

MATRIX Creator One IoT Board for Raspberry Pi



Listing details

Reference Number: RF325849

Common

Price: \$ 116.53

Country: India

Description:

Matrix Labs FPGA-driven Matrix Creator IoT daughter board for the Raspberry Pi 3 is loaded with sensors, 802.15.4 radios, and a mic array. The disc-shaped Matrix Creator add-on for the Raspberry Pi is based on AdMobilize's successfully Kickstarted Matrix home automation and surveillance hub.

AdMobilize spun off Matrix Labs, which has now built this cheaper, board-level version of the product.

The Creator lacks the Matrix's application processor, memory, camera, speaker, altitude sensor, GPS, WiFi, Bluetooth, 3G radio, and enclosure. What's left is a sensor-rich development board with a full suite of short-range wireless radios. New additions include IR, Thread mesh networking support, and an ultraviolet detector. The device is aimed at developers building "drones, robots, smart homes, security, retail, and other custom hardware builds.

- 8 MEMS Microphone Array (DIY Amazon Echo)
- FPGA (Xilinx Spartan 6)
- Microcontroller (ARM Cortex M3)
- 3D Magnetometer
- Ultraviolet sensor
- Pressure sensor
- 3D Accelerometer
- 3D Gyroscope
- 3D Magnetometer
- Humidity sensor

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