



LG OLED evo AI OLED65C51LA TV 165.1 cm (65") 4K Ultra HD Smart TV Wi-Fi Black



Brand : LG

Product family: OLED evo AI

Product code: OLED65C51LA

Product name : OLED65C51LA

LG OLED evo AI OLED65C51LA. Display diagonal: 165.1 cm (65"), 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 *	165.1 cm (65")	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	Multi View	✓
Native aspect ratio *	16:9	Smartphone/tablet remote support	✓
Automatic brightness control	✓	USB recording	✓
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)	164 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
		RF ports quantity	2
		RF connector type	F, IEC
		Common interface (CI) *	✓
		HDMI ports quantity *	4
		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		
Apple AirPlay 2 support	✓		
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 *	95.4 kWh
TV Sound Mode Share	✓	Energy consumption (HDR) per 1000 hours *	234 kWh
Enhanced Audio Return Channel (eARC)	✓	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		
Ethernet LAN *	✓		
Web browser	✓	Weight & dimensions	
Design		Width (with stand)	1441 mm
Product colour *	Black	Depth (with stand)	230 mm
VESA mounting *	✓	Height (with stand)	880 mm
Panel mounting interface	300 x 200 mm	Weight (with stand)	18.5 kg
Introduction year	2025	Width (without stand)	1441 mm
Stand type	Center stand	Depth (without stand)	45.1 mm
Performance		Height (without stand)	826 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)	16.6 kg
		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	1600 mm
Backlight dimming technology	Pixel Dimming	Package depth	200 mm
Picture processing technology	LG AI Picture Pro	Package height	950 mm
Picture processor	α9 Gen 8 AI Processor 4K	Package weight	26.4 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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