

9.7" 1200x825 ePaper Display HAT für Raspberry Pi



Artikel-Nr.:	RPI-EINK97
Hersteller:	Waveshare
Herkunftsland:	China
Zolltarifnummer:	84733080
Gewicht:	0.43 kg



Übersicht

This is an E-Ink display HAT for Raspberry Pi, 9.7inch, 1200x825 resolution, with embedded controller IT8951, communicating via USB/SPI/I80/I2C interface.

Due to the advantages like ultra low power consumption, wide viewing angle, clear display without electricity, it is an ideal choice for applications such as shelf label, industrial instrument, and so on.

Eigenschaften

- No backlight, keeps displaying last content for a long time even when power down
- Low power consumption, basically power is only required for refreshing
- Compatible with Raspberry Pi Zero/Zero W/Zero WH/2B/3B/3B+
- USB/SPI/I80/I2C interface, for connecting with host boards like Raspberry Pi/Nucleo, etc.
- Comes with development resources and manual (examples for Raspberry Pi/STM32)

Spezifikationen

- Operating voltage: 5V
- Interface: USB/SPI/I80/I2C
- Outline dimension: 218.8mm × 156.425mm × 1.15mm
- Display size: 202.8mm × 139.425mm
- Dot pitch: 0.169 × 0.169
- Resolution: 1200 × 825
- Display color: black, white
- Gray scale: 2-16 (1-4 bit)
- Full refresh time: <1s
- Total refresh power: 0.6W(typ.)
- Total standby power: 0.3W(typ.)

Interface

SYMBOL	DESCRIPTION
5V	Power input
GND	Ground
MISO	SPI MISO pin
MOSI	SPI MOSI pin
SCK	SPI SCK pin
CS	SPI chip selection, low active
RST	External reset, low active
HRDY	Busy status output, low active

Lieferumfang

- 9.7inch e-Paper x1
- e-Paper IT8951 Driver HAT x1
- 9.7inch e-Paper Adapter x1
- 33PIN FFC (same side contact) x1
- RPi screws pack (2pcs) x1
- PH2.0 20cm 8Pin x1

Dokumentation / Downloads

- https://www.waveshare.com/wiki/9.7inch_e-Paper_HAT

Weitere Bilder:



