seeed studio

INDUSTRIAL PRODUCT DATASHEET

TRMNL 7.5" (OG) DIY Kit

The TRMNL 7.5" (OG) DIY Kit, co-developed by Seeed Studio and TRMNL, is a versatile e-ink development solution.

SKU	UPDATED	PRICE
104991005	2026-11-13 01:27:32	$44.90(Excl. VAT)



Overview



The TRMNL 7.5" (OG) DIY Kit, co-developed by Seeed Studio and TRMNL, is a versatile e-ink development solution. It includes a 7.5-inch 800x480 monochrome e-ink display, XIAO ESP32-S3 PLUS driver board, 2000 mAh rechargeable battery, and 10cm FPC extension cable. Fully compatible with the TRMNL BYODecosystem, it unlocks over 375 pluginsand8layouts forno-codedashboardbuilding. Seamlessly integrate with Home Assistant to display real-time data like weather or energy use, or tap into Arduino's thousands of projects. Perfect for DIY enthusiasts building e-ink dashboards, smart home interfaces, or creative digital signage—offering low-power efficiency and endless customization.

Key Features

01 Compatible with TRMNL (TRMNL Access Required)

02 5" e-Ink Display for YourCustomDashboard

03 Energy-Efficient Design with Low-Power Consumption

04 Home Assistant and Arduino IDE Compatibility for Your Applications

05 OpenSourceEnclosuresforYourRe-Mix

Product Gallery

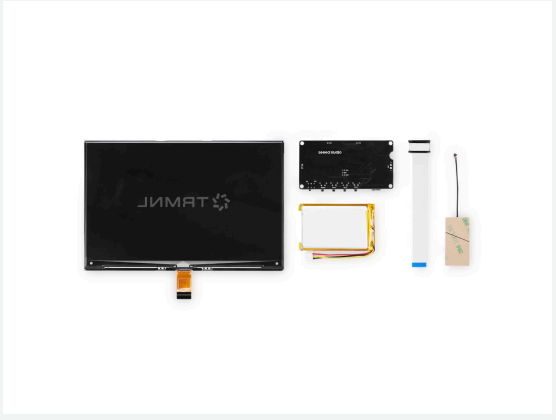












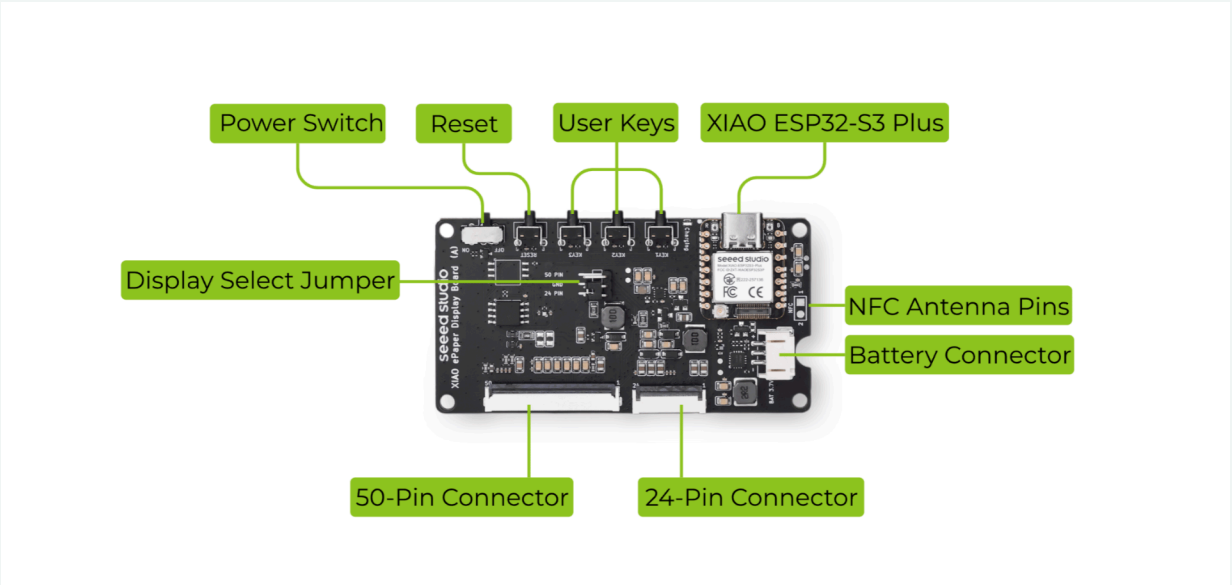








Hardware Overview



Resource Links

- https://www.seeedstudio.com/TRMNL-7-5-Inch-OG-DIY-Kit-p-6481.html
- Getting Started with TRMNL on TRMNL 7.5inch(OG) DIY Kit
- Open Source Enclosure (Trianglar Version) on Printables
- Open Source Enclosure (L Shape Version) on Printables
- Schematic of XIAO ePaper Display Dev Board
- PCN-104991005

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