



Product Specifications

90LM150X1MEB0F

Overview

This Open Frame integrates AUO's 15" TFT LCD Panel and Promate's F-Series Driver Board in a reliable Mechanical Enclosure. It simplifies the design processes related to different aspects of creating a Display Solution and is suitable for a broad range of Industrial Applications.

Features

- Designed for Easy Integration
- Wide Range of Video Modes Supported
- Rigid Mechanical Structure
- Optional Mounting Methods

Open Frame Product Specifications

Display Specifications	
Diagonal	15inch(381mm)
Optional Resolution	1024 x 768 (XGA)
Aspect Ratio	4 : 3
Display Active Area	Width: 304mm (12") Height: 228mm (9")
Supported Colors	262k colors (RGB 6-bits)
Response Time	16milliseconds
Viewing Angle	40 Up 60 Down 60 Left 60 Right
Brightness	1000nits
Contrast Ratio	500 : 1
Backlight Lamp Type	LED
Backlight Lamp Life	10,000 Hours
Video Specifications	
Input Format	Analog VGA, DVI
Input Signal Connector	D-Sub 15Pin, DVI-D
Power Specifications	
Power Supply	External AC Adapter
Input Connector	DC-Jack 2.5φ
Input Voltage	12Volts DC±0.6V
Input Current	1.8Amps (Typical)
Power Consumption	22Watts (Typical) Under 1Watts (Standby)
Power Protection	Fuse fitted
OSD Specifications	
User Controls	S1: Power Button S2: Auto Button S3: Right Button S4: Menu Button S5: Left Button
User Settings	Brightness, Contrast, Dimming, Sharpness, H/V Position, Auto Adjust, Auto Color, Color Temperature, Setup, VGA / DVI, Information
Others	
Speakers	2Channel x 2W (Optional)

Video Modes

Supported Resolutions	Refresh Rate
1280 x 1024	60Hz, 75Hz
1152 x 900	66Hz, 76Hz
1024 x 768	60Hz, 70Hz, 75Hz
800 x 600	60Hz, 72Hz, 75Hz
720 x 400	70Hz
640 x 480	60Hz, 72Hz, 75Hz
640 x 350	70Hz

Environmental Specifications

Reliability	Criteria
Operating Temperature	-20°C ~ 50°Celsius (-4°F ~ 122°Fahrenheit)
Storage Temperature	-20°C ~ 60°Celsius (-4°F ~ 140°Fahrenheit)
Operating Humidity	20% ~ 80% Relative Humidity
Storage Humidity	10% ~ 90% Relative Humidity

Physical Specifications

Actual	
Enclosure Color	Gray
Overall Dimensions	Width: 345mm (13.6") Height: 254mm (10") Depth: 43mm (1.7")
Actual Weight	2.2 Kilograms (4.9 Pounds)
Mounting Options	Mounting Brackets

Other Specifications

Feature	Specification
Certifications	RoHS
MTBF	10,000 Hours
Warranty	1 Year

