Transbot is a crawler off-road robot based on ROS(robot operating system), which is designed for ROS enthusiasts and robot players. It is equipped with high-performance hardware configurations such as NVIDIA Jetson NANO, Lidar, HD camera/depth camera, etc., which can realize applications such as robot motion control, remote communication, mapping navigation, following-avoiding, autopilot and robotic arm MoveIt simulation. A lot of teaching course documents and videos to help you get started with ROS easily.

There are five version:

Recommended configuration 1 Recommended reason: equipped with HD camera searchlight pan tilt, learning lidar mapping navigation.	Frame	➕ HD camera
Recommended configuration 2 Recommended reason: joint calibration of depth camera and lidar, 3D visual navigation	Frame	➕ Depth camera
Recommended configuration 3 Recommended reason: Experience the MoveIt simulation control manipulator.	Frame	➕ HD camera Robotic arm
Recommended configuration 4 Recommended reason: Easy to debug ROS robot.	Frame	➕ Depth camera Robotic arm
Recommended configuration 5 Recommended reason: Full configuration, users can debug the robot anytime and anywhere.	Frame	➕ Depth camera Robotic arm 7inch screen