



LG OLED evo AI OLED55G51LW TV 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Black



Brand : LG

Product family: OLED evo AI

Product code: OLED55G51LW

Product name :
OLED55G51LW

LG OLED evo AI OLED55G51LW. Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED evo, Screen shape: Flat. Smart TV. Motion interpolation technology: OLED Motion, Response time: 0.1 ms, Native aspect ratio: 16:9. Digital signal format system: DVB-S2, DVB-C, DVB-T, DVB-T2, DVB-S. Wi-Fi, Ethernet LAN. Product colour: Black

Display		Performance	
Display diagonal *	139.7 cm (55")	WiSA Ready	✓
HD type *	4K Ultra HD	Multi View	✓
Display technology *	OLED evo	Smartphone/tablet remote support	✓
Screen shape *	Flat	USB recording	✓
Native aspect ratio *	16:9	Ports & interfaces	
Automatic brightness control	✓	PC in (D-Sub) *	✗
Response time	0.1 ms	Ethernet LAN (RJ-45) ports	1
Motion interpolation technology *	OLED Motion	USB 2.0 ports quantity *	3
Native refresh rate	120 Hz	Digital audio optical out	1
Display refresh rates supported	165 Hz	RF ports quantity	2
Display resolution *	3840 x 2160 pixels	RF connector type	F, IEC
Display diagonal (metric)	139 cm	Common interface (CI) *	✓
TV tuner		HDMI ports quantity *	4
Tuner type *	Analog & digital	Consumer Electronics Control (CEC)	SimpLink
Digital signal format system *	DVB-S2, DVB-C, DVB-T, DVB-T2, DVB-S	Management features	
Auto channel search	✓	Voice control	✓
Smart TV		Works with the Google Assistant	✓
Smart TV *	✓	Works with Apple Siri	✓
Internet TV *	✓	Power	
Operating system installed *	WebOS	Power consumption (standby) *	0.5 W
Operating system version	25	Energy efficiency class (SDR) *	E
Apple AirPlay 2 support	✓	Energy efficiency class (HDR) *	G
Audio		Energy consumption (SDR) per 1000 hours *	63.9 kWh
RMS rated power *	60 W	Energy consumption (HDR) per 1000 hours *	171 kWh
Audio output channels	4.2 channels	AC input voltage	100 - 240 V
Built-in subwoofer	✓	AC input frequency	50/60 Hz
Audio decoders	Dolby Atmos, Dolby Digital	Energy efficiency scale	A to G
Sound modes	AI Acoustic Tuning, AI Sound Pro, Clear Voice Pro	Power supply type	Internal
TV Sound Mode Share	✓		
Enhanced Audio Return Channel (eARC)	✓		

Network		Brand-specific features	
Wi-Fi *	✓	LG technologies (AV/TV)	AI Super Upscaling 4K, Bluetooth Surround Ready, Dynamic Tone Mapping Pro, LG Channels, LG Sound Sync, Magic Remote Control, ThinQ™, WOW Orchestra
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n)		
Bluetooth *	✓		
Bluetooth version	5.3		
Ethernet LAN *	✓		
Web browser	✓		
Design		Weight & dimensions	
Product colour *	Black	Width (with stand)	1222 mm
VESA mounting *	✓	Depth (with stand)	263 mm
Panel mounting interface	300 x 200 mm	Height (with stand)	787 mm
Introduction year	2025	Weight (with stand)	22.1 kg
Performance		Width (without stand)	1222 mm
High Dynamic Range (HDR) technology	Dynamic Tone Mapping PRO, Filmmaker Mode, High Dynamic Range 10 (HDR10), Dolby Vision, Hybrid Log-Gamma (HLG)	Depth (without stand)	27.2 mm
Audio formats supported	MP2, AAC, MP3, HE-AAC, WMA, AC3, AC4, apt-X, EAC3, PCM	Height (without stand)	703 mm
AI Upscale	✓	Weight (without stand)	16.8 kg
Backlight dimming technology	Pixel Dimming	Stand width	48.5 cm
Picture processing technology	LG AI Picture Pro	Stand depth	26.3 cm
Picture processor	α11 4K AI	Packaging data	
High Dynamic Range (HDR) supported *	✓	Package width	1360 mm
AMD FreeSync	✓	Package depth	172 mm
AMD FreeSync type	FreeSync Premium	Package height	810 mm
NVIDIA G-SYNC	✓	Package weight	27.1 kg
NVIDIA G-SYNC type	G-SYNC	Packaging content	
Game features	4K HFR (High Frame Rate), Auto Low Latency Mode (ALLM), Game Dashboard, HGiG, Variable Refresh Rate (VRR)	Mounting kit	✓
		Mounting kit type	Wall mount
		Cables included	AC
		Remote control included	✓
		Remote control type	Magic Remote MR25GA
		Other features	
		Warranty period	5 year(s)



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