

// Troubleshooting Tips for Connecting the Grinder to WIFI

Complete each step carefully to ensure connectivity.

- Check if your network is 2.4Ghz
- Manually connect the grinder to your local WIFI and check if the grinder goes from **Access Point** to **Station Mode** (station mode means its connected to the router). You can do this through the grinder WIFI Settings menu
- Use a second network to on-board (e.g., phone hotspot)
- Download a WIFI check app, check the speed and availability of your network or go to <https://www.speedtest.net>
- Ensure the dBm of your network is higher than -67dBm

Signal Strength	TL;DR		Required for
-30 dBm	Amazing	Max achievable signal strength. The client can only be a few feet from the AP to achieve this. Not typical or desirable in the real world.	N/A
-67 dBm	Very Good	Minimum signal strength for applications that require very reliable, timely delivery of data packets.	VoIP/VoWi-Fi, streaming video
-70 dBm	Okay	Minimum signal strength for reliable packet delivery.	Email, web
-80 dBm	Not Good	Minimum signal strength for basic connectivity. Packet delivery may be unreliable.	N/A
-90 dBm	Unusable	Approaching or drowning in the noise floor. Any functionality is highly unlikely.	N/A

- Connect your phone to your network and check if you can access the network (e.g. google)
- Make sure that you've correctly typed in your network password (this is a very common issue)
- Ensure that your network does not have a web-browser confirmation requirement (typically used by hotels, airports, and similar). Networks with second credentials will not work
- Ensure that your phone has the latest iOS or Android installation