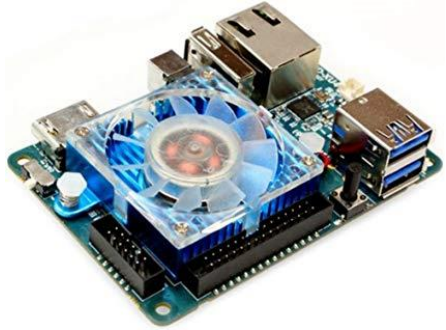


Control Signal Generation

Odroid XU4



Custom Flight Controller



Pixhawk – PID Controller



User selects whether to use Pixhawk or Odroid as flight controller in Real-Time using Spektrum DX9 radio

Selection Signal

Control Signals



Mux Board Passes only Desired Control Signals

Control Signal



Maestro Board Generates Desired PWMs for Actuation

PWMs



PWMs actuate all 4 propellers and all 4 servos