



LG OLED evo AI OLED55C51LA TV 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Black



Brand : LG

Product family: OLED evo AI

Product code: OLED55C51LA

Product name : OLED55C51LA

LG OLED evo AI OLED55C51LA. 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-C, DVB-S, DVB-S2, DVB-T, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black

Display		Performance	
Display diagonal *	139.7 cm (55")	NVIDIA G-SYNC	✓
HD type *	4K Ultra HD	NVIDIA G-SYNC type	G-SYNC
Display technology *	OLED evo		4K HFR (High Frame Rate), Auto Low Latency Mode (ALLM), Game Dashboard, HGiG, Variable Refresh Rate (VRR)
LED backlight	✓	Game features	
Screen shape *	Flat		
Native aspect ratio *	16:9	Multi View	✓
Response time	0.1 ms	Smartphone/tablet remote support	✓
Motion interpolation technology *	OLED Motion	USB recording	✓
Native refresh rate	120 Hz		
Display refresh rates supported	144 Hz	Ports & interfaces	
Display resolution *	3840 x 2160 pixels	PC in (D-Sub) *	✗
Display diagonal (metric)	139 cm	Ethernet LAN (RJ-45) ports	1
TV tuner		USB 2.0 ports quantity *	3
Tuner type *	Analog & digital	Digital audio optical out	1
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2	RF ports quantity	2
Number of tuners	1 tuner(s)	RF connector type	F, IEC
Auto channel search	✓	Common interface (CI) *	✓
Smart TV		HDMI ports quantity *	4
Smart TV *	✓	Consumer Electronics Control (CEC)	SimpLink
Internet TV *	✓	Management features	
Operating system installed *	WebOS	Voice control	✓
Operating system version	25	Works with the Google Assistant	✓
Apple AirPlay 2 support	✓	Works with Apple Siri	✓
Audio		Power	
RMS rated power *	40 W	Power consumption (standby) *	0.5 W
Audio output channels	2.2 channels	Energy efficiency class (SDR) *	F
Audio decoders	Dolby Atmos, Dolby Digital	Energy efficiency class (HDR) *	G
Sound modes	AI Acoustic Tuning, AI Sound Pro, Clear Voice Pro	Energy consumption (SDR) per 1000 hours *	77 kWh
TV Sound Mode Share	✓	Energy consumption (HDR) per 1000 hours *	191 kWh
Enhanced Audio Return Channel (eARC)	✓	AC input voltage	100 - 240 V
		AC input frequency	50/60 Hz
		Energy efficiency scale	A to G

Network		Brand-specific features	
Wi-Fi *	✓	LG technologies (AV/TV)	AI Super Upscaling 4K, Bluetooth Surround Ready, LG Channels, LG Sound Sync, Magic Remote Control, ThinQ™, WOW Orchestra
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)		
Bluetooth *	✓		
Bluetooth version	5.3		
Ethernet LAN *	✓		
Web browser	✓	Weight & dimensions	
Design		Width (with stand)	1222 mm
Product colour *	Black	Depth (with stand)	230 mm
VESA mounting *	✓	Height (with stand)	757 mm
Panel mounting interface	300 x 200 mm	Weight (with stand)	16 kg
Introduction year	2025	Width (without stand)	1222 mm
Stand type	Center stand	Depth (without stand)	45.1 mm
Performance		Height (without stand)	703 mm
High Dynamic Range (HDR) technology	Dolby Vision, Dynamic Tone Mapping PRO, Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Weight (without stand)	14.1 kg
Game mode	✓	Stand width	47 cm
Audio formats supported	AAC, AC3, AC4, EAC3, HE-AAC, MP2, MP3, PCM, WMA, apt-X	Stand depth	23 cm
AI Upscale	✓	Packaging data	
Backlight dimming technology	Pixel Dimming	Package width	1360 mm
Picture processing technology	LG AI Picture Pro	Package depth	187 mm
Picture processor	α9 Gen 8 AI Processor 4K	Package height	810 mm
High Dynamic Range (HDR) supported *	✓	Package weight	21.3 kg
AMD FreeSync	✓	Packaging content	
AMD FreeSync type	FreeSync Premium	Cables included	AC
		Remote control included	✓
		Remote control type	Magic Remote MR25GA
		Other features	
		Warranty period	5 year(s)



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