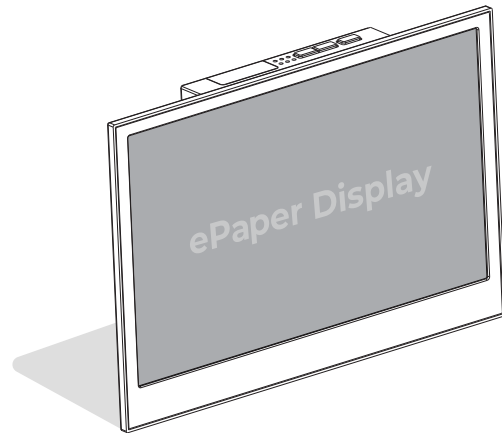
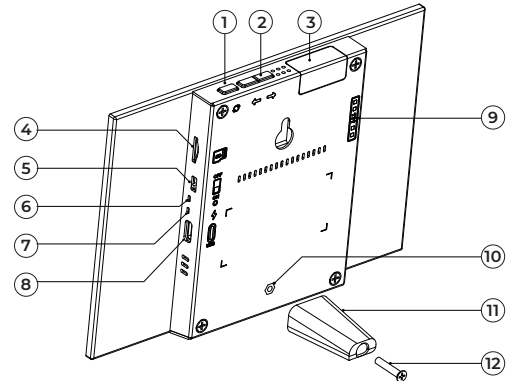




reTerminal E Series ePaper Display

Quick Start Guide

Product Overview



- | | |
|------------------------------|-----------------------------|
| ① Screen Refresh Button | ⑨ Expansion Port |
| ② Page Up and Down Button | ⑩ Stand Mounting Screw Hole |
| ③ Wi-Fi Antenna Area | ⑪ Stand |
| ④ MicroSD Card/ TF Card port | ⑫ Stand Mounting Screw |
| ⑤ Power Switch | |
| ⑥ Red Power LED | |
| ⑦ Green Status LED | |
| ⑧ USB-C Data and Charge Port | |

Get Started

1 - Please check the package to ensure you have all the following items:

- reTerminal ePaper display x1
- USB Type-C cable x1
- 3D Print stand with screw and screwdriver x1

2 - For detailed instructions on how to set up, operate, and troubleshoot your new product, please scan the QR code below with your smartphone or tablet. This will direct you to our comprehensive online tutorial and user guide.



https://wiki.seeedstudio.com/reterminal_e10xx_main_page/

Warning

- 1 - Please place this product on a stable surface, or hang it from a reliable hook to prevent damage from falling.
- 2 - The device will periodically enter sleep mode to save power. If you need to update the data immediately, please press the refresh button manually.

Specifications

	E1001	E1002
SoC	Espressif ESP32-S3R8	
Memory	8MB PSRAM	
Storage	32MB Flash, Micro SD/TF Card(Up to 32GB, Optional)	
Wireless	2.4GHz 802.11 b/g/n Wi-Fi, Bluetooth 5.0	
Screen	7.5" Monochrome	7.3" Color
Resolution	800x480	
Battery	2000mAh	
Input Voltage	DC 5V 1A	
Dimension(mm)	175mm*120mm*16.5mm	
Operation Temp.	0-40°C (32-104°F)	

Contact Us

If you have any questions, encounter issues, or need further assistance, please don't hesitate to reach out to us through the following channels:

For general inquiries and technical support,
<https://aftersale.seeedstudio.com/>



Discord Community:
<https://discord.com/invite/QqMgVwHT3X>



FCC Notice:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with minimum distance 20cm between the radiator & your body.



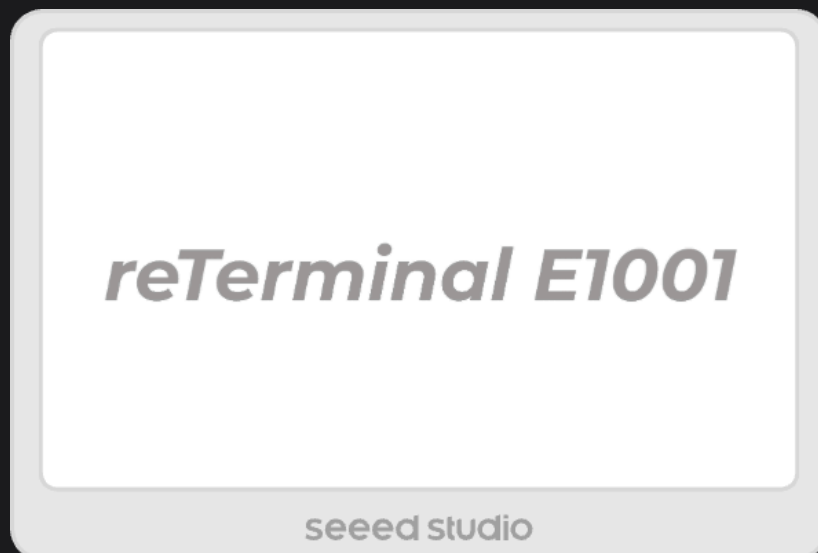
reTerminal E10xx Series Overview

Introduction

The reTerminal E10xx series represents Seeed Studio's family of ePaper display terminals designed for low-power information display applications. These devices combine the power efficiency of ePaper technology with wireless connectivity to create versatile displays for smart homes, retail environments, office spaces, and more.

