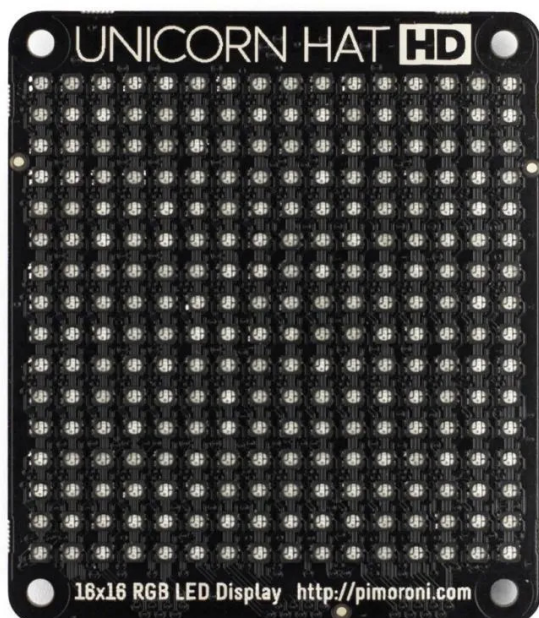


Item no.: 345792

## PIM273 - Unicorn HD LED Matrix HAT with 16x16 LEDs for Raspberry Pi

from **48,77 EUR**

Item no.: 345792  
shipping weight: 0.10 kg  
Manufacturer: Pimoroni



### Product Description

Pimoroni Unicorn HD LED Matrix HAT with 16x16 LEDs for Raspberry Pi

Pimoroni have stepped up their LED game! Unicorn HAT HD crams 256 RGB LEDs, in a 16x16 matrix, onto a single HAT. High-definition rainbow goodness!

You can still use it for all of the same things as the regular Unicorn HAT, but with 4 times as many pixels it makes much more complex animations possible, including scrolling text, and even low resolution videos.

The bundled ninja diffuser makes the pixels look extra-shiny by providing some subtle diffusion, blurring the lines between each pixel. Simply use four of the nuts to space the diffuser slightly away from the HAT, and the other four to secure it.

The MagPi said that Unicorn HAT HD had a "real wow factor" and that the "performance is excellent" in their five star review.

- 256 RGB LED pixels in a 16x16 matrix
- Pixels driven by ARM STM32F and 3x STP16CPC26 LED drivers
- Bundled ninja diffuser, plus nuts and bolts
- Unicorn HAT HD pinout
- Compatible with all 40-pin header Raspberry Pi models
- Python library
- Comes fully assembled

The ARM chip on Unicorn HAT HD does all of the heavy lifting, meaning that you can just bung data to it and it'll take care of the rest. It acts as the man-in-the-middle between your Pi and the 3x STP16CPC26 LED drivers that actually drive the LEDs.

### Specifications

Scan this QR code to  
view the product  
All details, up-to-date  
prices and availability

