

Item Name	Description	Quantity	Unit Cost	Total Amount	Link
AWS DeepRacer	AWS DeepRacer is an autonomous 1/18th scale race car designed to test reinforcement learning (RL) models by racing on a physical track.	1	\$399.00	\$399.00	https://www.amazon.com/dp/B074MHF9KQG
Raspberry Pi 3B+	1.4GHz 64-bit quad core processor, dual-band 2.4GHz and 5GHz wireless LAN	1	\$104.99	\$104.99	https://www.amazon.com/ELEMENT-Element14-Raspberry-Pi-Motherboard/dp/B07P4LSDYV/ref=sr_1_1?crid=D1PH5E5P3N9K&keywords=raspberrypi+3b%2B&qid=1682250867&s=amazon-devices&srefix=raspberrypi+3b%2B%2Camazon-devices%2C102&sr=1-1&ufe=app_do%3Aamazon1_fos_f5122f16-c3e8-f386-bf32-63e0d4010ad0
HC-SR04	Ultrasonic Distance Sensor. 2cm to 400cm Range	2	\$4.50	\$9.00	https://www.sparkfun.com/products/15569
SparkFun GPS-RTK-SMA Kit	GPS Unit and Antenna. 1 meter accuracy	1	\$324.95	\$324.95	https://www.sparkfun.com/products/16292
Adafruit 9-DOF Absolute Orientation IMU Fusion Breakout - BNO055 - STEMMA QT / Qwiic	Inertial Measurement Unit - provides orientation, angular velocity, linear acceleration, gravity, temperature	1	\$29.95	\$29.95	https://www.adafruit.com/product/4646
Adafruit FT232RL Breakout - General Purpose USB to GPIO, SPI, I2C - USB C & STEMMA QT	GPIO to USB breakout board	1	\$14.95	\$14.95	https://www.adafruit.com/product/2264
8 MP USB Camera w/ Microphone	8000K pixels driver-free camera of USB port with	1	\$39.90	\$39.90	https://www.dfrobot.com/product-2188.html
Monoprice Cat5e Ethernet Patch Cable - 0.5 Feet - Blue Network Internet Cord - RJ45, Stranded, 350MHz, UTP, Pure Bare Copper Wire, 24AWG	6 inch ethernet cable	1	\$3.78	\$3.78	https://www.amazon.com/dp/B008FPYQ46?ref=ppx_vo2ov_dtl_b_product_details&th=1
I2C Qwiic Cable Kit STEMMA QT Wire for SparkFun Development Boards Sensor Board Breakout Breadboard 4 Pin SH.1.0 Connector	I2C Qwiic Cable	1	\$9.99	\$9.99	https://www.amazon.com/dp/B08H9Q1VSV/1?psc=1&ref=ppx_vo2ov_dtl_b_product_details
Short USB C Cable,(0.5ft 2-Pack) USB Type C Charger Nylon Braided Fast Charging Cord Compatible Samsung Galaxy S10+ S9 S9 Plus Note 9 B.L.G G8 G7 V35 Pixel 2 XL 15cm Perfect Size for Power Bank(Grey)	6 inch USB to USB C Cable (2 pack)	1	\$6.99	\$6.99	https://www.amazon.com/dp/B07PYT3VJM?psc=1&ref=ppx_vo2ov_dtl_b_product_details
GenBasic 80 Piece Female to Female Jumper Wires (4 and 8 inch)	Jumper Cables (80 count)	1	\$6.49	\$6.49	https://www.amazon.com/dp/B011L5ULBUA7/ref=ppx_vo2ov_dtl_b_product_details&th=1
HELIFOUNER 420 Pieces M2 M2.5 M3 Male Female Hex Brass Spacers Standoffs Screws Nuts Assortment Kit with a Tweezers	M2, M2.5, M3 Standoff Kit	1	\$22.96	\$22.96	https://www.amazon.com/dp/product/B068XTWYVS/ref=ppx_vo_dtl_b_asin_title_p03_s007e=UTF&th=1
StarTech.com 1 ft Mobile Charge Sync USB to Slim Micro USB Cable - Phones & Tablets - A to Micro B-MM - Thin Micro USB Charging Cable (USBAUB1BK)	Micro USB Cable	1	\$8.99	\$8.99	https://www.amazon.com/StarTech-com-Mobile-Charge-Micro-Cable/dp/B00MTZUW08/ref=sr_1_5?crid=18L8MKOB036SL&keywords=micro%2Busb%2Bcable%2B1%2Bfoot&qid=1682292014&s=industrial&srefix=micro%2Busb%2Bcable%2B1%2Bfoot%2Cindustrial%2C101&sr=1-5&th=1
Google Coral USB Accelerator	USB Tensor Processing Unit	1	\$59.99	\$59.99	https://coral.ai/products/accelerator
Total				\$1,041.93	