



LG OLED evo AI OLED77C51LA TV 195.6 cm (77") 4K Ultra HD Smart TV Wi-Fi Black



Brand : LG

Product family: OLED evo AI

Product code: OLED77C51LA

Product name : OLED77C51LA

LG OLED evo AI OLED77C51LA. Display diagonal: 195.6 cm (77"), 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 *	195.6 cm (77")	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		
Display resolution *	3840 x 2160 pixels		
Display diagonal (metric)	195 cm		
TV tuner		Ports & interfaces	
Tuner type *	Analog & digital	PC in (D-Sub) *	✗
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2	Ethernet LAN (RJ-45) ports	1
Number of tuners	1 tuner(s)	USB 2.0 ports quantity *	3
Auto channel search	✓	Digital audio optical out	1
Smart TV		RF ports quantity	2
Smart TV *	✓	RF connector type	F, IEC
Internet TV *	✓	Common interface (CI) *	✓
Operating system installed *	WebOS	HDMI ports quantity *	4
Operating system version	25	Consumer Electronics Control (CEC)	SimpLink
Apple AirPlay 2 support	✓		
Audio		Management features	
RMS rated power *	40 W	Voice control	✓
Audio output channels	2.2 channels	Works with the Google Assistant	✓
Audio decoders	Dolby Atmos, Dolby Digital	Works with Apple Siri	✓
Sound modes	AI Acoustic Tuning, AI Sound Pro, Clear Voice Pro		
TV Sound Mode Share	✓		
Enhanced Audio Return Channel (eARC)	✓		
		Power	
		Power consumption (standby) *	0.5 W
		Energy efficiency class (SDR) *	F
		Energy efficiency class (HDR) *	G
		Energy consumption (SDR) per 1000 hours *	125 kWh
		Energy consumption (HDR) per 1000 hours *	326 kWh
		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)	1711 mm
Product colour *	Black	Depth (with stand)	267 mm
VESA mounting *	✓	Height (with stand)	1035 mm
Panel mounting interface	300 x 200 mm	Weight (with stand)	27.1 kg
Introduction year	2025	Width (without stand)	1711 mm
Stand type	Center stand	Depth (without stand)	47.1 mm
Performance		Height (without stand)	982 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)	23.5 kg
Game mode	✓	Stand width	52 cm
Audio formats supported	AAC, AC3, AC4, EAC3, HE-AAC, MP2, MP3, PCM, WMA, apt-X	Stand depth	26.7 cm
AI Upscale	✓	Packaging data	
Backlight dimming technology	Pixel Dimming	Package width	1879 mm
Picture processing technology	LG AI Picture Pro	Package depth	228 mm
Picture processor	α9 Gen 8 AI Processor 4K	Package height	1130 mm
High Dynamic Range (HDR) supported *	✓	Package weight	38.5 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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