



This Product is a single board Computer and significantly improved performance in CPU RAM and Graphics compared to the previous version it Only Provide smooth image processing and remarkably faster machine learning execution, but also improve the function of turtlebot3 through fast parallel processing of various sensors

The additional improved network devices and the USB3.0 ports increases the useability of turtlebot3 by allowing compatible peripherals to be used with its advanced processor

Specifications:

Items	Burger
Maximum Translational Velocity	0.22m/s
Maximum Rotational Velocity	2.84rad/s (162.72 deg/s)
Maximum Payload	15kgs
Size (L x W x H)	138mm x 178mm x 192mm
Weight (+ SBC + Battery + Sensors)	1kg
Operating Time	About 2hr 30min
Charging Time	About 2hr 30min
DYNAMIXEL	XL430-W250-T
SBC	Raspberry Pi
Embedded Controller	OpenCR (32-bit ARM® Cortex®-M7)
Sensor	360° LIDAR 3-Axis gyroscope 3-Axis accelerometer 3-Axis magnetometer

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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