

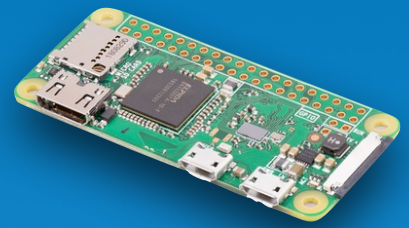
# DMR Hotspot Hardware

## Hotspot Hardware

- Raspberry pi (either)
  - Pi Zero WH (WiFi and Headers)
  - Pi 3 or above
- MMDVM Modem board (either)
  - Simplex
  - Duplex
- Micro SD Card 16Gb



Pi 3/4

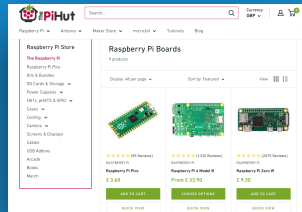


pi-Zero WH

## Where to buy the parts?

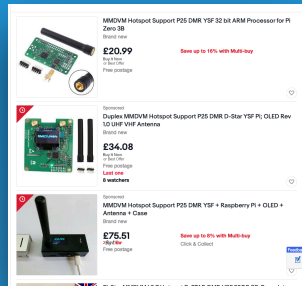
### Pi-Hut <https://thepihut.com>

- Can buy SD cards here
- Check delivery charges
- Lots of fun things to buy



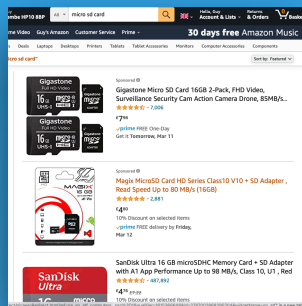
### Ebay <https://ebay.co.uk>

- Search "MMDVM"
- Prices vary should be around £20-£30
- Check delivery charges
- Likely ships from China



### Amazon <https://amazon.co.uk>

- Search "micro SD"
- Search "MMDVM"
- Search "Pi"
- MMDVM likely ships from China
- Not always cheapest



Simplex

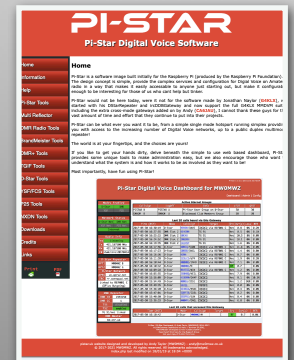


Duplex

## Software

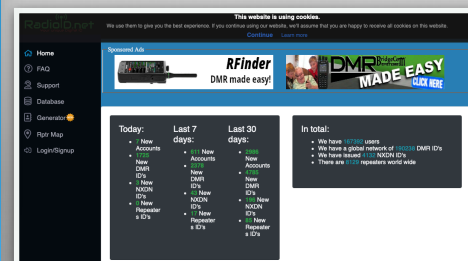
<https://pistar.uk>

- Free to download/use
- Well maintained
- Write pistar software to SD card using desktop computer
- Put SD card in pi and boot



## DMRID

<https://radioid.net>



- Register on radioid.net to obtain your DMRID.
- You will need to upload a copy of your license

## Example DMR Radios

Lots of choose from for different budgets

Anytone 868/878	£160
TYT MD-380/390	£100
Radioddity GD77	£70
Baofeng RD-5R	£50



Anytone



MD390



GD77



RD-5R

More help <https://help.m0guy.com>