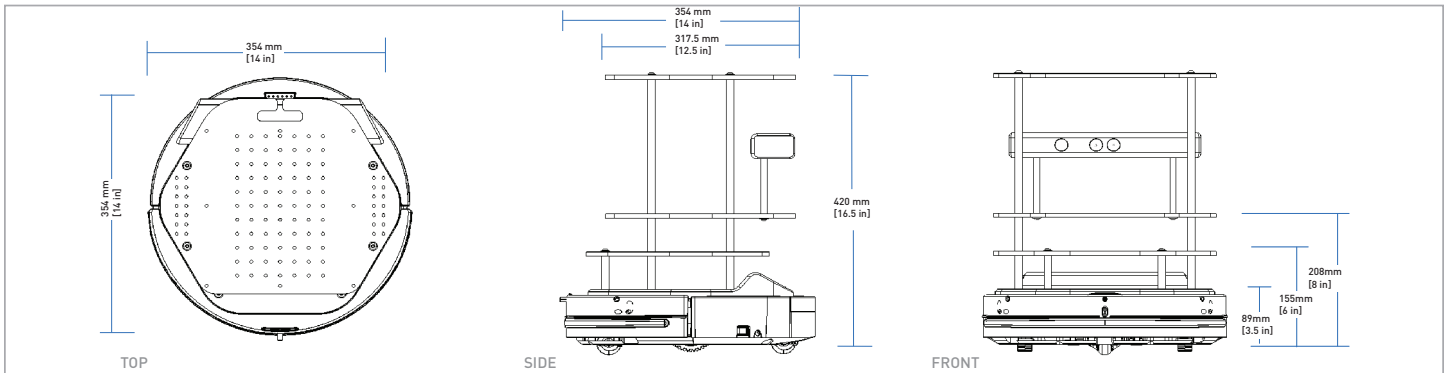


# TurtleBot™

## PERSONAL ROBOTICS PLATFORM



## TECHNICAL SPECIFICATIONS

Size and Weight		
External Dimensions (L x W x H)	354 x 354 x 420 mm (14.0 x 14.0 x 16.5 in)	
Weight	6.3 kg (13.9 lb)	
Wheels (Diameter)	76 mm (3 in)	
Ground Clearance	15 mm (0.6 in)	
Speed and Performance		
Max. Payload	5 kg (11 lb)	
Max. Speed	0.65 m/s (2.1 ft/s)	
Max. Rotational Speed	180°/S	
Battery and Power System		
Standard Battery	2200 mAh Li-Ion	
Extended Battery	4400 mAh Li-Ion	
User Power	5 V and 19V (1A), 12 V (1.5A), 12V (5A)	
Sensors		
3D Vision Sensor (ASUS Xtion PRO LIVE)	Color Camera: 640px x 480px, 30 fps.	Depth Camera: 640px 480px, 30 fps
Encoders	25700 cps	11.5 ticks/mm
Rate Gyro	110 deg/s Factory Calibrated	
Auxiliary Sensors	3x forward bump, 3x cliff, 2x wheel drop	
Computer (subject to change)		
Memory	4 GB	
Screen	11.6in (1366x768)	
Processor	Intel Core i3-4010U	
Graphics	Intel® HD Graphics	
Internal Hard Drive	500 GB	
WiFi	802.11n	
Optical Drive	Not Applicable	

Contact us today for pricing and a free 30 minute technical assessment: **1-800-301-3863**