Single board computer (Jetson nano)

Serovo motors

Body (3D printed Parts)

Battery

Lidar (x2?) (which one?)

Wires and connections

Camera

Driver for servos PCA9685-based PWM driver via I2C

minimum price

- 100 https://www.nvidia.com/en-us/autonomous-machines/embedded-systems/jetson-nano/product-development/
- 41.52 https://www.rapidonline.com/catalogue/search?Query=Serovo%20motors&Size=20

£50/750g

- 15.8 https://www.rapidonline.com/catalogue/search?Query=powerbank
- 52 https://thepihut.com/products/360-omni-directional-triangulation-lidar
- $\textbf{Free} \ (\textbf{14.70} \ \textbf{https://uk.farnell.com/multicomp-pro/mcp00011/hook-up-wire-0-283mm2-100m-red/dp/3253807?srsitid=AfmBOoo-imGBGEO-l3J49M19N9RmcgmVarismJYxhwCAiiz1v6Q2EIWt}$
 - $\textbf{11.9} \ \ \text{https://uk.farnell.com/c/raspberry-pi-peripherals-accessories/raspberry-pi-cameras-lenses?rd=+raspberry+pi+camera+module+v/2&ost=+Raspberry+Pi+Camera+Module+v/2&ost=+Raspberry+Pi+Camera+Raspberry+Pi+Camera+Raspberry+Pi+Camera+Raspberry+Pi+Camera+Raspberry+Pi+Camera+Raspberry+Raspbe$
 - 16.2 https://thepihut.com/products/16-channel-servo-driver-hat-for-raspberry-pi-12-bit-i2c

237.42