



Q550 Specification

- **Hardware**
 - *Carbon fiber frame*
 - *Soft buffer landing gear*
 - *Arm length 550mm*
- **Avionics**
 - *Height sensor: Lidar Lite V3*
 - *Autopilot: Pixhawk Based Autopilot*
 - *Telemetry on autopilot: 915MHz/433MHz/WIFI*
 - *RC receiver: up to 1km line of sight*
 - *ESC: 4in1 ESC 40A*
 - *Navigation computer: Intel NUC/Jetson Xavier NX/customize board*
 - *Navigation computer data link: WIFI module*
 - *Localization sensor: GPS/RTK GPS/Ultra Wide Band RF module/laser scanner*
- **Power**
 - *Up to 10Ah 6S LiPo battery*
 - *Primary 5V power regulator: Voltage & Current monitored power module 3A*
 - *Secondary 5V power regulator: Power module 5V 3A*
 - *Primary 19V power regulator: Power module 19V 5A*
- **Thrust**
 - *Motor: KV380*
 - *Propeller: 13/14 inch*
- **Fly Performance**
 - *Fly time: up to 30 mins*
 - *Payload: up to 4 kg*

