

Part Name	Qty	Source Link		
<b>Structure</b>				
Aluminum Extrusion 30mm x 30mm with 8mm T-Slot Cut to Length 600mm	2	<a href="https://a.co/d/hFK5Cv9">https://a.co/d/hFK5Cv9</a>		
Straight Connector Joint with M6 Screws for 8mm T Slot (4 pcs)	1	<a href="https://a.co/d/0ECLUNQ">https://a.co/d/0ECLUNQ</a>		
<b>Mounting Hardware</b>				
3030 Series 50-Pack M5 T-Nuts	1	<a href="https://a.co/d/2LNslN">https://a.co/d/2LNslN</a>		
M5 Hex Socket Cap Machine Screws Assortment	1	<a href="https://a.co/d/iCjtODC">https://a.co/d/iCjtODC</a>		
M5 Flat Head Socket Cap Screws Assortment	1	<a href="https://a.co/d/0aGesK0">https://a.co/d/0aGesK0</a>		
Picatinny Accessory Rail Set	1	<a href="https://a.co/d/frnKe9S">https://a.co/d/frnKe9S</a>		
<b>Electronics</b>				
SparkFun GPS-RTK-SMA Breakout - ZED-F9P (Qwiic)	2	<a href="https://www.sparkfun.com/products/16481">https://www.sparkfun.com/products/16481</a>		
SparkFun Thing Plus - ESP32-S2 WROOM	1	<a href="https://www.sparkfun.com/products/17743">https://www.sparkfun.com/products/17743</a>		
SparkFun Micro OLED Breakout (Qwiic)	1	<a href="https://www.sparkfun.com/products/22495">https://www.sparkfun.com/products/22495</a>		
Qwiic Boost	1	<a href="https://www.sparkfun.com/products/17238">https://www.sparkfun.com/products/17238</a>		
LIDAR-Lite v3HP	1	<a href="https://www.sparkfun.com/products/14599">https://www.sparkfun.com/products/14599</a>		
SparkFun Qwiic Cable Kit	1	<a href="https://www.sparkfun.com/products/15081">https://www.sparkfun.com/products/15081</a>		
Cherry MX Switch	1	<a href="https://www.sparkfun.com/products/13834">https://www.sparkfun.com/products/13834</a>		
Cherry MX Keycap	1	<a href="https://www.sparkfun.com/products/15305">https://www.sparkfun.com/products/15305</a>		
GNSS L1/L2 Multi-Band Magnetic Mount Antenna	2	<a href="https://www.sparkfun.com/products/15192">https://www.sparkfun.com/products/15192</a>		
GPS Antenna Ground Plate	2	<a href="https://www.sparkfun.com/products/17519">https://www.sparkfun.com/products/17519</a>		
<b>Misc</b>				
Red Dot Sight with 1 inch Riser Mount	1	<a href="https://a.co/d/qlp6rdF">https://a.co/d/qlp6rdF</a>		
<b>3D Printed Components</b>				
Forward Antenna Pod	1	<a href="https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/Forward%20Pod.stl">https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/Forward%20Pod.stl</a>		
Rear Antenna Pod	1	<a href="https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/Rear%20Pod.stl">https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/Rear%20Pod.stl</a>		
Antenna Pod Lid	2	<a href="https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/Pod%20Lid.stl">https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/Pod%20Lid.stl</a>		
Antenna Cable Spool	2	<a href="https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/Cable%20Spool.stl">https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/Cable%20Spool.stl</a>		
Grip	1	<a href="https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/Grip.stl">https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/Grip.stl</a>		
Qwiic Boost Mounting Plate	1	<a href="https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/Qwiic%20Boost%20Mount.stl">https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/Qwiic%20Boost%20Mount.stl</a>		
Dual ZED-F9P Mounting Plate	1	<a href="https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/F9P%20Mount.stl">https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/F9P%20Mount.stl</a>		
OLED+ThingPlus Mounting Plate	1	<a href="https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/OLED%20Mount.stl">https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/OLED%20Mount.stl</a>		
Trigger Button Assembly	1	<a href="https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/Trigger%20Mount.stl">https://github.com/sparkfunX/DGNSS_Ranger/blob/main/Mechanical/STL/Trigger%20Mount.stl</a>		