

4tronix RoboHAT Robotics Controller Board for Raspberry Pi



Listing details

Reference Number: RF204129

Common

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 Blink! 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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Posted: 7 years ago

