

# FDI

# ELI

## 10.1" PCAP Touch Screen LCD Module for SBCs



Compatible  
With:



i.MX



## ELI101-CPW

- **Cost Effective Commercial Version**
- **10.1" LCD Panel with LED Backlight**
- **1280 x 800 (WXGA) with 800:1 Contrast Ratio**
- **Projected Capacitive Touchscreen (PCAP)**

## Features

- PCAP Touch Screen with USB Device Interface
- Plug and Play interface to standard SBCs
- HDMI Input
- +12V DC Input (typical)
- 240 nits Brightness (typical)
- 800:1 Contrast Ratio (typical)
- EDID Support for Automatic Screen Sizing
- 0° to +50° C operating temperature range
  - Franchised Distribution Stocking
- Part Number: ELI101-CPW

Available From:



## Specifications

- Screen Size (inches): 10.1
- Touch Screen Type: PCAP
- Display Technology: IPS a-Si TFT LCD
- Touch Screen Interface: USB Device
- Brightness (nits typ): 240
- Resolution: 1280 x 800 (WXGA)
- Contrast Ratio (typ): 800 : 1
- Aspect Ratio: Wide 16:10
- Colors: 16.7M (24 bit)
- Horizontal Viewing Angle: 85° / 85°
- Vertical Viewing Angle: 85° / 85°
- Surface Finish: Anti-glare
- Touch Panel Hardness: ≥7H
- Active Area (in mm) (W x H): 216.96 x 135.60
- Response Time (ms typ): 10 tr + rf
- Backlight Life (K hrs typ): 30
- EDID for Auto Screen Sizing: Yes
- Display Interface Input Mode: HDMI
- Input Voltage: 5.0-17.0 VDC (±5% tolerance)
- Power Consumption (mA typ/max): 450/550@12VDC
- Backlight Power Consumption up to 58% of Total
- USB Power Consumption (mA typ/max): 50/100 @5.0 VDC
- Operating Temperature: 0° to 50° C
- Storage Temperature: -20° to 60° C
- Mounting: 3M 300LSE tape or other 3M tape
- Plug & Play with Standard SBCs: Yes
- Size: 257.10 (W) x 159.66 (H) x 19.0 (D) mm
- Weight (grams typ): 368
- RoHS Compliant: Yes

See Mechanical and Mounting Info in the User's Manual