Unlike traditional displays that consume power continuously, the reTerminal E10xx series only uses power when changing content, making them ideal for applications requiring extended battery life and always-on information display.

reTerminal E1001



reTerminal E1001

[Wiki](#)

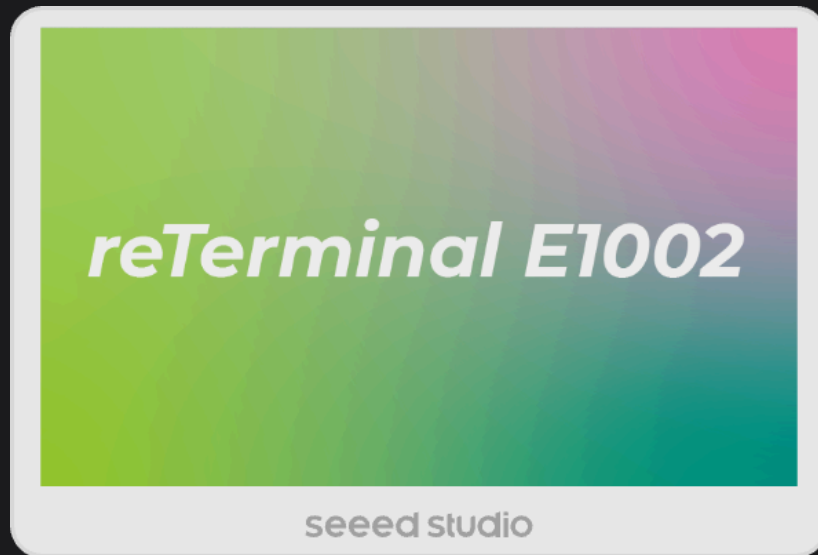
[Get One Now](#)

The reTerminal E1001 features a 7.5-inch monochrome ePaper display with 4-level grayscale capability. With its 800×480 resolution, it delivers crisp text and clear images while consuming minimal power. The monochrome display is perfect for applications where text legibility and battery life are priorities.

Key Features

- 7.5-inch monochrome ePaper display with 4-level grayscale
- 800×480 resolution
- Ultra-low power consumption for extended battery life
- Perfect for text-heavy applications like calendars, to-do lists, and information displays

reTerminal E1002



The reTerminal E1002 features a vibrant 7.3-inch six-color ePaper display with ACeP (Advanced Color ePaper) technology. This color display offers the same power efficiency benefits of ePaper technology while allowing for more visually engaging content with multiple colors, making it ideal for applications where visual distinction and aesthetic appeal are important.

[reTerminal E1002](#)

[Wiki](#)

[Get One Now](#)

Key Features

- 7.3-inch six-color ePaper display with ACeP technology
- 800×480 resolution
- Rich color representation while maintaining low power consumption
- Perfect for gallery displays, colorful dashboards, and visually oriented applications

SenseCraft HMI Platform

Break Scene Boundaries, Push Diverse Data to Your Devices

AI-driven dynamic display interface, assisting device design and deploying real interfaces, making every interaction smart and efficient

[Explore Scenarios](#)

Platform Core Highlights

SenseCraft HMI comes with multiple innovative features, bringing a brand-new experience for building your device interactions on a web browser.

[SenseCraft HMI](#)[SenseCraft HMI Wiki](#)

All reTerminal E10xx devices are designed to work with the SenseCraft HMI platform, providing an intuitive web interface for creating and deploying content to your devices. Key features include:

- **AI Generator:** Create dashboards using text prompts
- **Gallery:** Display images and slideshows
- **Canvas:** Design custom layouts with drag-and-drop tools
- **RSS Integration:** Display news and updates from web feeds
- **Web Content Display:** Show content from web pages

Applications

The reTerminal E10xx series supports multiple development platforms and frameworks:

- [reTerminal E10xx Work with ESPHome for Home Assistant](#)

Explains how to plug the reTerminal E10xx into Home Assistant and write simple programs to draw simple graphs in ESPHome via YAML.

- [Advanced ESPHome Usage of reTerminal E10xx in Home Assistant](#)

Explains how to use reTerminal's hardware and advanced features such as deep sleep and comprehensive use cases in Home Assistant.

- [reTerminal E10xx Works with TRMNL](#)

Utilize the dedicated TRMNL framework for simplified development and rapid deployment.

Resources

- [SenseCraft HMI Documentation](#)
- [ESP32S3 Datasheet](#)
- [GitHub Repository](#)

Tech Support & Product Discussion

Thank you for choosing our products! We are here to provide you with different support to ensure that your experience with our products is as smooth as possible. We offer several communication channels to cater to different preferences and needs.



[✎ Edit this page](#)

Last updated on Jul 21, 2025 by Citric

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