

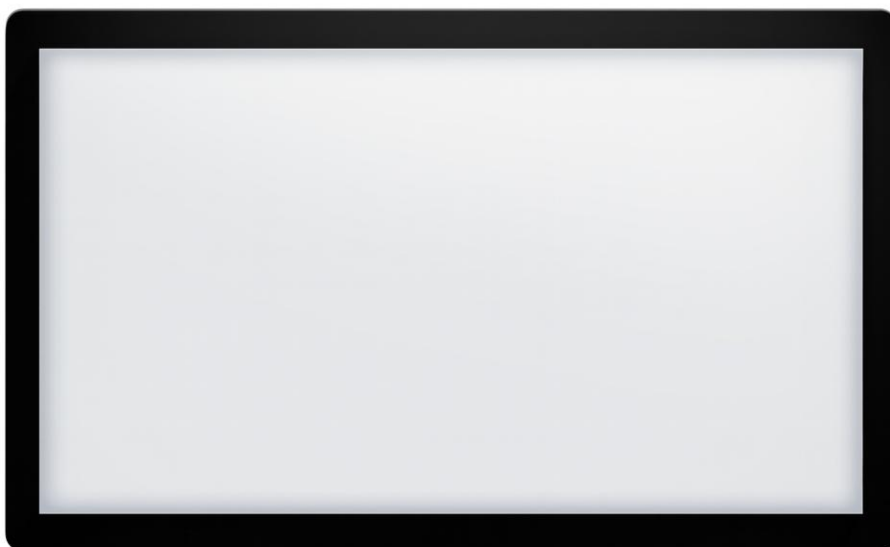
# SLM-MN270M-E

27" LCD Module with Bezel

## Features

- Operating Temperature:  $-20^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$
- Storage Temperature:  $-30^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Optical Bonding: EMI Mesh with Optical Bonding
- LED Life Time: 50,000 Hours (Min)
- EMI/EMC Is Designed to Meet ML-STD-461E/F
- Shock Is Designed to Meet MIL-STD-810D
- Vibration Is Designed to Meet MIL-STD-810E

## Appearance





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## Revision Table

Date	Revision	Content	By
2025/2/27	0.1	New Datasheet Update	Mark

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## Specification

LCD Panel	
LCD Size	27-inch TFT
Backlight	LED
Resolution	1920 x 1080
Interface	LVDS
View Angle	± 89° (H), ±89° (V)
Luminance	1000 nits (after Bonding)
Contrast Ratio	3000:1
Aspect Ratio	16:9
Response Time	20 ms
No. of color	16.7 M
Active Area	597.6 x 336.15 mm
Pixel Pitch	311.25 (Per One Triad) x 311.25 μm
LED Life time	50,000 Hr
EMI Mesh	Yes
Optical Bonding	Yes
Cover Glass	AR/AG Strengthen Glass

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## Environment Compliance

Operating Temp.	-20°C to +55°
Storage Temp.	-30°C to +70°
Humidity	Operating: 90%, @ 60°C Non-Condensing
Shock	Design to Meet MIL-STD810D
Vibration	Design to Meet MIL-STD810E
EMI/EMC	Design to Meet MIL-STD461E/F

Environmental performance may vary according to the integration method or final integration scenario.

## Deliverables

1	27" LCD Module with Bezel
2	ACT-C0001 : LVDS Cable
3	ACT-C0003 : 2* LED Driver Board
4	ACT-C0002 : LED Driver Board Cable

## Ordering Information

Model Name	Description	Unit
SLM-MN270M-E	27" LCD Module with Bezel	1

### Disclaimer

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