



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		
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)	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
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 *	95 kWh
		Energy consumption (HDR) per 1000 hours *	234 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	✓		
Design		Weight & dimensions	
Product colour *	Black	Width (with stand)	1441 mm
VESA mounting *	✓	Depth (with stand)	230 mm
Panel mounting interface	300 x 200 mm	Height (with stand)	880 mm
Introduction year	2025	Weight (with stand)	18.5 kg
Stand type	Center stand	Width (without stand)	1441 mm
Performance	Dolby Vision, Dynamic Tone Mapping PRO, Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Depth (without stand)	45.1 mm
		Height (without stand)	826 mm
		Weight (without stand)	16.6 kg
		Stand width	47 cm
		Stand depth	23 cm
		Packaging data	
High Dynamic Range (HDR) technology	✓	Package width	1600 mm
Game mode		Package depth	200 mm
Audio formats supported		Package height	950 mm
AI Upscale		Package weight	26.4 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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