



LG OLED77B46LA.AEK TV 195.6 cm (77") 4K Ultra HD Smart TV Wi-Fi Black

Brand : LG

Product code: OLED77B46LA.AEK

Product name : OLED77B46LA.AEK

- 4K OLED technology with self-lit pixels for perfect contrast and 100% colour accuracy
- Intelligent $\alpha 8$ processor with AI Super Upscaling
- Smart webOS platform with Freeview Play, Netflix, Disney+ and more, plus supreme connectivity
- Dolby Vision with Filmmaker mode for true-to-cinema pictures
- Responsive gaming – advanced features for next-gen consoles

LG OLED B4 77" 4K Smart TV, 2024

LG OLED77B46LA.AEK. 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")	High Dynamic Range (HDR) supported *	✓
HD type *	4K Ultra HD	Multi-screen	✓
Display technology *	OLED evo	AMD FreeSync	✓
LED backlight	✗	AMD FreeSync type	FreeSync Premium
Screen shape *	Flat	NVIDIA G-SYNC	✓
Native aspect ratio *	16:9	NVIDIA G-SYNC type	G-SYNC Compatible
Response time	0.1 ms	Game features	Auto Low Latency Mode (ALLM),
Motion interpolation technology *	OLED Motion		Game Dashboard, Game Optimizer,
Native refresh rate	120 Hz		HGiG, NVIDIA GeForce Now, Utomik,
Display resolution *	3840 x 2160 pixels		Variable Refresh Rate (VRR)
TV tuner		Ports & interfaces	
Tuner type *	Analog & digital	WiSA Ready	✓
Analog signal format system *	PAL	4K Ultra HD upscaling	✓
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2	Child lock	✓
Number of tuners	1 tuner(s)	USB recording	✓
Smart TV		Management features	
Smart TV *	✓	HDMI version	2.1
Internet TV *	✓	Audio Return Channel (ARC)	✓
Operating system installed *	WebOS	USB 2.0 ports quantity *	2
Operating system version	24	Digital audio optical out	1
Timeshift	✓	HDMI ports quantity *	4
Screen mirroring	✓		
Video on Demand (VOD) support	✓		
Apple AirPlay 2 support	✓		
Hybrid Broadcast Broadband TV (HbbTV)	✓		
		Voice control	✓
		Electronic Programme Guide (EPG)	✓
		Programming period	8 day(s)
		Sleep timer	✓
		Works with Amazon Alexa	✓

Smart TV		Management features	
Smart modes	Cinema, Eco, Filmmaker, Game, Sports, Standard, Vivid	Works with the Google Assistant	✓
Far-field voice interaction	✗	Power	
Video apps	All 4, Amazon Prime Video, Apple TV, BBC iPlayer, Chili, DAZN, Disney+, Freeview Play, ITV X, My5, NOW TV, Netflix, Paramount+, Rakuten TV, Twitch, UKTV Play, YouTube	Power consumption (typical) *	122 W
		Power consumption (standby) *	0.5 W
		Energy efficiency class (SDR) *	F
		Energy efficiency class (HDR) *	G
Music apps	Amazon Music, Apple Music, BBC Sounds, Spotify, Tidal	Energy consumption (SDR) per 1000 hours *	122 kWh
Sports apps	DAZN	Energy consumption (HDR) per 1000 hours *	221 kWh
Audio		Weight & dimensions	
Number of speakers *	2	Width (with stand)	1719 mm
RMS rated power *	20 W	Depth (with stand)	319 mm
Audio output channels	2.0 channels	Height (with stand)	1057 mm
Audio decoders	Dolby Atmos	Weight (with stand)	23.5 kg
Sound modes	AI Acoustic Tuning, AI Sound Pro, Clear Voice Pro	Width (without stand)	1719 mm
Speaker direction	Down firing	Depth (without stand)	50.9 mm
TV Sound Mode Share	✓	Height (without stand)	989 mm
Enhanced Audio Return Channel (eARC)	✓	Weight (without stand)	22.9 kg
Network		Stand width	140.3 cm
Wi-Fi *	✓	Stand depth	31.9 cm
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Packaging data	
Bluetooth *	✓	Package width	1839 mm
Bluetooth version	5.1	Package depth	200 mm
Ethernet LAN *	✓	Package height	1130 mm
Miracast	✓	Package weight	33.5 kg
Browsing	✓	Package type	Box
Web browser	✓	Packaging content	
Design		Desktop stand	✓
Product colour *	Black	Mounting kit	✗
VESA mounting *	✓	Remote control included	✓
Panel mounting interface	300 x 200 mm	Remote control type	Magic Remote
Performance		E-manual	✓
High Dynamic Range (HDR) technology	Dolby Vision, High Dynamic Range 10 Pro (HDR10 Pro), Hybrid Log-Gamma (HLG)	Logistics data	
Game mode	✓	Products per pallet layer	6 pc(s)
Teletext function	✓	Products per pallet	32 pc(s)
Subtitles function	✓	Layers per pallet	2 pc(s)
Ambient light sensor	✓	Other features	
AI Upscale	✓	Country of origin	Poland
Backlight dimming technology	Pixel Dimming		



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