

Pico Wifi Analyzer with LCD

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Introduction

This project was borne out of the fact that we were starting one of our other projects, and while messing about with the Pico, an LCD Screen and Wifi connections, I had a bit of a Eureka moment, thus the Wifi Analyzer project was born.

There are some considerations around this project, and in no particular order, they are:

- This is Phase 1. Phase 2 will be a different LCD
- We are using the Pico 2W - A Pico 1 W will also work very well.
- The Project will contain 3 Main Areas: **(1)** The Wiring and Hardware. **(2)** The Software. **(3)** The Enclosure.
- Depending on the LCD you use, your UI experience may differ.
- The project name is a little misleading, this is not an Analyzer, its a Monitor.

As I have said, this is Phase 1 and it is using a 128×64 Pixel LCD, which you can accommodate all of the relevant information, but it is not graphical and it's pretty small to read.

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