



LG OLED evo AI OLED48C51LA TV 121.9 cm (48") 4K Ultra HD Smart TV Wi-Fi Black



Brand : LG

Product family: OLED evo AI

Product code: OLED48C51LA

Product name : OLED48C51LA

LG OLED evo AI OLED48C51LA. Display diagonal: 121.9 cm (48"), 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 *	121.9 cm (48")	NVIDIA G-SYNC	✓
HD type *	4K Ultra HD	NVIDIA G-SYNC type	G-SYNC
Display technology *	OLED evo	Game features	4K HFR (High Frame Rate), Auto Low Latency Mode (ALLM), Game Dashboard, HGiG, Variable Refresh Rate (VRR)
LED backlight	✓		
Screen shape *	Flat		
Native aspect ratio *	16:9	Multi View	✓
Automatic brightness control	✓	Smartphone/tablet remote support	✓
Response time	0.1 ms	USB recording	✓
Motion interpolation technology *	OLED Motion	Ports & interfaces	
Native refresh rate	120 Hz	PC in (D-Sub) *	✗
Display refresh rates supported	144 Hz	Ethernet LAN (RJ-45) ports	1
Display resolution *	3840 x 2160 pixels	USB 2.0 ports quantity *	3
Display diagonal (metric)	121 cm	Digital audio optical out	1
TV tuner		RF ports quantity	2
Tuner type *	Analog & digital	RF connector type	F, IEC
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2	Common interface (CI) *	✓
Number of tuners	1 tuner(s)	HDMI ports quantity *	4
Auto channel search	✓	Consumer Electronics Control (CEC)	SimpLink
Smart TV		Management features	
Smart TV *	✓	Voice control	✓
Internet TV *	✓	Works with the Google Assistant	✓
Operating system installed *	WebOS	Works with Apple Siri	✓
Operating system version	25	Power	
Apple AirPlay 2 support	✓	Power consumption (standby) *	0.5 W
Audio		Energy efficiency class (SDR) *	G
RMS rated power *	40 W	Energy efficiency class (HDR) *	G
Audio output channels	2.2 channels	Energy consumption (SDR) per 1000 hours *	63.9 kWh
Audio decoders	Dolby Atmos, Dolby Digital	Energy consumption (HDR) per 1000 hours *	115 kWh
Sound modes	AI Acoustic Tuning, AI Sound Pro, Clear Voice Pro	AC input voltage	100 - 240 V
TV Sound Mode Share	✓	AC input frequency	50/60 Hz
Enhanced Audio Return Channel (eARC)	✓	Energy efficiency scale	A to G

Network		Power	
Wi-Fi *	✓	Power supply type	Internal
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Brand-specific features	
Bluetooth *	✓	LG technologies (AV/TV)	AI Super Upscaling 4K, Bluetooth Surround Ready, LG Channels, LG Sound Sync, Magic Remote Control, ThinQ™, WOW Orchestra
Bluetooth version	5.3		
Ethernet LAN *	✓	Weight & dimensions	
Web browser	✓	Width (with stand)	1071 mm
Design		Depth (with stand)	230 mm
Product colour *	Black	Height (with stand)	675 mm
VESA mounting *	✓	Weight (with stand)	16.8 kg
Panel mounting interface	300 x 200 mm	Width (without stand)	1071 mm
Introduction year	2025	Depth (without stand)	46.9 mm
Stand type	Center stand	Height (without stand)	618 mm
Performance		Weight (without stand)	14.9 kg
High Dynamic Range (HDR) technology	Dolby Vision, Dynamic Tone Mapping PRO, Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Stand width	47 cm
Game mode	✓	Stand depth	23 cm
Audio formats supported	AAC, AC3, AC4, EAC3, HE-AAC, MP2, MP3, PCM, WMA, apt-X	Packaging data	
AI Upscale	✓	Package width	1373 mm
Backlight dimming technology	Pixel Dimming	Package depth	162 mm
Picture processing technology	LG AI Picture Pro	Package height	735 mm
Picture processor	α9 Gen 8 AI Processor 4K	Package weight	20.5 kg
High Dynamic Range (HDR) supported *	✓	Packaging content	
AMD FreeSync	✓	Cables included	AC
AMD FreeSync type	FreeSync Premium	Remote control included	✓
		Remote control type	Magic Remote MR25GA
		Other features	
		Warranty period	5 year(s)



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