

# Pimoroni Micro Dot pHAT with Included LED Modules - Red

PRODUCT ID: 3248

DISCONTINUED

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## DESCRIPTION

Looking for an unashamedly old school LED matrix display board? Lookie here! The **Pimoroni Micro Dot pHAT** is made up of six **red** LED matrices, each 5x7 pixels (for an effective display area of 30x7) plus a decimal point, using the beautiful little Lite-On LTP-305 matrices.

Downloaded from [Arrow.com](#).

Perfect for building a retro scrolling message display, a tiny 30-band spectrum analyzer, or a retro clock. Far out!

As with the other pHATs, it works with all of the 40-pin Raspberry Pi variants - 3/2/B+/A+/Zero - but using it with the [Pi Zero](#) makes for a super-tiny package.

#### Features:

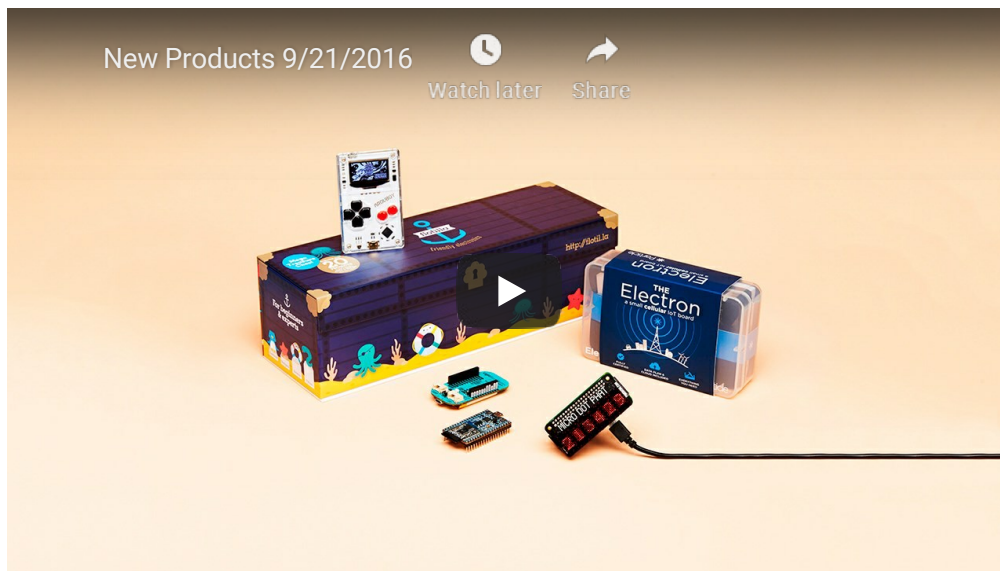
- 3x onboard IS31FL3730 LED matrix driver chips
- Drives up to 6 x LTP-305 red LED matrices
- Up to 30x7 pixels (5x7 per matrix plus a decimal point)

#### Kit includes:

- Assembled Micro Dot pHAT PCB
- 2x20 0.1" female GPIO header
- 6 Red LTP-305 LED modules

Micro Dot pHAT also works well with other pHATs and HATs. You could use it in combination with [pHAT DAC](#) to display the audio spectrum, or with [Enviro pHAT](#) to display its temperature, pressure and light readings. Give it a try!

**Note:** These pHAT boards require you to solder on the headers and LTP-305 modules (through-hole components). Works with any 40-pin Raspberry Pi variant.



## TECHNICAL DETAILS

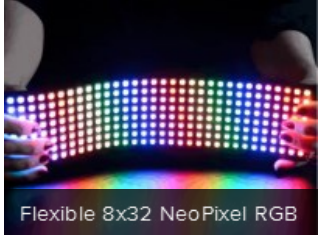
- Board Dimensions: 65mm x 30mm x 2.5mm
- Board Weight: 6.6g / 0.2oz
- Assembled Dimensions (with header): 65mm x 30mm x 14mm
- Assembled Weight (with header): 16g / 0.57oz

Pimoroni has put together a comprehensive [Python library](#) to make using the Micro Dot pHAT really simple, as well as a [guide to assembling it](#), and a [getting started guide](#) to show you how to install and use the Python library.

For product support, replacement parts and warranty for Pimoroni products visit the [Pimoroni forum](#) or [contact Pimoroni directly](#).

## MAY WE ALSO SUGGEST...





Flexible 8x32 NeoPixel RGB



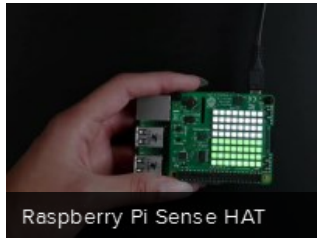
Adafruit NeoPixel Shield for



Raspberry Pi Zero - Version



Pimoroni pHAT DAC for



Raspberry Pi Sense HAT



32x32 RGB LED Matrix



32x32 RGB LED Matrix



NeoPixel FeatherWing - 4x8



Adafruit NeoPixel NeoMatrix

4.6 ★★★★★  
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