

FDI

ELI[®]

12.1" Resistive Touch Screen LCD Module for SBCs



Compatible
With:



i.MX



ELI121-CRW

- Industry Standard Product Version
- 12.1" XGA LCD Panel with LED Backlight

Features

- 4-wire Resistive Touch Screen with USB Device Interface
- Plug and Play interface to standard SBCs
- HDMI or DVI Input
- +12 Volt DC Input Power ($\pm 5\%$ tolerance)
- 500 nits Brightness (typical)
- 700:1 Contrast Ratio (typical)
- EDID Support for Automatic Screen Sizing
- -30° to $+70^{\circ}$ C operating temperature range
- Franchised Distribution Stocking
- Part Number: ELI121-CRW

Available From:



Specifications

- Screen Size (inches): 12.1 inches
- Touch Screen Type: 4-Wire Resistive
- Display Technology: a-Si TFT LCD
- Touch Screen Interface: USB Device
- Brightness (nits typ): 500
- Resolution: 1024 x 768 (XGA)
- Contrast Ratio (typ): 700 : 1
- Aspect Ratio: Wide 4:3
- Colors: 16M (24 bit)
- Horizontal Viewing Angle (L/R): 80/80°
- Vertical Viewing Angle (U/D): 70/70°
- Surface Finish: Anti-glare
- Touch Panel Hardness: $\geq 3H$
- Active Area (in mm) (WxH): 245.76 x 184.32
- Touch Panel Force (gF max): 80
- Response Time (ms typ): 16 tr+tf
- Backlight: LED
- Backlight Life (K hrs min): 30K
- Backlight Power Consumption (mW typ): 4800
- EDID for Auto Screen Sizing: Yes
- Display Interface Input Mode: HDMI / DVI
- USB Power Consumption: Device
- Input VDC: 12
- Power Consumption mA typ/max: 690/1400
- Operating Temperature: -30° to 70° C
- Storage Temperature: -40° to 80° C
- Mounting: M2 screws in 4 corners (< 2.7 mm in housing)
- Plug & Play with Standard SBCs: Yes
- Size: 260.50 (W) x 204.00 (H) x 22.30 (D) mm
- Weight (grams typ): 736
- RoHS Compliant: Yes



www.TeamFDI.com
(256) 883-1240



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Rev 1.0 - 09/13/2016