

4tronix RoboHAT Robotics Controller Board for Raspberry Pi



Seller Info

Name:	Syndicator Staff
First Name:	Syndicator
Last Name:	Staff
Country:	United Arab Emirates
ZIP code:	00000
Address:	Dubai
Phone:	

Listing details

Reference Number: RF591344

Common

Title:	4tronix RoboHAT Robotics Controller Board for Raspberry Pi
Price:	\$ 29.75
Country:	United Kingdom
Description:	4tronix RoboHAT Robotics Controller Board for Raspberry Pi

The RoboHAT is the complete robotics controller for your Raspberry Pi based mobile robot. The board supports all models of Raspberry Pi that have the 40-pin connector (Model A+/B+, as well as Pi 2 and 3 Model B).

The kit includes an SD card with operating system pre-loaded, a smart and colourful Pibow Zero W case, and even one of those lovely Blinkt! multicolour LED strips to take your first steps with coding in Python!

Features:

- 5V Switching regulator to safely power the robot and the Pi from 7V to 10V batteries (not supplied)
- LED Indication of 5V power status
- High efficiency, dual H-Bridge driver that drives 2 DC motors (or 2 sets of 2 if using paired motors on each side of the robot)
- 6, 5V level shifted GPIO inputs with GVS 3-pin

connectors (ground, volts, signal)

4, 5V level shifted GPIO outputs with GVS 3-pin connectors

4-pin Male header to directly plug in an ultrasonic distance sensor (not supplied)

I2C Breakout connector (standard 4tronix I2C port)

Output connectors can be used directly to drive servos

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