



LG 49UM5N-H Digital signage flat panel 124.5 cm (49") LCD Wi-Fi 500 cd/m² 4K Ultra HD Black Web OS 24/7

Brand : LG

Product code: 49UM5N-H.AEU

Product name : 49UM5N-H



- Resolution : 3,840 x 2,160 (UHD)
- Brightness (Typ.) : 500 nit
- Surface Treatement (Haze) : 28 %
- Bezel : 12.4 mm (T/B), 11.4 mm (R/L)
- Interface : HDMI(3) / DP / USB 2.0 / RS232C / RJ45 / Audio / IR
- webOS Smart Platform

49", 4K UHD (3840 x 2160), IPS, 500 nit, 8 ms, IP5X, SoC, Wi-Fi, PIP, PBP, Pro:Idiom, Beacon, Control Manager, SuperSign CMS, webOS 6.0

LG 49UM5N-H. Product design: Digital signage flat panel. Display diagonal: 124.5 cm (49"), Display technology: LCD, Display resolution: 3840 x 2160 pixels, Display brightness: 500 cd/m², HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Web OS. Product colour: Black



Display		Design	
Panel type	IPS	Bezel width (top)	1.24 cm
LED backlight	✓	Performance	
LED backlighting type	Direct-LED	Purpose *	Universal
Display diagonal *	124.5 cm (49")	Picture-in-Picture	✓
Display technology *	LCD	On Screen Display (OSD)	✓
Display resolution *	3840 x 2160 pixels	Operating hours (hours/days)	24/7
Display brightness *	500 cd/m ²	HDCP	✓
HD type *	4K Ultra HD	Automatic brightness control	✓
Touchscreen *	✗	International Protection (IP) code	IP5X
Native aspect ratio	16:9	HDCP version	1.4/2.2/2.3
Response time	8 ms	Power	
Contrast ratio (typical)	1100:1	Power consumption (typical) *	120 W
Contrast ratio (dynamic)	1000000:1	Power consumption (standby) *	0.5 W
Viewing angle, horizontal	178°	Power consumption (max)	160 W
Viewing angle, vertical	178°	AC input voltage	100-240 V
Display number of colours	1.07 billion colours	AC input frequency	50-60 Hz
Panel life	50000 h	Computer system	
Colour depth	10 bit	Computer system *	✓
Native refresh rate	60 Hz	Computer system type	System on Chip (SoC)
Haze rate	28%	Internal memory	16 GB
Colour gamut	95%	Operating system installed	Web OS
Ports & interfaces		Operating system version	6.0
HDMI ports quantity *	4	Weight & dimensions	
HDMI input ports quantity	3	Display width	1102 mm
HDMI output ports quantity	1	Display depth	57.7 mm
DVI port *	✗	Display height	634 mm
DisplayPorts quantity *	1	Display weight	11.4 kg
USB port *	✓	Packaging data	
USB ports quantity	1	Package width	1215 mm
USB version	2.0	Package depth	152 mm
USB connector type	USB Type-A	Package height	736 mm
Ethernet LAN *	✓	Package weight	14.4 kg
Ethernet LAN (RJ-45) ports	1	Packaging content	
Wi-Fi *	✓	Remote control included	✓
RS-232C	✓	Batteries included	✓
Remote (IR) input	1	Cables included	AC, Phone
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%
Orientation	Horizontal/Vertical	Technical details	
Product colour *	Black	Real Time Clock (RTC)	✓
VESA mounting *	✓	Other features	
Panel mounting interface	300 x 300 mm	Audio output	1
Bezel width (bottom)	1.24 cm	Power consumption (PowerSave)	84 W
Bezel width (side)	1.14 cm	Plug and Play	✓



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