

Bill of Materials: Single Car

Component	Quantity	Cost	Link
Car platform	1	\$500	http://www.amazon.com/Traxxas-74076-Rally-Brushless-Colors/dp/B00MJBYJEG/ref=dp_ob_title_def
Pico station	2	\$150	http://www.amazon.com/Ubiquiti-PicoStation-2-4GHz-802-11g-Access/dp/B0055PKSG6
Energizer	1	\$90	http://www.amazon.com/Energizer-XP8000AB-Universal-Smartphones-Netbooks/dp/B007AQEJYU
Nvidia Jetson	1	\$608.69	http://www.nvidia.com/object/jetson-tk1-embedded-dev-kit.html
USB Hub	1	\$31	http://www.amazon.com/AmazonBasics-Port-USB-power-adapter/dp/B00E6GX4BG
FTDI	1	\$15	https://www.sparkfun.com/products/9873
Sensors			
Camera	1	Add Link Here	
Razor IMU	1	\$75	https://www.sparkfun.com/products/10736
LIDAR	1	Add Link Here	
Mechanical			
Front Suspension	1	\$6	http://www.amazon.com/Traxxas-Front-Progressive-Springs-20-Percent/dp/B003NVH0LA
Rear Suspension	1	\$8.18	http://www.amazon.com/Traxxas-6868-Springs-Slash-2-Piece/dp/B003NVH0MY
3mm ABS	1	\$4	http://www.amazon.com/ABS-Textured-Plastic-Sheet-Thick/dp/B00AKJABSM/ref=pd_sim_328_1/181-2237083-46037367ie=UTF8&dpID=41f1zBK3k6L&dpSrc=sims&preST=AC_UL160_SR160%2C160_&refRID=04E79FEW590KTAECXY3E
6mm ABS	2	\$24	http://www.amazon.com/PLASTIC-TEXTURED-SMOOTH-FORMING-THERMOFORMING/dp/B00CFZYFJ8/ref=pd_sim_229_17ie=UTF8&refRID=OKDK1B1TW6M6WXHA422S7
M3 Square nuts	100	\$7	http://www.amazon.com/Generic-Stainless-Steel-Square-Metric/dp/B0006PG6GU/ref=sr_1_27s=industrial&ie=UTF8&qid=1445901144&sr=1-2&refinements=p_n_feature_eleven_browse-bin%3A3622111011
M3 Screw/0.75"	100	\$5.58	http://www.amazon.com/Socket-Screw-10pcs-Class-Alloy/dp/B00MWGCTXQ/ref=sr_1_42?s=industrial&ie=UTF8&qid=1453766202&sr=1-42&refinements=p_n_feature_five_browse-bin%3A3177279011_p_n_feature_fourteen_browse-bin%3A11434052011
Power Board			
Teensy 3.1	1	\$20	https://www.pjrc.com/store/teensy32.html
General PCB	1	\$7.50	http://www.amazon.com/gp/product/B010TVVHA7psc=1
SPDT switch	2	\$8.05	http://www.amazon.com/Through-Slide-Switch-SS12F44Free-Shipping/dp/B010SMUX1U/ref=sr_1_8?s=pc&ie=UTF8&qid=1453754138&sr=1-8&keywords=spdt+switch
90 degree header(male)	1	\$7.50	http://www.amazon.com/2-54mm-80-Pin-Degree-Header-Connector/dp/B00REGUTGS/ref=pd_sim_sbs_23_57ie=UTF8&dpID=511n79kAl-L&dpSrc=sims&preST=AC_UL160_SR160%2C160_&refRID=1YJQ64E521FCS5KZXQH2
90 degree header(femal)	1	\$10.24	http://www.amazon.com/2-54mm-Pitch-Right-Female-Headers/dp/B00899WMEQ/ref=pd_sim_sbs_147_107ie=UTF8&dpID=51-gZ2S0cztL&dpSrc=sims&preST=AC_UL160_SR160%2C160_&refRID=0YVFSXERG0NMH82KXSXD
Miscellaneous			
micro USB	1	\$3.99	http://www.amazon.com/Gembonics-Premium-Android-Motorola-External/dp/B00S45HPD8/ref=sr_1_37ie=UTF8&qid=1453754957&sr=8-3&keywords=micro+usb+cable+1ft
mini USB	2	\$4.95	http://www.amazon.com/Exclusives%2C%AE-USB-2-0-High-Speed-Silver-Plated/dp/B00S8RBM2/ref=sr_1_57ie=UTF8&qid=1453755141&sr=8-5&keywords=mini+usb+cable+1ft
Ethernet cable	1	\$2.75	http://www.amazon.com/C2G-Cables-Go-27150-Unshielded/dp/B0002JFN4C/ref=sr_1_57ie=UTF8&qid=1453755377&sr=8-5&keywords=ethernet+cable+1ft
POE cable	1	\$5.29	http://www.amazon.com/Power-Ethernet-Injector-Splitter-Cable/dp/B00APVQY4A/ref=sr_1_47ie=UTF8&qid=1453754749&sr=8-4&keywords=POE+cable
Servo cable	4	\$4.68	http://www.amazon.com/Remote-Control-Female-Servo-Extension/dp/B00EZE90WQ/ref=pd_sim_328_37ie=UTF8&dpID=51qhZz5cavl&dpSrc=sims&preST=AC_UL160_SR160%2C160_&refRID=14CV61M24CFA91B90RB9
4 AA batteries	1	\$8.22	http://www.amazon.com/Duracell-Alkaline-General-Purpose-Battery/dp/B00PV1GHDH/ref=sr_1_57s=pc&ie=UTF8&qid=1453755352&sr=1-5&keywords=duracell+AA+4+pack
Barrel Jack Connectors	1	\$2.27	http://www.amazon.com/Power-5-5mm-Female-1-35mm-Converter/dp/B00MJJU9K5A/ref=pd_sim_23_67ie=UTF8&dpID=41oqC0%2B2VOL&dpSrc=sims&preST=AC_UL160_SR160%2C160_&refRID=1D3KCAZ8T250HVBSXTTX
DC power coupler	1	\$6.99	http://www.amazon.com/2-1mm-5-5mm-power-cable-coupler/dp/B00YYVF26/ref=pd_sim_23_37ie=UTF8&dpID=31ZzBHiezBL&dpSrc=sims&preST=AC_UL160_SR160%2C160_&refRID=1D3KCAZ8T250HVBSXTTX
SD Cards	2	\$27.98	http://www.amazon.com/gp/product/B00AFTY3FC/ref=as_li_tf_qf_asin_li_87ie=UTF8&camp=1789&creative=9325&creativeASIN=B00AFTY3FC&linkCode=as2&tag=jetsonhacks-20&linkid=NUAGED2WHHC4HPM
		\$1.645	