

FDI

ELI

TM

4.3" Resistive Touch Screen LCD Module for SBCs



Compatible
With:



ELI43-CR

- **Cost Effective Commercial Version**
- **4.3" WQVGA LCD Panel with LED Backlight**
- **MSRP (Qty Volume): <\$60.00**
- **MSRP (Qty 1): \$74.00**

Features

- 4.3" WQVGA LCD Panel with LED Backlight
- 4-wire Resistive Touch Screen with USB Device Interface
- Cost Effective Commercial Version
- Plug and Play interface to standard SBCs
- HDMI or DVI Input
- +12 Volt DC Input Power ($\pm 5\%$ tolerance)
- 420 nits Brightness (typical)
- 500:1 Contrast Ratio (typical)
- EDID Support for Automatic Screen Sizing
- -20° to $+70^{\circ}$ C operating temperature range
- Franchised Distribution Stocking
- Part Number: ELI43-CR

Available From:



Specifications

- Screen Size (inches): 4.3 inches
- Touch Screen Type: 4-Wire Resistive
- Display Technology: a-Si TFT LCD
- Touch Screen Interface: USB Device (15mA typ)
- Brightness (nits typ): 420
- Resolution: 480 x 272 (WQVGA)
- Contrast Ratio (typ): 500 : 1
- Aspect Ratio: Wide 16:9
- Colors: 16M (24 bit)
- Vertical Viewing Angle (U/D): 70/50°
- Horizontal Viewing Angle (L/R): 70/70°
- Surface Finish: Anti-glare
- Touch Panel Hardness: $\geq 4H$
- Touch Panel Force (gF max): 80
- Active Area (in mm) (WxH): 95.04 x 53.86
- Response Time (ms typ): 24
- Backlight (# LEDs): 10 (5S x 2P)
- Backlight Life (K hrs min): 20K (typ)
- Backlight Power Consumption (mW typ): 600
- EDID for Auto Screen Sizing: Yes
- Display Interface Input Mode: HDMI / DVI
- USB Power Consumption mA Typ/Max: Device 14/25
- Input VDC: 12
- Power Consumption mA typ/max: 106/250
- Operating Temperature: -20° to 70° C
- Storage Temperature: -30° to 80° C
- Mounting: #4 screw in 4 corners
- Plug & Play with Standard SBCs: Yes
- Size: 116.84 (W) x 72.26 (H) x 18.31 (D) mm
- Weight (grams typ): 98
- RoHS Compliant: Yes



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