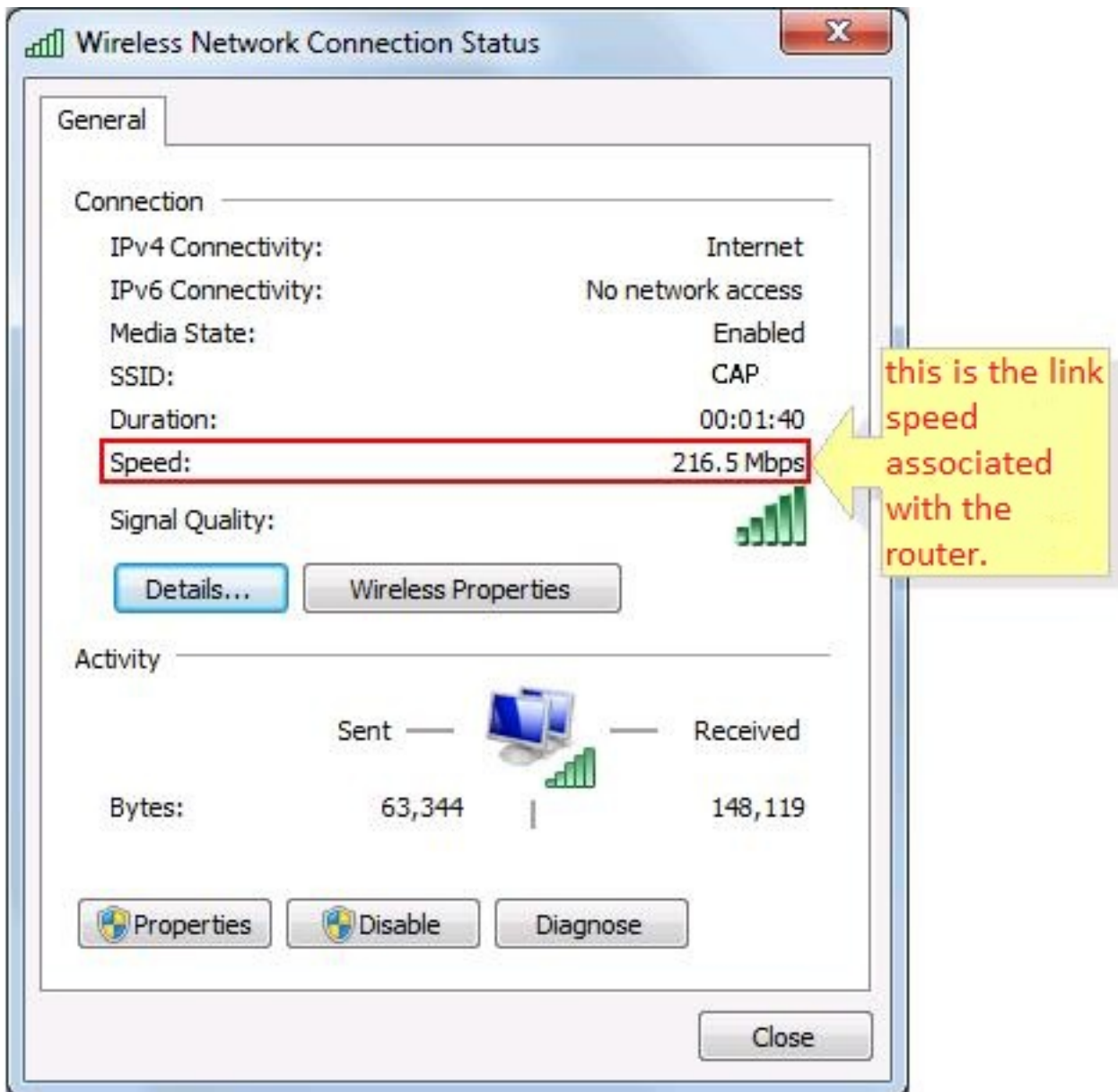
## B. Wi-Fi (Wireless) Connection

Note: Wi-Fi speeds depend on your device's wireless capability and the Wi-Fi standard your modem supports (e.g., Wi-Fi 4, 5, or 6).

