



LG OLED evo AI 65 Inch C5 4K Smart TV

Brand : LG

Product family: OLED evo AI

Product code:
OLED65C54LA.AEU

Product name : 65 Inch OLED
evo AI C5 4K Smart TV



- 4K picture quality, upscaled visual and surround sound from the alpha 9 AI Processor Gen8
 - True black levels in every pixel create stunning contrast, depth, and detail
 - 100% Colour Fidelity for accurate lifelike colours. 100% Colour Volume for richer hues
 - Brighter visuals from the new light boosting algorithm of Brightness Booster
 - New AI button, voice controls, drag and drop functions on the AI Magic Remote
- 65", 4K Ultra HD (3840 x 2160), OLED, 120 Hz, 0.1 ms, α9 AI Processor 4K Gen8, Dolby Vision, G-Sync / FreeSync, 2.2 40 W, Dolby Atmos, webOS 25, F/G
- LG OLED evo AI 65 Inch C5 4K Smart TV. 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

65"



Display		Performance	
Display diagonal *	165.1 cm (65")	High Dynamic Range (HDR) supported *	✓
HD type *	4K Ultra HD	AMD FreeSync	✓
Display technology *	OLED evo	AMD FreeSync type	FreeSync Premium
Screen shape *	Flat	NVIDIA G-SYNC	✓
Native aspect ratio *	16:9	Game features	Auto Low Latency Mode (ALLM), Game Dashboard, HGiG, Variable Refresh Rate (VRR)
Response time	0.1 ms	Multi View	✓
Motion interpolation technology *	OLED Motion	Smartphone/tablet remote support	✓
Native refresh rate	120 Hz	USB recording	✓
Display refresh rates supported	144 Hz		
Display resolution *	3840 x 2160 pixels		
Display diagonal (metric)	163.9 cm		
TV tuner		Ports & interfaces	
Tuner type *	Analog & digital	Ethernet LAN (RJ-45) ports	1
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Number of tuners	1 tuner(s)	Digital audio optical out	1
Auto channel search	✓	RF ports quantity	2
Smart TV		RF connector type	F, IEC
Smart TV *	✓	Common interface (CI) *	✓
Internet TV *	✓	HDMI ports quantity *	4
Operating system installed *	WebOS	Consumer Electronics Control (CEC)	SimpLink
Operating system version	25		
Apple AirPlay 2 support	✓		
Audio		Management features	
RMS rated power *	40 W	On/Off timer	✓
Audio output channels	2.2 channels		
Built-in subwoofer	✓		
Audio decoders	Dolby Atmos, Dolby Digital		
Sound modes	AI Acoustic Tuning, AI Sound Pro, Clear Voice Pro		
TV Sound Mode Share	✓		
		Power	
		Power consumption (standby) *	0.5 W
		Energy efficiency class (SDR) *	F
		Energy efficiency class (HDR) *	G
		Energy consumption (SDR) per 1000 hours *	95.4 kWh
		Energy consumption (HDR) per 1000 hours *	234 kWh
		AC input voltage	100 - 240 V

Audio		Power	
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)	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	Weight & dimensions	
Ethernet LAN *	✓	Width (with stand)	1441 mm
Web browser	✓	Depth (with stand)	230 mm
Design		Height (with stand)	880 mm
Product colour *	Black	Weight (with stand)	18.5 kg
VESA mounting *	✓	Width (without stand)	1441 mm
Panel mounting interface	300 x 200 mm	Depth (without stand)	45.1 mm
Introduction year	2025	Height (without stand)	826 mm
Stand type	Center stand	Weight (without stand)	16.6 kg
Stand colour	Grey	Stand width	47 cm
Performance		Stand depth	23 cm
High Dynamic Range (HDR) technology	Dolby Vision, Dynamic Tone Mapping PRO, Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Packaging data	
		Package width	1600 mm
		Package depth	200 mm
		Package height	950 mm
Audio formats supported	AAC, AC3, AC4, EAC3, HE-AAC, MP2, MP3, PCM, WMA, apt-X	Package weight	26.4 kg
AI Upscale	✓	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	Other features	
		Warranty period	5 year(s)



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