



LG 86UL3J-N Signage Display Digital signage flat panel 2.18 m (86") LCD Wi-Fi 330 cd/m² 4K Ultra HD Blue WebOS 16/7

Brand : LG

Product code: 86UL3J-N

Product name : 86UL3J-N

- Brightness(Typ.) : 330 nits
- Resolution : ULTRA HD (3,840 x 2,160)
- webOS-based High Performance
- Built-in Speaker
- Compatible with LG's One:Quick Share
- Compatible with AV Control Systems

86" Ultra HD 3840 x 2160 ADS, 330nit, 120Hz, webOS 6.0, Wi-Fi, HDMI, RS-232C, USB, RJ45, 1927 x 1104 x 59.9 mm, 45.2 kg, Ashed Blue

LG 86UL3J-N. Product design: Digital signage flat panel. Display diagonal: 2.18 m (86"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 330 cd/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 16/7. Operating system installed: WebOS. Product colour: Blue



Display		Performance	
Panel type	ADS	Digital signal format system	Not supported
LED backlight	✓	On Screen Display (OSD)	✓
LED backlighting type	Direct-LED	Ambient light sensor	✓
Display diagonal *	2.18 m (86")	Operating hours (hours/days)	16/7
Display technology *	LCD	HDCP	✓
Display resolution *	3840 x 2160 pixels	HDCP version	1.4/2.2
Display brightness *	330 cd/m ²	Power	
HD type *	4K Ultra HD	Power consumption (standby) *	0.5 W
Touchscreen *	✗	Power consumption (off)	0.5 W
Native aspect ratio	16:9	Energy efficiency class (SDR)	Not available
Response time	8 ms	AC input voltage	100 - 240 V
Contrast ratio (typical)	1400:1	AC input frequency	50/60 Hz
Contrast ratio (dynamic)	1000000:1	Heat dissipation	751 BTU/h
Viewing angle, horizontal	178°	Computer system	
Viewing angle, vertical	178°	Internal memory	16 GB
Display number of colours	1.07 billion colours	Operating system installed	WebOS
Panel life	30000 h	Operating system version	webOS 6.0
Native refresh rate	120 Hz	Weight & dimensions	
Haze rate	1%	Display width	1927 mm
RGB colour space	DCI-P3	Display depth	59.9 mm
Ports & interfaces		Display height	1104 mm
HDMI ports quantity *	3	Display weight	45.2 kg
HDMI version	2.2/1.4	Packaging data	
USB port *	✓	Package width	2115 mm
USB ports quantity	1	Package depth	228 mm
USB version	2.0	Package height	1215 mm
Ethernet LAN *	✓	Package weight	57.7 kg
Ethernet LAN (RJ-45) ports	1	Packaging content	
Wi-Fi *	✓	Remote control included	✓
RS-232C	✓	Batteries included	✓
PC Audio out	✓	Cables included	Power
Audio			
Built-in speaker(s) *	✓		

Design		Operational conditions	
Product design *	Digital signage flat panel	Operating temperature (T-T)	0 - 40 °C
Placement supported *	Indoor	Operating relative humidity (H-H)	10 - 80%
Colour name	Ashed Blue	Features	
Orientation	Horizontal	Heat dissipation (max)	1024 BTU/h
Product colour *	Blue	Technical details	
Screen shape	Flat	Warranty period	2 year(s)
VESA mounting *	✓	Other features	
Panel mounting interface	600 x 400 mm	Backlight type	Direct LED
Performance		Built-in microphone	✗
Purpose *	Commercial	Height adjustment	✗
		Built-in camera	✗



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