

Robocar: Bills of material

An educational and research-ready platform for autonomous navigation



1. Car material

Anti-Spark	Order Anti spark (Amazon)
Vesc Controller	Order Vesc (Amazon)
Oak-D Depth Camera	Order Camera (Amazon)
Point One Navigation System	Order INS (PointOne Store)
Jetson Nano	Order Jetson Nano (GoTronic)
Jetson Nano Fan	Order Jetson Nano Fan (Amazon)
Micro SD 64 GB	Order Micro SD 64 GB (Amazon)
Cable USB A – USB C	Order Cable (Amazon) Order Cable (Amazon)
Wifi Adapter	Order Wifi Adapter (Amazon)
Battery 4s Lipo	Order Battery (Studio Sport) Order Battery (Amazon)
Chassis Traxxas Ford Fiesta	Order Chassis (PCM Shop) +33 1 43 67 33 69 Order Ford Fiesta (Amazon)
Lidar LD19	Order LD19 (Amazon) Order LD19 (GoTronic)
DC Converter	Order DC Converter (Hobbyking) Order DC Converter (Amazon)
XT 60 Connector	Order XT60 Connector (Amazon)
Cable 12 AWG	Order Cable 12 AWG (Amazon)
Barell Jack Cable	Order Cable Barrel Jack

2. Side material

Battery Voltage checker	Order Battery Checker 1 (Amazon) Order Battery Checker 2 (Amazon) Order Battery Checker 3 (Amazon)
Car Stand	Order Car Stand (Mini Planes) Order Car Stand (Amazon)
Controller Logitech F710	Order Logitech F710 (Amazon) Order Logitech F710 (Leclerc)
Lecteur SD USB	Order Lecteur SD (Amazon)