



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# FDI

# ELI<sup>®</sup>

## 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
- $-30^{\circ}$  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:  $-30^{\circ}$  to  $70^{\circ}$  C
- Storage Temperature:  $-40^{\circ}$  to  $80^{\circ}$  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



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