This section is under construction.

NPR

> NPR (New Packet Radio) is a custom radio protocol, designed to transport bidirectional IP trafic over 430MHz radio links (ham radio frequencies 420-450MHz). This protocol is optimized for “point to multipoint” topology, with the help of managed-TDMA. Bitrate is 50 to 500kbps (net, effective bitrate), depending on the RF bandwidth chosen. –Hackaday Project Page

This is interesting because NPR could be used to link to AREDN and provide slower links to areas where microwave is not an option.

What To Buy

- NPR unit
- Amplifier [1)]

More Info

Here are a few more links:

- Hackaday project page
- Discussion on arednmesh.org
- Official Groups.io
- Article on IEEE Spectrum
- Article on DX Zone
- Our Groups.io thread

1)
Make sure to read pages 12–14 of the advanced guide because some modifications to the amplifier are required.