	Quantity,	
Hardware components	pcs.	Link
MIKRIK V2 Chassis Kit		
Laser cut provided CAD parts from a 3mm thickness plastic sheets, and 3D-print standoffs. If you're		
unable to do that, I can support you with a plastic chassis or ready-to-run customized robot, please		https://www.tindie.com/products/mxlfrbt/mikrik-v2-
contact me for more info.	1	two-wheel-drive-robot-chassis-kit/
LattePanda MU with LiteCarrier Board and Active Cooler		
Great board to build ROS2 robots with help of the Intel Robotics SDK. Choose version with LiteCarrier,		https://www.dfrobot.com/kit-
Active Cooler, and AC/DC adapter.	1	004.html?tracking=LATTEPANDAMU
Powebank >60W to power LattePanda		
You can use any powerful powerbank that can be used to power a laptop, so you can have an	1	https://a.co/d/52PHagL
USB Type C cable		
Cable to power-up a LattePanda board.	1	https://a.co/d/gVuGczC
WiFi USB Dongle MT7601U or any other with Linux Drivers. That one is enabled in kernel by default.		
But it is slow.	1	https://a.co/d/8z7NfF9
Software apps and online services		
ROS Robot Operating System		https://www.ros.org/
Project has two parts: - Robot part running ROS1 using Raspberry PI 4B. It creates an interface to		
communicate with the robot motors and encoders data Host part running ROS2 using Robotics SDK		
on x86 LattePanda MU. It will generate control commands, and will publish them using ROS1-ROS2		
bridge.		
Intel Robotics SDK Software		https://amrdocs.intel.com/docs/2.2/index.html