

DMR Hot Spot Options

Here is the info on my hotspots. My radios are both TYT-2017 dual-bank DMR radios.

-Skip AA6WK

=== OPTION A -- preassembled and tested ===

If you are willing to "throw money" at a fully assembled hotspot, these are the two that I have purchased and have here at home (I have both, the UHF and the dual-band UHF/VHF):

UHF-only (single-band)

<https://www.gigaparts.com/pre-assembled-uhf-dvmega-pi3-kit.html>

Dual-band (UHF or VHF. The only effective difference from the UHF-only is that you can use it with a VHF radio)

<https://www.gigaparts.com/pre-assembled-vhf-uhf-dvmega-pi3-kit.html>

=== OPTION B -- build your own ===

If you want to build your own, I purchased a duplex modem board on eBay

<https://www.ebay.com/itm/142804590100>

and added the Raspberry Pi

<https://www.amazon.com/gp/product/B01LPLPBS8>

and a cheap case

<https://www.amazon.com/gp/product/B01LXSMY1N>

This "build my own" resulted in more capability (supporting TS1 and TS2 not just TS2 as with the pre-built one) at significantly less cost.

If you choose the build-your-own, you will also need to buy a micro-SD flash card (16 GB is fine -- I use 32 GB but don't get anything valuable from the extra size).

I can program the card for you or show you how to do so yourself.

You will also need a high-current (2.5 or 3-amp) micro-USB power supply. You can probably use the one for your phone or buy the one that I did:

<https://www.amazon.com/gp/product/B075XMTQJC>