

TOP NOTCH SUPPORT

Check our 13,500+ customer reviews!

SUPER FAST SHIPPING

Picked, packed, and posted in a flash!

PIMORONI PROMISE

30-day money-back guarantee!

2,000+ MAKER PRODUCTS

In stock and ready to ship today!



Type here to search...



[view cart contents](#)



[RASPBERRY PI 4](#)

[FEATHER](#)

[MICRO:BIT](#)

[ARDUINO & CO.](#)

[KITS](#)

[BREAKOUTS](#)

[PROTOTYPING](#)

[TOOLS](#)

[KIDS](#)

[NEW!](#)

[DEALS!](#)

[Pimoroni](#)
[Robotics](#)

[Adafruit](#)
[Wearables](#)

[SparkFun](#)
[Audio](#)

[iFixit Tools](#)
[Books](#)

[Displays](#)

[Gaming & Arcade](#)

[Sensors](#)

[3D Printing](#)

[Breakout Garden](#)

[IoT](#)

[Cameras](#)

COVID-19 update: [Shipping online orders as normal](#) - [No in-person collection](#) - [Some deliveries taking longer](#) - [Stay at home, stay safe!](#) - [More info](#)



Inky pHAT (ePaper/eInk/EPD) – Yellow/Black/White

A low-energy, high-falutin, electronic paper (ePaper / eInk / EPD) display for your Pi, in three different colour schemes: red/black/white, yellow/black/white, and black/white! [Read more...](#)

Out of stock

PIM367

★★★★★ (69)

Red/Black/White

Yellow/Black/White

Black/White

All prices include VAT @ 20%

- **Oh no, we're out of stock!** Enter your e-mail below and we'll notify you.
- 30-day money-back guarantee
- Worldwide shipping

Downloaded from Arrow.com

[NOTIFY ME](#)

Our secure checkout accepts all major payment providers.

[DESCRIPTION](#)[REVIEWS](#)

A low-energy, high-falutin, electronic paper (ePaper / eInk / EPD) display for your Pi, in three different colour schemes: red/black/white, yellow/black/white, and black/white!

Inky pHAT's beautiful 212x104 pixel, display is ideal for displaying simple graphics and crisply-rendered text and, because it's like paper, it's readable in bright sunlight.

Use Inky pHAT as a cute little clock, display tweets on it, the weather, news headlines, sports scores, and more. It's also ideal for graphing data from remote sensors, CPU load or temperature, or stock prices.

Note that we've completely re-written the Python library (as of October 2018) to be compatible with both Inky pHAT and the larger Inky wHAT displays. This **new Inky Python library** drops support for the original (V1) Inky pHAT, but you can still use the **original Inky pHAT Python library** if you have one of these original boards. If you have a newer Inky pHAT, we *strongly suggest* you use the **new Inky library**.

You can find full details of how to use the new library in the [Getting Started with Inky pHAT](#) tutorial.

Features

- 2.13" EPD display (212x104 pixels)
- **Inky pHAT pinout**
- Compatible with all 40-pin header Raspberry Pi models
- **Python library**
- Comes fully assembled

Multi-colour EPD displays, like the ones on Inky pHAT, use ingenious electrophoresis to pull coloured particles up and down on the display. The coloured particles reflect light, unlike most display types, meaning that they're visible under bright lights. It takes approximately 15 seconds to refresh the display, with a typical 8mA current draw during refreshes. The black/white display can be refreshed much more quickly, in just a second or two.

Everything comes fully-assembled, and there's no soldering required! The display is securely stuck down to the Inky pHAT PCB and connected via a ribbon cable. Just pop Inky pHAT on your Pi and run our installer to get everything set up!

It'll work with any 40-pin version of the Pi, including Pi Zero and Pi Zero W.

Software

Our **Python library** takes the stress out of displaying text and images on Inky pHAT, and our examples include a cute clock and weather display. We've put together a one-line-installer for the Python library too, to make installation a little more straightforward.

