



Innovative Visual Experience

Mini-LED Monitor

Vivid Colors, superior contrast, and remarkable clarity offer a sense of dynamic motion in the image compared to traditional LCD monitors.

High Resolution & High Brightness

High Dynamic Range (HDR) with over 1000+ local dimming, DCI-P3 color coverage of over 98%, and a high contrast ratio with peak brightness exceeding 1000 nits.

Reduced Halo Effect

Reducing motion blur, ensuring clear and accurate picture quality, and enhancing visual displays for an improved viewing experience.



Mini-LED specification (Module)

Panel	LB315WR4-SJA1	LM270WR8-SSE1	GK173VB-01B	GK133VB-01A
Screen Size	31.5"	27"	17.3"	13.3"
Active Area	TBD	596.736mm(H) x 335.664mm(V)	381.888mm(H) x 1214.812mm(V)	293.76mm(H) x 165.24mm(V)
Aspect Ratio	16:9	16:9	16:9	16:9
Native Resolution	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)	3840 x 2160 (UHD)
Brightness	TBD	750 cd/m ² (Center 1p, Typ.) / 1250nit (Max)	1300 cd/m ² (5p, Avg.)	1300 cd/m ² (5p, Avg.)
Local Dimming	2304 Blocks	1560 Blocks	1440 Blocks	960 Blocks
Viewing Angle	178° x 178° (H x V)	178° x 178° (H x V)	160° x 160° (H x V)	160° x 160° (H x V)
Color	1.07 B, 10 Bit (8Bit+A-FRC) - DCI 98%	1.07 B, 10 Bit (8Bit+A-FRC) - DCI 99.5%	DCI-P3 104%	DCI-P3 100%
Response Time	4ms (G to G)	4ms (G to G)	35ms (Max, Tr+Tf)	35ms (Max, Tr+Tf)
Refresh Rate	144Hz	144Hz	60Hz	60Hz
Contrast Ratio	1000:1 (HDR1000)	1000:1 (HDR1000)	1100:1 (12000:1 with Local Dimming)	1100:1 (12000:1 with Local Dimming)
Surface Treatment	TBD	ATW - Anti-Glare (Haze 25%, 3H)	HC	HC
Use Life (min.)	30,000 Hours	30,000 Hours	30,000 Hours	30,000 Hours
Orientation	Landscape or Portrait	Landscape or Portrait	Landscape or Portrait	Landscape or Portrait
Power Consumption	TBD	TBD	33.385W / cell 2.9W (Max)	30.366W / cell 2.12W (Max)
Interface	eDP	eDP	eDP	eDP
Operation Temp.	0°C ~ 50°C	0°C ~ 50°C	-20°C ~ 70°C	-20°C ~ 70°C
Front Bezel	Case Top	Flush Design	Case Top	Case Top
Maker	LG Display	LG Display	Innolux	Innolux
Mass Production	'24. Q4	'24. Q3	'24. Q4	'24. Q3