



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	✓
Response time	0.1 ms	Smartphone/tablet remote support	✓
Motion interpolation technology *	OLED Motion	USB recording	✓
Native refresh rate	120 Hz	Ports & interfaces	
Display refresh rates supported	144 Hz	PC in (D-Sub) *	✗
Display resolution *	3840 x 2160 pixels	Ethernet LAN (RJ-45) ports	1
Display diagonal (metric)	121 cm	USB 2.0 ports quantity *	3
TV tuner		Digital audio optical out	1
Tuner type *	Analog & digital	RF ports quantity	2
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2	RF connector type	F, IEC
Number of tuners	1 tuner(s)	Common interface (CI) *	✓
Auto channel search	✓	HDMI ports quantity *	4
Smart TV		Consumer Electronics Control (CEC)	SimpLink
Smart TV *	✓	Management features	
Internet TV *	✓	Voice control	✓
Operating system installed *	WebOS	Works with the Google Assistant	✓
Operating system version	25	Works with Apple Siri	✓
Apple AirPlay 2 support	✓	Power	
Audio		Power consumption (standby) *	0.5 W
RMS rated power *	40 W	Energy efficiency class (SDR) *	G
Audio output channels	2.2 channels	Energy efficiency class (HDR) *	G
Audio decoders	Dolby Atmos, Dolby Digital	Energy consumption (SDR) per 1000 hours *	64 kWh
Sound modes	AI Acoustic Tuning, AI Sound Pro, Clear Voice Pro	Energy consumption (HDR) per 1000 hours *	115 kWh
TV Sound Mode Share	✓	AC input voltage	100 - 240 V
Enhanced Audio Return Channel (eARC)	✓	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	✓		
Design		Weight & dimensions	
Product colour *	Black	Width (with stand)	1071 mm
VESA mounting *	✓	Depth (with stand)	230 mm
Panel mounting interface	300 x 200 mm	Height (with stand)	675 mm
Introduction year	2025	Weight (with stand)	16.8 kg
Stand type	Center stand	Width (without stand)	1071 mm
Performance	Dolby Vision, Dynamic Tone Mapping PRO, Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Depth (without stand)	46.9 mm
		Height (without stand)	618 mm
		Weight (without stand)	14.9 kg
		Stand width	47 cm
		Stand depth	23 cm
		Packaging data	
High Dynamic Range (HDR) technology	✓	Package width	1373 mm
Game mode		Package depth	162 mm
Audio formats supported		Package height	735 mm
AI Upscale		Package weight	20.5 kg
		Packaging content	
Backlight dimming technology	Pixel Dimming	Cables included	AC
Picture processing technology	LG AI Picture Pro	Remote control included	✓
Picture processor	α9 Gen 8 AI Processor 4K	Remote control type	Magic Remote MR25GA
		Other features	
High Dynamic Range (HDR) supported *	✓	Warranty period	5 year(s)
AMD FreeSync	✓		
AMD FreeSync type	FreeSync Premium		



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