### Check the Attainable Speed of the Connected Device

Windows (Laptop/PC):

- Press Windows Key + R, type ncpa.cpl, and press Enter.
- Right-click Wi-Fi/Wireless Network Connection ? select Status.



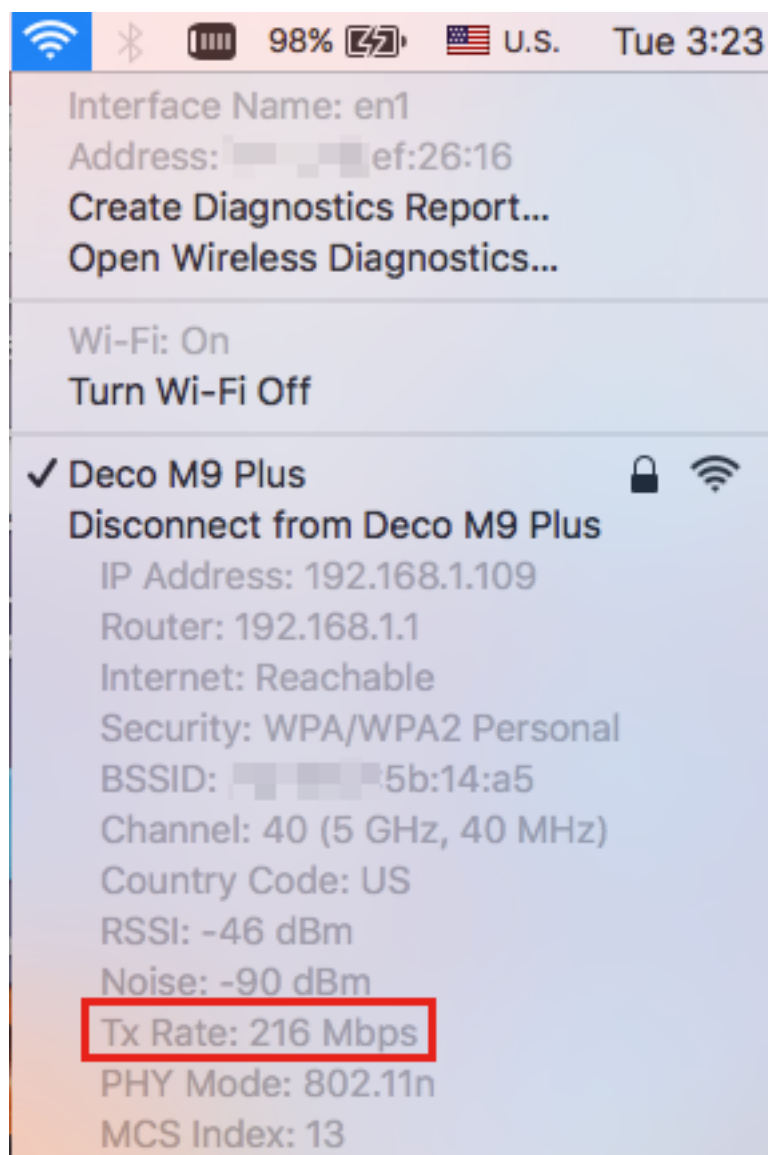
The Speed shown is your link speed (maximum connection rate between your device and modem).

*Alternative path:*

Go to Settings > Network and Sharing Center > Change adapter options, left-click the Wi-Fi adapter to view the link speed.

Mac OS:

Hold the Option key on the keyboard and click the Wi-Fi icon on the top menu bar.

