



LG OLED AI TV OLED 48B68LA 121.9 cm (48") 4K Ultra HD Smart TV Wi-Fi Black

Brand : LG

Product family: OLED AI

Product code:
OLED48B68LA.AEUD

Product name : TV OLED
48B68LA

LG OLED AI TV OLED 48B68LA. Display diagonal: 121.9 cm (48"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED, Screen shape: Flat. Smart TV. Native aspect ratio: 16:9. Digital signal format system: DVB-T2, DVB-S2, DVB-C. Wi-Fi, Ethernet LAN. Product colour: Black



Display		Performance	
Display diagonal *	121.9 cm (48")	Smartphone/tablet remote support	✓
HD type *	4K Ultra HD	USB recording	✓
Display technology *	OLED	Ports & interfaces	
Screen shape *	Flat	HDMI version	2.1
Native aspect ratio *	16:9	Ethernet LAN (RJ-45) ports	1
Native refresh rate	120 Hz	USB 2.0 ports quantity *	1
Display refresh rates supported	120 Hz, 165 Hz	Digital audio optical out	1
Display resolution *	3840 x 2160 pixels	Headphone outputs	1
Display diagonal (metric)	121 cm	Common interface (CI) *	✓
TV tuner		HDMI ports quantity *	4
Digital signal format system *	DVB-T2, DVB-S2, DVB-C	Consumer Electronics Control (CEC)	SimpLink
Smart TV		Management features	
Smart TV *	✓	Voice control	✓
Operating system installed *	WebOS	Electronic Programme Guide (EPG)	✓
Operating system version	26	On Screen Display (OSD)	✓
Timeshift	✓	Number of OSD languages	38
Apple AirPlay 2 support	✓	On Screen Display (OSD) languages	German, English
Hybrid Broadcast Broadband TV (HbbTV)	✓	Works with Amazon Alexa	✓
Smart modes	Filmmaker	Works with the Google Assistant	✓
Audio		Power	
RMS rated power *	20 W	Power consumption (standby) *	0.5 W
Audio output channels	2.0 channels	Energy efficiency class (SDR) *	G
Audio decoders	Dolby Atmos	Energy efficiency class (HDR) *	G
Speaker direction	Down firing	Energy consumption (SDR) per 1000 hours *	62 kWh
Enhanced Audio Return Channel (eARC)	✓	Energy consumption (HDR) per 1000 hours *	106 kWh
Network		AC input voltage	100 - 240 V
Wi-Fi *	✓	AC input frequency	50/60 Hz
Wi-Fi standards	Wi-Fi 6E (802.11ax), Wi-Fi 6 (802.11ax), Wi-Fi 5 (802.11ac), 802.11g, Wi-Fi 4 (802.11n), 802.11b, 802.11a	Energy saving mode	✓
Bluetooth *	✓	Energy efficiency scale	A to G
Bluetooth version	5.3	Certificates	
		Compliance certificates	RoHS

Network		Brand-specific features	
Ethernet LAN *	✓	LG technologies (AV/TV)	AI Super Upscaling 4K, AI Brightness Control, OLED Motion, WOW Orchestra, WOW Interface, AI Sound Pro, AI Magic Remote, Brightness Booster, ThinQ™, Dynamic Tone Mapping Pro
Design			
Product colour *	Black		
VESA mounting *	✓		
Panel mounting interface	300 x 200 mm		
Frameless design	✓	Weight & dimensions	
Introduction year	2026	Width (with stand)	1070 mm
Stand type	Center stand	Depth (with stand)	218 mm
Performance		Height (with stand)	688 mm
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG), Dolby Vision	Weight (with stand)	11.7 kg
		Width (without stand)	1070 mm
Game mode	✓	Depth (without stand)	45.9 mm
AI Upscale	✓	Height (without stand)	620 mm
Backlight dimming technology	Pixel Dimming	Weight (without stand)	11.5 kg
Picture processing technology	LG AI Picture	Packaging data	
Picture processor	α8 Gen 3 AI Processor 4K	Package width	1280 mm
High Dynamic Range (HDR) supported *	✓	Package depth	152 mm
AMD FreeSync	✓	Package height	735 mm
AMD FreeSync type	FreeSync Premium	Package weight	14.9 kg
NVIDIA G-SYNC	✓	Packaging content	
NVIDIA G-SYNC type	G-SYNC	Desktop stand	✓
Game features	Auto Low Latency Mode (ALLM), Variable Refresh Rate (VRR), HGiG, Game Dashboard	Remote control type	MR26GA
		Smart Remote included	✓
Multi View	✓		



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