

## How to Set Up an On Demand Only Wi-Fi System

The Gateway units provided by most ISP are combined modems and routers that have Wi-Fi that broadcasts more power than may be needed, few have radio transmit power control and they have capacitors that prevent them from being shut off. The excess power translates to unnecessary radiation exposures.

You can disable the Wi-Fi on the Gateway and install your own Wi-Fi box or replace the Gateway with a modem and your own Wi-Fi box. If you keep your Gateway, note that the ISP may do a system wide restart and turn their Wi-Fi back on at any time so you may need to do regular checks.

For an On-Demand System, get the JRS Eco Router. These routers are basically Asus routers with JRS Firmware. They are a German Company, so the cheapest way to get the system is to buy the Asus router from Amazon, Best Buy or other and then buy a download of the firmware from JRS.

This link describes the routers and has the Firmware Download Option:

<https://www.jrseco.com/pcat/low-radiation-wifi-routers-jrs-eco-wifi/>

This is a link to the dual band router on Amazon, Asus AC1900 (RT-AC68U):

<https://www.amazon.com/gp/product/B00FB45SI4>

The Asus router has on/off power, on/off wi-fi and radio transmit power control so just installing that will give you the means to mitigate radiation exposures.

For more instructions on how to disable your Gateway Wi-Fi see the You Tube from Scottie on “How to turn down your home wi-fi’s transmit power”:

[https://www.youtube.com/watch?v=KxA1vQeKVSg&feature=emb\\_logo](https://www.youtube.com/watch?v=KxA1vQeKVSg&feature=emb_logo)