Notes

- Pro-tip: you can treat the three-colour displays as black and white - `InkyPHAT("black")` - and they'll refresh as quickly as a black and white display, in just a couple of seconds
- Overall dimensions: 65x30x8.5mm (WxHxD, depth includes header and display)
- Display usable area dimensions: 48.5x23.8mm (WxH), 2.13" diagonal





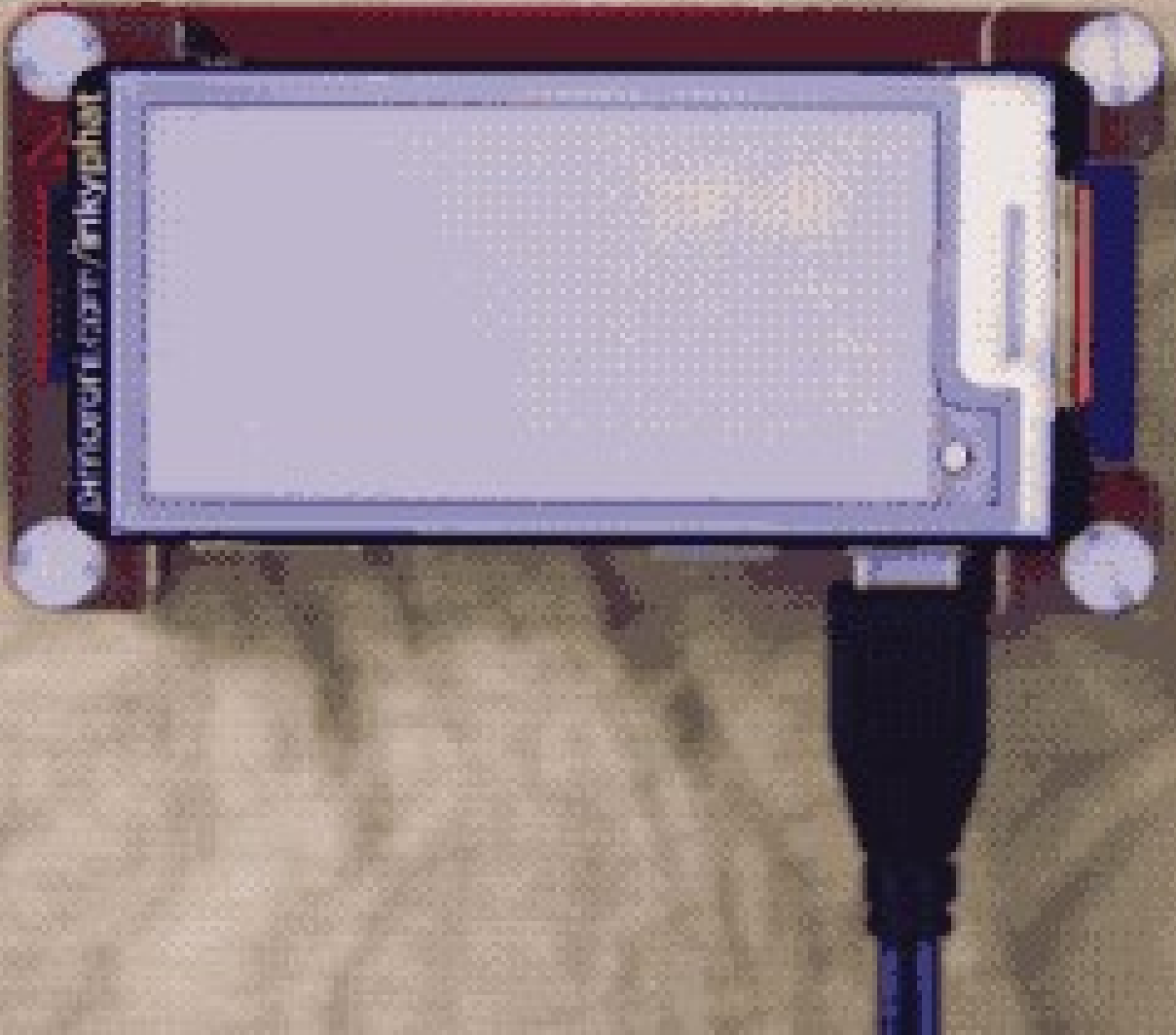
dimoroni.com/inkyphat

inkyphat









PIMORONI

- [About Us](#)
- [Customer Forums](#)
- [Contact Us](#)
- [Our Products](#)

LINKS

- [Shipping Information](#)
- [Customer Reviews](#)
- [Win a Pimoroni Gift Card!](#)
- [Distributor Map](#)

SOCIAL

4.9 ★★★★★
Google
Customer Reviews