



Legend + Components

Legend

- Green -> 6 pin connectors
(Receiver/Telemetry/GPS) -> UART based
- Yellow -> XT60
- Thick Red -> VBAT
- Thick Black -> Ground
- Thin Red -> 5V/VCC
- Thin Black -> Ground
- Grey -> signal PWM
- Dark Blue -> Ribbon Cable
- Light Blue -> USB

Components

- Flight Controller -> Cube Orange+
- Onboard Computer -> NVIDIA Jetson Orin Nano
- ESC -> HobbyWing Xrotor G2 65A 4-in-1
- Motors -> EMAX ECO II 2306 1900KV
- GPS Module -> Adafruit Ultimate GPS Breakout v3
- Receiver (RC) -> RadioMaster ExpressLRS XR2 Nano
- Power Module -> CubePilot Power Brick Mini
- Camera -> Arducam IMX219 Low Distortion M12 Camera Module
- Telemetry Module -> 3DR SiK 915 MHz Telemetry Radio Kit