



The Rainbow HAT from Pimoroni has a buffet of sensors, inputs, and displays to explore Android Things™. Use it as a weather station, a clock, a timer or stopwatch, a mood light, or endless other things.

Pimoroni collaborated with the Android Things™ team at Google to create this great add-on board that features displays, sensors, sound, and lots of LEDs! It's the perfect introduction to developing Android Things applications on the Raspberry Pi.

#### Features

- Seven APA102 multicolour LEDs
- Four 14-segment alphanumeric displays (green LEDs)
- HT16K33 display driver chip
- Three capacitive touch buttons

- Atmel QT1070 capacitive touch driver chip
- Blue, green, and red LEDs
- BMP280 temperature and pressure sensor
- Piezo buzzer
- Breakout pins for servo, I2C, SPI, and UART (all 3v3)

The board is designed specifically to show off the wide range of protocols available on the Raspberry Pi, including SPI (the APA102 LEDs), I2C (the BMP280 sensor and 14-segment displays), GPIO (the capacitive touch buttons and LEDs), and PWM (the piezo buzzer).

Raspberry Pi not included.

Product Dimensions: 65.0mm x 55.0mm x 12.3mm / 2.6" x 2.2" x 0.5"

Product Weight: 26.4g / 0.9oz