



# LG 86UH5J-H Signage Display Digital signage flat panel 2.18 m (86") IPS Wi-Fi 500 cd/m<sup>2</sup> 4K Ultra HD Black Web OS 24/7



**Brand :** LG

**Product code:** 86UH5J-H

**Product name :** 86UH5J-H

- Brightness(Typ.) : 500 cd/m<sup>2</sup>
  - Surface Treatment (Haze) : 28%
  - Bezel : 14.3 mm (Even bezel)
  - Depth : 60.6 mm
  - Interface : HDMI(3)/ DP/ DVI-D/ USB 2.0/ RS232C/ RJ45/ Audio/ IR
  - Built-in Speaker
- New High Haze UHD Standard Signage 86", 500 cd/m<sup>2</sup>, HDMI(3)/ DP/ DVI-D/ USB 2.0/ RS232C/ RJ45/ Audio/ IR

LG 86UH5J-H. Product design: Digital signage flat panel. Display diagonal: 2.18 m (86"), Display technology: IPS, Display resolution: 3840 x 2160 pixels, Display brightness: 500 cd/m<sup>2</sup>, HD type: 4K Ultra HD. Wi-Fi. Operating hours (hours/days): 24/7. Operating system installed: Web OS. Product colour: Black

Display		Design	
LED backlighting type	Edge-LED	Bezel width (bottom)	1.43 cm
Display diagonal *	2.18 m (86")	Bezel width (side)	1.43 cm
Display technology *	IPS	Bezel width (top)	1.43 cm
Display resolution *	3840 x 2160 pixels	<b>Performance</b>	
Display brightness *	500 cd/m <sup>2</sup>	Purpose *	Commercial
HD type *	4K Ultra HD	On Screen Display (OSD)	✓
Touchscreen *	✗	On Screen Display (OSD) languages	Arabic, Simplified Chinese, Traditional Chinese, Czech, Danish, German, Dutch, English, Spanish, Finnish, French, Greek, Italian, Japanese, Korean, Norwegian, Portuguese, Russian, Swedish, Turkish
Native aspect ratio	16:9	Ambient light sensor	✓
Response time	8 ms	Operating hours (hours/days)	24/7
Contrast ratio (typical)	1100:1	HDCP	✓
Contrast ratio (dynamic)	1000000:1	International Protection (IP) code	IP5X
Viewing angle, horizontal	178°	HDCP version	1.4/2.2
Viewing angle, vertical	178°	<b>Power</b>	
Display number of colours	1.07 billion colours	Power consumption (typical) *	215 W
Panel life	50000 h	Power consumption (sleep)	0.5 W
Native refresh rate	120 Hz	Power consumption (off)	0.5 W
Haze rate	28%	AC input voltage	100 - 240 V
RGB colour space	NTSC	AC input frequency	50-60 Hz
<b>Ports &amp; interfaces</b>		Heat dissipation	733.69 BTU/h
HDMI ports quantity *	3	<b>Computer system</b>	
HDMI version	2.2/1.4	Internal memory	16 GB
DVI port *	✓	Operating system installed	Web OS
DVI-D ports quantity	1	<b>Weight &amp; dimensions</b>	
DisplayPorts quantity *	1	Display width	1926.2 mm
USB port *	✓	Display depth	60.6 mm
USB ports quantity	1	Display height	1097.2 mm
USB version	2.0	Display weight	49 kg
Ethernet LAN *	✓	<b>Packaging data</b>	
Ethernet LAN (RJ-45) ports	1	Package width	2073 mm
Wi-Fi *	✓	Package depth	285 mm
Audio (L/R) in	1	Package height	1250 mm
Audio (L/R) out	1	Package weight	72.5 kg
RS-232C	✓		
Infrared data port	✓		
Remote (IR) input	1		
<b>Audio</b>			
Built-in speaker(s) *	✓		

Design		Packaging content	
Product design *	Digital signage flat panel	Remote control included	✓
Placement supported *	Indoor	Batteries included	✓
Orientation	Horizontal/Vertical	Cables included	AC
Product colour *	Black	<b>Operational conditions</b>	
VESA mounting *	✓	Operating temperature (T-T)	0 - 40 °C
Panel mounting interface	600 x 400 mm	Operating relative humidity (H-H)	10 - 80%
		<b>Features</b>	
		Heat dissipation (max)	955.5 BTU/h



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