

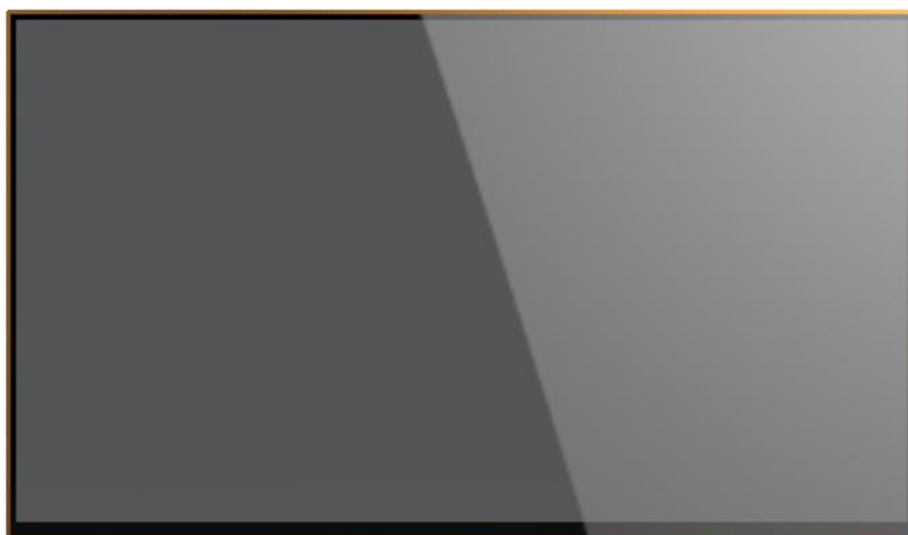
SLM-MN270M-E

27" LCD Module with Bezel

Features

- Operating Temperature: -20°C To +55°C
- Storage Temperature: -30°C To +70°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





SLM-MN270M-E

27" LCD Module with Bezel

Revision Table

Date	Revision	Content	By
2025/2/27	0.1	New datasheet update	Mark

SLM-MN270M-E

27" LCD Module with Bezel

Specification

LCD Panel	
LCD Size	27 inch TFT
Backlight	LED
Resolution	1920 x 1080
Interface	LVDS
View Angle	$\pm 89^{\circ}$ (H), $\pm 89^{\circ}$ (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 μ m
LED Life time	50,000 Hr
EMI Mesh	Yes
Optical Bonding	Yes
Cover Glass	AR/AG Strengthen Glass



SLM-MN270M-E

27" LCD Module with Bezel

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

This datasheet is for informational purposes only and does not constitute professional advice, a contractual obligation, or a guarantee of any kind. While efforts have been made to ensure accuracy, ACT POWER TAIWAN makes no representations or warranties, express or implied, regarding its completeness or reliability. ACT POWER TAIWAN reserves the right to update, modify, or withdraw this document at any time without prior notice. Users should verify the suitability of the product for their specific application through independent testing and validation. ACT POWER TAIWAN shall not be liable for any direct, indirect, or consequential damages arising from the use of this document.