

## As a rule of thumb, how many concurrent Wi-Fi connections can the routers accommodate?

The WLINK routers supporting Wi-Fi come standard with a 150Mbps Wi-Fi specification. The default quantity is 128 users as a maximum. This can be changed up to handle up to 254 users but the CPU (530 MHz) and RAM (64MB) is not very powerful and as such it's only recommended for up to 50 concurrent users.

The WL-R520 and WL-R210 series of routers supporting Wi-Fi can also support a 300Mbps Wi-Fi specification. This however uses the same CPU and RAM so the capacity on the network remains the same, just with extended speeds for those clients.

## Can the Dual-SIM routers have both SIM cards online simultaneously?

The internal modem is a single SIM modem and thus cannot register two SIM cards onto mobile networks at the same time. If two SIM cards need to be online simultaneously a Dual Modem router should be used.

## What are the advantages of using a Dual Modem vs Dual SIM router?

Dual Modem routers allows for two SIM cards to be registered on the mobile networks simultaneously. When the switch action is initiated by the router based on a certain event, it may take up to 30 seconds on a Dual SIM router versus 10 seconds on a Dual Modem to regain connectivity.

## What events can cause the router to initiate a SIM or Modem Switch?

There are 3 main events which may signal the router to initiate a SIM or Modem switch action:

- SIM Card unavailable
- 3 Unsuccessful Dial-Up Attempts
- ICMP Fail Action