



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

Display diagonal *	139.7 cm (55")
HD type *	4K Ultra HD
Display technology *	OLED evo
LED backlight	✓
Screen shape *	Flat
Native aspect ratio *	16:9
Automatic brightness control	✓
Response time	0.1 ms
Motion interpolation technology *	OLED Motion
Native refresh rate	120 Hz
Display refresh rates supported	144 Hz
Display resolution *	3840 x 2160 pixels
Display diagonal (metric)	139 cm

TV tuner

Tuner type *	Analog & digital
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2
Number of tuners	1 tuner(s)
Auto channel search	✓

Smart TV

Smart TV *	✓
Internet TV *	✓
Operating system installed *	WebOS
Operating system version	25
Apple AirPlay 2 support	✓

Audio

RMS rated power *	40 W
Audio output channels	2.2 channels
Audio decoders	Dolby Atmos, Dolby Digital
Sound modes	AI Acoustic Tuning, AI Sound Pro, Clear Voice Pro
TV Sound Mode Share	✓
Enhanced Audio Return Channel (eARC)	✓

Performance

NVIDIA G-SYNC	✓
NVIDIA G-SYNC type	G-SYNC
Game features	4K HFR (High Frame Rate), Auto Low Latency Mode (ALLM), Game Dashboard, HGiG, Variable Refresh Rate (VRR)
Multi View	✓
Smartphone/tablet remote support	✓
USB recording	✓

Ports & interfaces

PC in (D-Sub) *	✗
Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	3
Digital audio optical out	1
RF ports quantity	2
RF connector type	F, IEC
Common interface (CI) *	✓
HDMI ports quantity *	4
Consumer Electronics Control (CEC)	SimpLink

Management features

Voice control	✓
Works with the Google Assistant	✓
Works with Apple Siri	✓

Power

Power consumption (standby) *	0.5 W
Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	77.4 kWh
Energy consumption (HDR) per 1000 hours *	191 kWh
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz
Energy efficiency scale	A to G
Power supply type	Internal

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	Weight & dimensions	
Ethernet LAN *	✓	Width (with stand)	1222 mm
Web browser	✓	Depth (with stand)	230 mm
Design		Height (with stand)	757 mm
Product colour *	Black	Weight (with stand)	16 kg
VESA mounting *	✓	Width (without stand)	1222 mm
Panel mounting interface	300 x 200 mm	Depth (without stand)	45.1 mm
Introduction year	2025	Height (without stand)	703 mm
Stand type	Center stand	Weight (without stand)	14.1 kg
Performance		Stand width	47 cm
		Stand depth	23 cm
		Packaging data	
High Dynamic Range (HDR) technology	Dolby Vision, Dynamic Tone Mapping PRO, Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Package width	1360 mm
Game mode	✓	Package depth	187 mm
Audio formats supported	AAC, AC3, AC4, EAC3, HE-AAC, MP2, MP3, PCM, WMA, apt-X	Package height	810 mm
AI Upscale	✓	Package weight	21.3 kg
Backlight dimming technology	Pixel Dimming	Packaging content	
Picture processing technology	LG AI Picture Pro	Cables included	AC
Picture processor	α9 Gen 8 AI Processor 4K	Remote control included	✓
High Dynamic Range (HDR) supported *	✓	Remote control type	Magic Remote MR25GA
AMD FreeSync	✓	Other features	
AMD FreeSync type	FreeSync Premium	Warranty period	5 year(s)



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