

FDI

ELI

10.1" High Bright PCAP Touch Screen LCD Module for SBCs



Compatible
With:



i.MX



ELI101-IPHW

- **High Bright Extended Temperature Version**
- **10.1" WXGA LCD Panel with LED Backlight**
- **MSRP (Qty Volume): \$400.00**
- **MSRP (Qty 1): \$475.00**

Features

- PCAP Touch Screen with USB Device Interface
- Plug and Play interface to standard SBCs
- HDMI Input
- +5 to +24 VDC Input
- 760 nits Brightness (typical)
- 1000:1 Contrast Ratio (typical)
- EDID Support for Automatic Screen Sizing
- -20° to +70° C operating temperature range
- Franchised Distribution Stocking
- Part Number: ELI101-IPHW
- Scratch Resistant 1.1mm Steel Glass

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): 760
- Resolution: 1280 x 800 (WXGA)
- Contrast Ratio (typ): 1000 : 1
- Aspect Ratio: Wide 16:9
- 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 ton, 15 toff
- Backlight Life (K hrs typ): 50
- EDID for Auto Screen Sizing: Yes
- Display Interface Input Mode: HDMI
- Input Voltage: 5-24 VDC (±5% tolerance)
- Power Consumption (mA typ/max): 550/650 @12 VDC
- Backlight Power Consumption up to 61% of Total
- USB Power Consumption: (mA typ/max): 50/100 @5.0 VDC
- Operating Temperature: -20° to 70° C
- Storage Temperature: -30° to 80° C
- Mounting: 3M 300LSE tape or other 3M tape
- Plug & Play with Standard SBCs: Yes
- Size: 251.2 (W) x 161.6 (H) x 19.0 (D) mm
- Weight (grams typ): 380
- RoHS Compliant: Yes

See Mechanical and Mounting Info in the User's Manual

