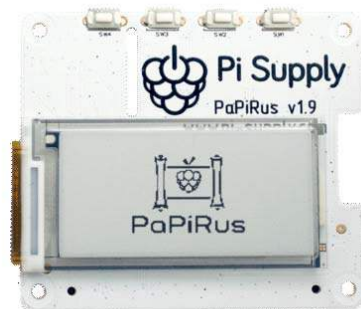
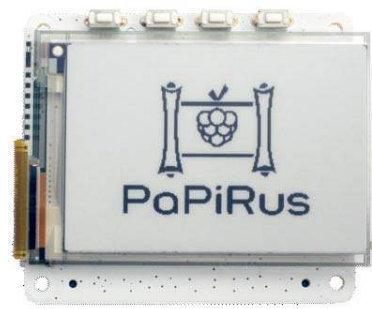


## PaPiRus ePaper / eInk Screen HAT



Medium PISUPPLY-001



Large PISUPPLY-003

PaPiRus is an ePaper / eInk screen HAT module for the Raspberry Pi with a 2" screen.

Designed by Pi-Supply in conjunction with Pervasive Displays this is a HAT module for the Raspberry Pi that is capable of driving ePaper displays of various sizes with ease, making use of their existing open source RePaper codebase and examples.

ePaper is a display technology that mimics the appearance of ink on paper. Unlike conventional displays, ePaper reflects light – just like ordinary paper – and is capable of holding text and images indefinitely, even without electricity. Because of this, ePaper displays and single board computers or microcontrollers are a match made in heaven as together they use a very small amount of power whilst still bringing a display to your project.

We are very excited to offer this very interesting HAT compatible display breakout for hackers who want to start playing with small ePaper / eInk displays in their Raspberry Pi projects.

The PCB assembly has a lot of driver circuitry required to keep the display running smoothly as well as an EEPROM for HAT compatibility and easy plug and play operation with the Raspberry Pi. All signals are broken out to a 40 pin female header. The display included in this offering is a 2.0" diagonal and 128 x 96 resolution true ePaper / eInk graphical display. The display does not

require any power to keep the image and will stay 'on' without any power connection for many days before slowly fading. Of course, its also daylight readable and is very high contrast. This makes it excellent for data-logging applications, outdoor displays, or any other ultra-low power usages

The good news is that rePaper/PDI have provided a suite of example code for the Raspberry Pi along with datasheets. Tons more information including wiring diagrams, datasheets & and links to example code at [rePaper!](#)