

INDUSTRIAL PRODUCT DATASHEET

10.3 Monochrome eInk / ePaper Display with 1404 × 1872 Pixels, TTL interface, Support XIAO/Arduino

10.3 monochrome eInk/ePaper display with 1404 × 1872 pixels, 16-level grayscale, ultra-low power, and XIAO/Arduino support for e-readers, signage, and smart home dashboards.

SKU

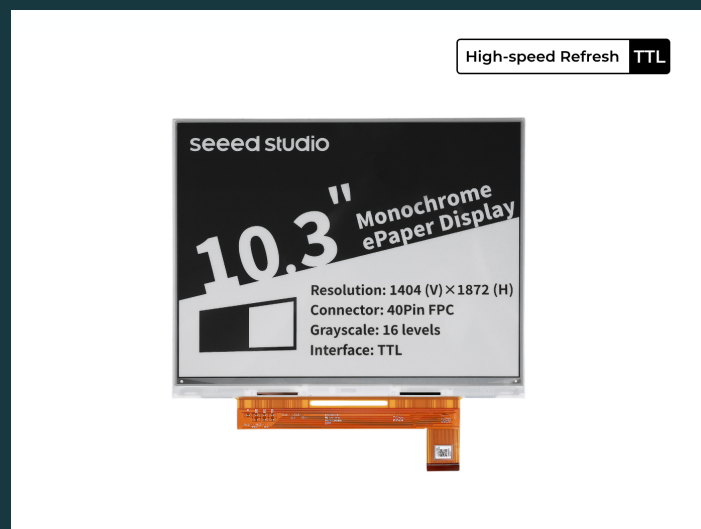
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PRICE

\$85.00(Excl. VAT)



Overview



The 10.3 Monochrome eInk / ePaper Display with 1404 × 1872 Pixels, TTL interface, and XIAO/Arduino support offers up to 16-level grayscale clarity, ultra-low power consumption, and plug-and-play integration with the XIAO ePaper Driver Board. It supports high-speed refresh for low-latency updates and is suitable for reading equipment, retail shelf labels, conference room signage, logistics tracking boards, and smart home dashboards.

Key Features

01

Upto16-level grayscale clarity

Support 2 to 16 levels of grayscale (1-4 bits), delivering clear and refined visuals for text and graphics.

02

Ultra-Low Power Consumption

The ePaper consumes power only during updates, resulting in longer battery life and greater energy efficiency.

03

Plug&Play with XIAO ePaper Driver Board

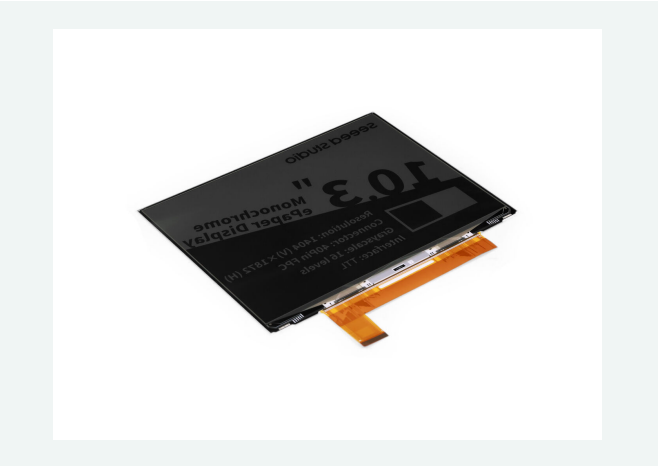
Optimized for the XIAO ePaper Display Board EE03, powered by the XIAO ESP32-S3 Plus, featuring a reserved battery connector and user button to accelerate prototyping and project development.

04

Wide Range of Applications

Supports high-speed refresh for low-latency updates with a TTL parallel interface (multi-line, high-throughput) —perfect for e-paper readers and digital notebooks.

Product Gallery



Applications

- Reading equipment
- Retail shelf labels
- Conference room signage
- logistics tracking boards
- Smart home dashboards

Product	Name	Resolution	Display Color	Partial Refresh	SenseCraft HMI
		200x200		√	√
		250x122		√	√
		250x122			√
		212x104		√	
		296x128			
		296x128		√	√
		296x128			√
		400x300		√	
		800x480			√
		648x480		√	
		800x480			√
		800x480		√	√
		1404x1872		√	√
		1600x1200			√

Resource Links

- <https://www.seeedstudio.com/10-3inch-Monochrome-eInk-ePaper-Display-with-1404x1872-Pixels-p-6568.html>
- 10.3" Monochrome ePaper Display module Datasheet

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