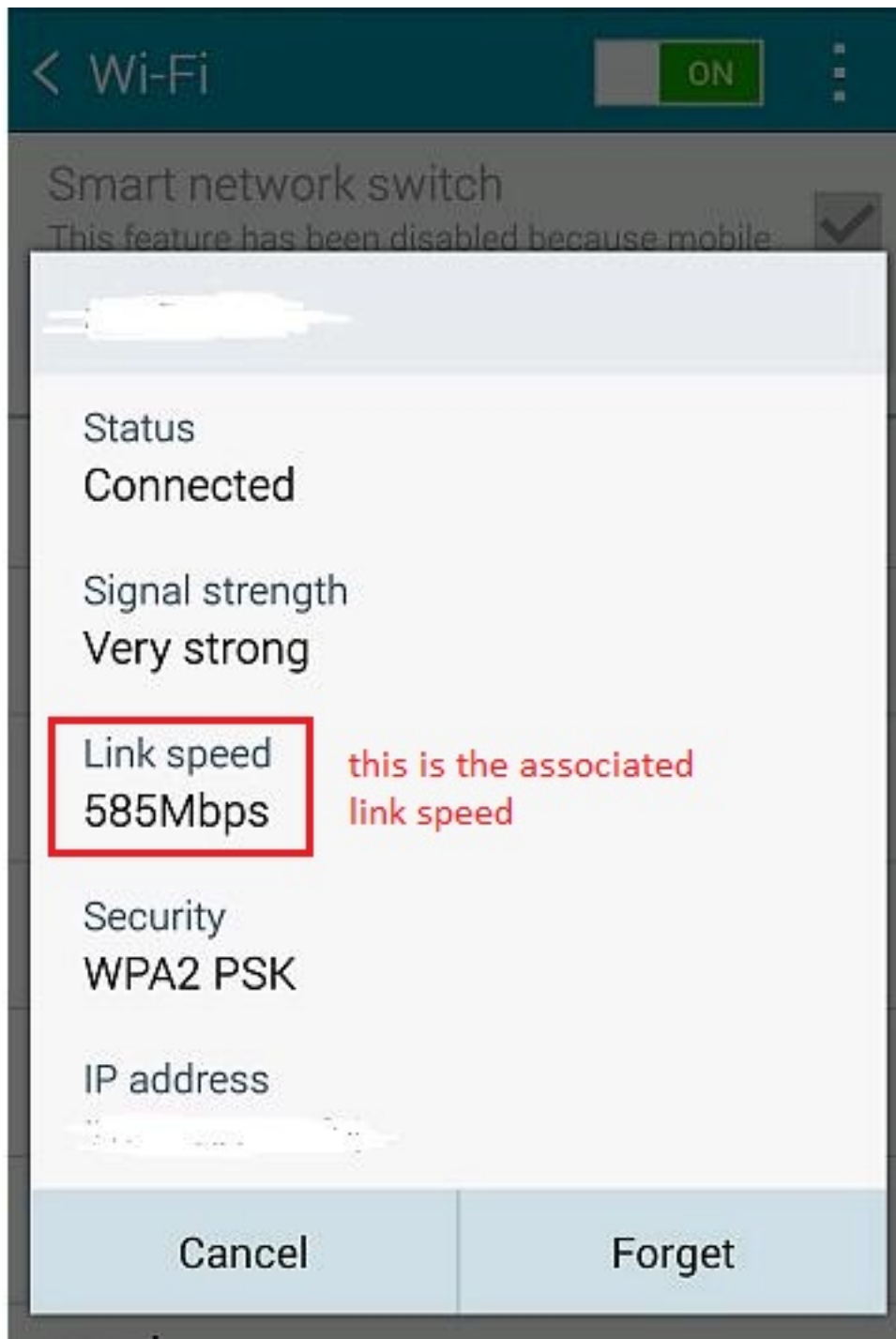


Look for Tx Rate — this indicates the Wi-Fi link speed.

Android:

Go to Settings > Wi-Fi, then tap the network you're currently connected to.

The link speed or connection speed will be displayed.



**Note:**

Wi-Fi speeds are generally lower than wired speeds due to signal interference, distance, and network congestion.

For the most accurate speed test, use a wired (LAN) connection when possible.

### **Still Experiencing Slow Speeds?**

If all your equipment supports gigabit speeds but you're still experiencing slow performance, try using a different Ethernet port or cable and restarting your modem and computer.

If the issue continues, please 

Online URL:

<https://articles.spintel.net.au/article/checking-hardware-compatibility-for-higher-internet-speeds.html>