



# **ORIENT DISPLAY**

## **MAKE THINGS POSSIBLE**

Sept 24<sup>th</sup>, 2025

**Dear Valued Customers:**

**Introducing Orient Display's New Product: [Arduino Compatible 3.5" TFT with and w/o Resistive Touch.](#)**

These displays are engineered for performance, flexibility, and ease of integration — ideal for your next embedded project. Whether you're building industrial equipment, handheld devices, or smart control panels, our 3.5" TFT modules provide the clarity, durability, and interface efficiency you need.



### **Key Features:**

- High-Speed 4-Wire SPI Interface: Reduces MCU GPIO usage while maintaining fast data transmission.
- Standard 3.3V Power Supply & 3.3V TTL Logic Level: Ensures broad compatibility with most microcontrollers.
- Integrated Backlight DC-DC Driver: Single-wire PWM control allows precise brightness adjustment.
- Ultra-Bright Display – 800 cd/m<sup>2</sup>: Perfect for outdoor visibility even in bright conditions.
- Flexible Mounting Options: Secure with pin headers or 4 screw holes, suitable for enclosure designs.
- IPS Full-Viewing Angle Technology: Delivers consistent and vibrant visuals from any angle.
- (For RTP Version) Onboard Resistive Touch Controller with I<sup>2</sup>C Interface: Saves GPIO and simplifies touch functionality integration.

Please contact us ([info@orientdisplay.com](mailto:info@orientdisplay.com) or [sales@orientdisplay.com](mailto:sales@orientdisplay.com)) for further information and questions.

Orient Display Team