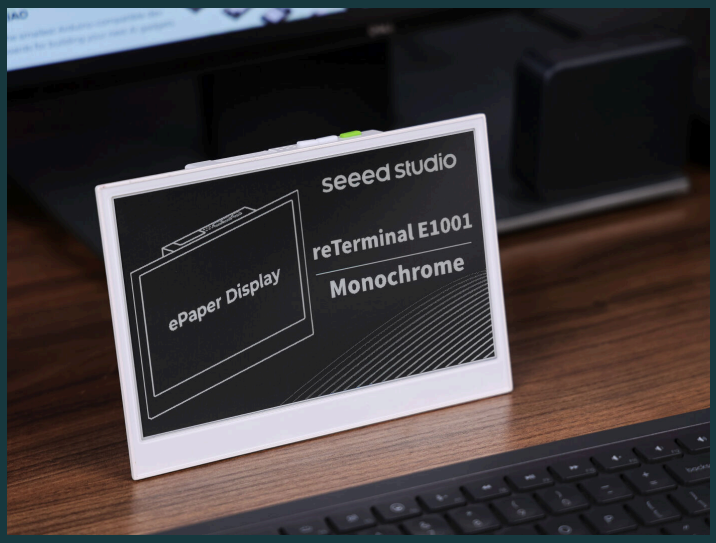
seeed studio

INDUSTRIAL PRODUCT DATASHEET

reTerminal E1001 Monochrome ePaper Display

reTerminal E1001 is a 7.5 inch open-sourcemonochromeePaperdisplaywith upto 3-month battery life.Powered by ESP32-S3, itnatively supportsourSenseCraft Seeedash no-code UI platformfor effortless dashboard creation, whilesupportin...

SKU	UPDATED	PRICE
100073581	2026-11-11 09:33:34	$79.00(Excl. VAT)



Overview



reTerminal E1001 is a 7.5 inch open-sourcemonochromeePaperdisplaywith upto 3-month battery life.Powered by ESP32-S3, itnatively supportsourSenseCraft Seeedash no-code UI platformfor effortless dashboard creation, whilesupporting Home Assistant, TRMNL E-ink dashboard,Arduino and ESP-IDFforfurther development.Whether for smart home dashboardvisualization, office displays, or educational projects, this ready-to-use HMI device delivers beautiful visuals and flexible customization in one elegant package.

Key Features

01 **Beautiful, Ready-to-Use ePaper Display**

02 **Ultra-Low Power with 3-Month Battery Life**

03 **No-Code UI Design & Deployment with SenseCraft Seeedash**

04 **Works with Popular Software Platforms**

05 **Flexible Hardware & Software Customization**

Product Gallery









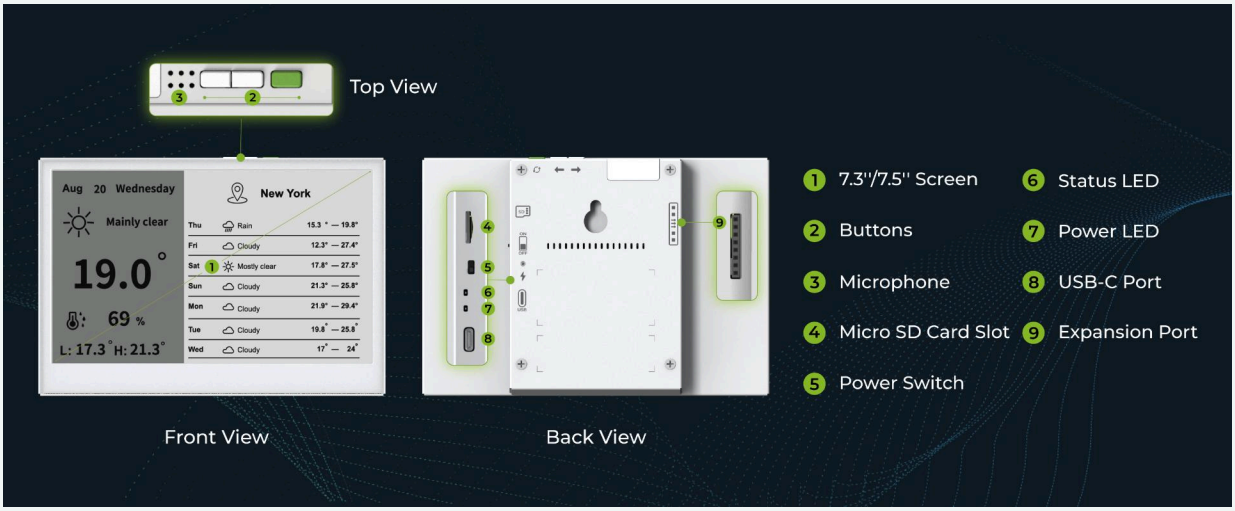








Hardware Overview



Applications

- **Desktop Personal Assistants：Track your personal calendars, notifications, weather, or news feed as a stylish, energy-efficient alternative to tablets.**
- **Home Automation Dashboards：Display real-time smart home data like temperature, humidity, and air quality via Home Assistant.**
- **Smart Office Displays：Show meeting room availability, office schedules, or directional guidance in low-power, always-on ePaper displays.**
- **Retail & Public Information Displays：Low-power ePaper signs for menus, schedules, or occupancy indicators with long battery life.**
- **Education & Rapid Prototyping：An ideal platform for developers and students to learn IoT, embedded systems, and no-code UI design, while quickly prototyping and testing sensors, modules, or custom dashboards.**

Resource Links

- https://www.seeedstudio.com/reTerminal-E1001-p-6534.html
- reTerminal E Series ePaper Display
- reTerminal MIC Radio Certificate
- reTerminal E1001 FCC Certificate
- reTerminal E1001 CE Certificate
- reTerminal E1001 ROHS

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