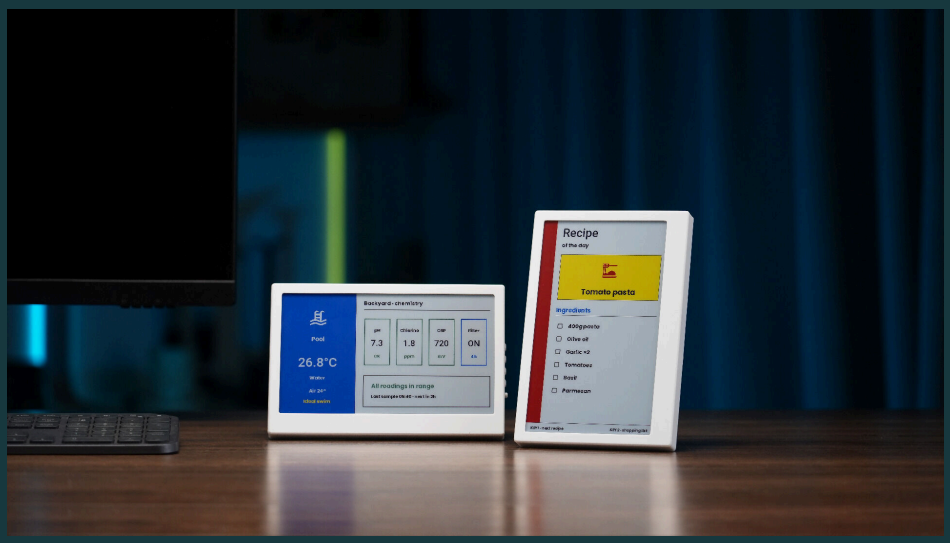
seeed studio

INDUSTRIAL PRODUCT DATASHEET

OpenDisplay 7.3" Color Kit

The OpenDisplay 7.3" Color Kit is a ready-to-use e-paper display, co-developed by Seeed Studio and OpenDisplay.

SKU	UPDATED	PRICE
100091514	2026-11-11 09:24:18	$75.90(Excl. VAT)



Overview



The OpenDisplay 7.3" Color Kit is a ready-to-use e-paper display, co-developed by Seeed Studio and OpenDisplay. It combines a 7.3-inch 800×480 Spectra 6 color e-paper panel, a Seeed XIAO EN04 driver board (nRF52840), a 2000 mAh rechargeable battery, and a 3D-printed case. The kit ships fully assembled with OpenDisplay firmware and factory settings already installed. Power it on and start using it over Bluetooth Low Energy from your browser or Home Assistant. No Wi-Fi is required. Unlike many ESP32-based e-paper displays that turn the radio off between updates, this kit keeps Bluetooth listening in a low-power mode. If the display is powered on and in range, you can send a new image at any time without a wake-up step.

Key Features

01 **OpenDisplay compatible — works with the OpenDisplay BLE standard, web tools, Home Assistant, and the py-opendisplay Python SDK**

02 **3" Spectra 6 color display at 800×480 pixels — six colors**

black, white, yellow, red, blue, and green. Images are dithered to this fixed palette before uploading; it is not full RGB

03 **Energy-efficient BLE design — the display stays ready for updates while drawing little power on standby. With the built-in 2000 mAh battery and roughly one update every two hours, expect up to one year between charges under typical use**

04 **Ready to go — the firmware and device settings are pre-configured at the factory. If Home Assistant already has Bluetooth coverage, the display can appear automatically when you power it on**

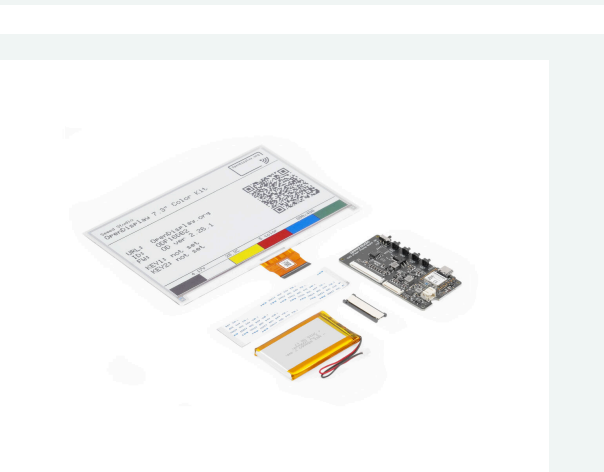
Product Gallery













Resource Links

- https://www.seeedstudio.com/OpenDisplay-7-3-Color-Kit-p-7031.html
- OpenDisplay project website
- OpenDisplay Toolbox
- BLE Tester
- Battery life calculator
- OpenDisplay Firmware (GitHub)
- py-opendisplay (Python SDK)
- Home Assistant integration (GitHub)
- OpenDisplay Discord
- In-depth OpenDisplay guide

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