

Part name	Link	Purpose/notes	Price/Unit	Quantity	Subtotal
Raspberry Pi 3	<a href="https://www.amazon.com/Raspberry-Pi-RASP-Pi-3-Model-Motherboard/dp/B01CD5VC92">https://www.amazon.com/Raspberry-Pi-RASP-Pi-3-Model-Motherboard/dp/B01CD5VC92</a>	Computing platform	\$35.99	3	\$107.97
Raspberry Pi 3 case	<a href="https://www.amazon.com/Eleduino-Raspberry-Model-Acrylic-Enclosure/dp/B01CQRROLW">https://www.amazon.com/Eleduino-Raspberry-Model-Acrylic-Enclosure/dp/B01CQRROLW</a>	Pi protection	\$7.69	2	\$15.38
Pi cobbler Kit	<a href="https://www.adafruit.com/products/2029">https://www.adafruit.com/products/2029</a>	Breakout to breadb	\$6.95	2	\$13.90
MicroSD card	<a href="https://www.amazon.com/SanDisk-microSDHC-Standard-Packaging-SDSQUNC-032G-GN6MA/dp/B010Q57T02/ref=sr_1_3">https://www.amazon.com/SanDisk-microSDHC-Standard-Packaging-SDSQUNC-032G-GN6MA/dp/B010Q57T02/ref=sr_1_3</a>	Pi storage	\$10.99	2	\$21.98
Power Bank	<a href="https://www.amazon.com/dp/B01CU1EC6Y/ref=psdc_7073960_011_t2_B005X1Y7I2">https://www.amazon.com/dp/B01CU1EC6Y/ref=psdc_7073960_011_t2_B005X1Y7I2</a>	Pi Power	\$16.99	4	\$67.96
Webcam	<a href="https://www.amazon.com/dp/B0080CE5M4/?tag=techuflistsum-20">https://www.amazon.com/dp/B0080CE5M4/?tag=techuflistsum-20</a>	Localization	\$32.50	1	\$32.50
USB extension cable	<a href="https://www.amazon.com/AmazonBasics-Extension-Cable-Male-Female/dp/B00NH12O5I/ref=sr_1_8?s=electronics&amp;ie=UTF8&amp;qid=1480795100&amp;sr=1-8&amp;keywords=USB%2Bextension&amp;th=1">https://www.amazon.com/AmazonBasics-Extension-Cable-Male-Female/dp/B00NH12O5I/ref=sr_1_8?s=electronics&amp;ie=UTF8&amp;qid=1480795100&amp;sr=1-8&amp;keywords=USB%2Bextension&amp;th=1</a>	Camera mounting	\$5.52	2	\$11.04
Breadboards	<a href="https://www.amazon.com/Aketek-Solderless-BreadBoard-tie-points-power/dp/B01258UZMC/ref=sr_1_4?s=electronics&amp;ie=UTF8&amp;qid=1480795347&amp;sr=1-4&amp;keywords=breadboard">https://www.amazon.com/Aketek-Solderless-BreadBoard-tie-points-power/dp/B01258UZMC/ref=sr_1_4?s=electronics&amp;ie=UTF8&amp;qid=1480795347&amp;sr=1-4&amp;keywords=breadboard</a>	Electronics	\$8.99	1	\$8.99
Adafruit DC Motor HAT	<a href="https://www.adafruit.com/product/2348">https://www.adafruit.com/product/2348</a>	Motor control	\$22.50	6	\$135.00
Wires	<a href="https://www.amazon.com/Adafruit-Accessories-Hook-up-Spool-22AWG/dp/B00XW2O95A/ref=sr_1_4?ie=UTF8&amp;qid=1480796696&amp;sr=8-4&amp;keywords=solid+core+wire">https://www.amazon.com/Adafruit-Accessories-Hook-up-Spool-22AWG/dp/B00XW2O95A/ref=sr_1_4?ie=UTF8&amp;qid=1480796696&amp;sr=8-4&amp;keywords=solid+core+wire</a>	Electronics	\$19.95	1	\$19.95
Motors	<a href="https://www.pololu.com/product/3043">https://www.pololu.com/product/3043</a>	Locomotion	\$17.95	10	\$179.50
Rechargeable Batteries	<a href="https://www.amazon.com/EBL-Rechargeable-Batteries-2800mAh-Battery/dp/B00RVH0WA8/ref=sr_1_14_a_it?ie=UTF8&amp;qid=1480899394&amp;sr=8-14&amp;keywords=rechargeable+AA">https://www.amazon.com/EBL-Rechargeable-Batteries-2800mAh-Battery/dp/B00RVH0WA8/ref=sr_1_14_a_it?ie=UTF8&amp;qid=1480899394&amp;sr=8-14&amp;keywords=rechargeable+AA</a>	Locomotive power	\$31.99	1	\$31.99
Battery holder	<a href="https://www.adafruit.com/products/875">https://www.adafruit.com/products/875</a>	Power	\$5.59	2	\$11.18
Mecanum Wheel Set (2x Left	<a href="http://www.robotshop.com/en/60mm-mecanum-wheel-set-2x-left-2x-right.html">http://www.robotshop.com/en/60mm-mecanum-wheel-set-2x-left-2x-right.html</a>	Locomotion	\$70.04	1	\$70.04
Acrylic 3/16" by 12" by 12"	<a href="https://www.mcmaster.com/#8560k211/=15b7eby">https://www.mcmaster.com/#8560k211/=15b7eby</a>	Chassis material	\$10.13	1	\$10.13
Artista Pro Water Resistant M	<a href="http://www.chalkink.com/Artista-Pro-6mm-Chisel-Tip-Markers-s/31.htm">http://www.chalkink.com/Artista-Pro-6mm-Chisel-Tip-Markers-s/31.htm</a>	Marker	\$4.99	2	\$9.98
Pro Ink Container	<a href="http://www.chalkink.com/category-s/202.htm">http://www.chalkink.com/category-s/202.htm</a>	Marer ink	\$69.99	1	\$69.99
Tygon PVC Clear Tubing 1/4"	<a href="https://www.mcmaster.com/#6516t22/=15b7mzg">https://www.mcmaster.com/#6516t22/=15b7mzg</a>	Tube for ink reservoi	\$14.15	1	\$14.15
Ball Bearing	<a href="https://www.mcmaster.com/#5972k172/=15bduc0">https://www.mcmaster.com/#5972k172/=15bduc0</a>	Painting mechanism	\$19.41	1	\$19.41