Suborbital Systems Pi Systems

Ground Stations

Subopi2

- System Name: Subopi2
- Pi Hat: Lora Concentrator (todo: document brand)
- USB Device: Arduino UNO with servo control board (attached to antenna tracker high precision)

Subopi3

- System Name: Subopi3
- Pi Hat: None
- USB Device: Lora Concentrator (todo: document brand)

Flight Computers

Subopi5

- System Name: Subopi5
- Pi Hat: Sense Hat
- USB Accessory: Seeduino Lora/GPS Package

Subopi6

- System Name: Subopi6
- Pi Hat: Sense Hat
- USB Accessory: Seeduino Lora/GPS Package

Payload

Subopi 4

This is an IOT / IP payload system

- Pi Hat: Lora GPS (Dragino)
- USB Accessory:
    - Omnidirectional USB wifi with rubber ducky antenna
    - TI Sensor Tag programmer/debugger (it can operate standalone via bluetooth but uses the USB board to program)

Subopi 1

This is an IP payload system

- Pi Hat: None
- Special notes: Zymbit HSM, multiple wifi interfaces built in
- USB Accessory: Directional USB wifi with special antenna