

Nick's Blimp Parts Wishlist

- Brain
 - [Raspberry Pi Pico](#)
 - Length – 51mm
 - Width – 21mm
 - Height – Thin
 - Mass – 19.96g
 - Cost - \$4.00
- Wireless Comms
 - [XBee WiFi Module](#)
 - Length – 32.94mm
 - Width – 24.38mm
 - Height -
 - Mass – Unknown
 - Cost - \$26.95
- IMU
 - [Adafruit 9-DOF Absolute Orientation IMU Fusion Breakout](#)
 - Length – 27mm
 - Width – 20mm
 - Height – 4mm
 - Mass – 18.14g
 - Cost – \$34.95
- Motors
 - [Crazepony 8520 Brushed 15000KV Motor](#)
 - Length – 20mm
 - Diameter – 8.5mm
 - Mass – 5.2g
 - Cost – 16.99 (for 8; 4 CW, 4 CCW)
- ESC
 - [ESC Brushed Micro 1S 20A Bare Board](#)
 - Length – 22mm
 - Width – 10mm
 - Height – 4.7mm
 - Mass – 1.28g
 - Cost – \$23.40/each (need 3)
- Battery
 - [FancyWhoop 3.7V 1800mah Lipo Battery 25C](#)
 - Length – 57mm
 - Width – 29mm
 - Height – 10mm
 - Mass – 40.82g
 - Cost – \$10.99/each