LG OLED AI OLED77B6ELC 195.6 cm (77") 4K Ultra HD Smart TV Wi-Fi Brown



Brand : LG

Product family: OLED AI

Product code: OLED77B6ELC.AEU

Product name : OLED77B6ELC

LG OLED AI OLED77B6ELC. Display diagonal: 195.6 cm (77"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: OLED, 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-T, DVB-T2, DVB-S, DVB-S2, DVB-C. Wi-Fi, Ethernet LAN. Product colour: Brown



Display	
Display diagonal *	195.6 cm (77")
HD type *	4K Ultra HD
Display technology *	OLED
Screen shape *	Flat
Native aspect ratio *	16:9
Response time	0.1 ms
Motion interpolation technology *	OLED Motion
Native refresh rate	120 Hz
Display refresh rates supported	120 Hz
Display resolution *	3840 x 2160 pixels
Display diagonal (metric)	195 cm

TV tuner	
Tuner type *	Analog & digital
Digital signal format system *	DVB-T, DVB-T2, DVB-S, DVB-S2, DVB-C

Smart TV	
Smart TV *	✔
Internet TV *	✔
Operating system installed *	WebOS
Operating system version	26
Apple AirPlay 2 support	✔
Built-in Chromecast	✔
Video apps	Netflix, NOW TV, Amazon Prime Video, YouTube, DAZN, Disney+, Rakuten TV, Apple TV, RaiPlay

Audio	
Number of speakers *	2
RMS rated power *	20 W
Audio output channels	2.0 channels
Built-in subwoofer	✘
Audio decoders	Dolby Digital, Dolby Atmos
Enhanced Audio Return Channel (eARC)	✔

Performance	
Smartphone/tablet remote support	✔
USB recording	✘
DVD player	✘

Ports & interfaces	
HDMI version	2.1
Audio Return Channel (ARC)	✔
PC in (D-Sub) *	✘
Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	1
Digital audio optical out	1
Common interface (CI) *	✔
Common interface Plus (CI+) *	✔
Common interface Plus (CI+) version	2.0
HDMI ports quantity *	4
Consumer Electronics Control (CEC)	SimpLink

Management features	
Voice control	✔
Electronic Programme Guide (EPG)	✔
Picture-in-Picture	✘
Hotel mode	✘
Basic hotel mode	✔
Works with Amazon Alexa	✔
Works with the Google Assistant	✔
Works with Samsung Bixby	✘
Works with Apple Siri	✔

Power	
Power consumption (standby) *	0.5 W
Energy efficiency class (SDR) *	E
Energy efficiency class (HDR) *	G

Network	
Wi-Fi *	✔
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Bluetooth *	✔
Bluetooth version	5.3
Ethernet LAN *	✔
Bluetooth profiles	A2DP
Web browser	✔

Design	
Product colour *	Brown
VESA mounting *	✔
Panel mounting interface	300 x 200 mm
Rollable display	✘
Frameless design	✔
Introduction year	2026
Stand type	Legs stand

Performance	
High Dynamic Range (HDR) technology	Dolby Vision, Filmmaker Mode, High Dynamic Range 10 Pro (HDR10 Pro), Hybrid Log-Gamma (HLG)
Game mode	✔
Video formats supported	HEVC/H.265, AV1, VP9
AI Upscale	✔
Backlight dimming technology	Pixel Dimming
Picture processor	α8 AI Processor 4K
High Dynamic Range (HDR) supported *	✔
AMD FreeSync	✔
AMD FreeSync type	FreeSync Premium
NVIDIA G-SYNC	✔
NVIDIA G-SYNC type	G-SYNC
Game features	Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM), Game Dashboard, Game Optimizer, HGiG
Multi View	✔
Parental control	✔

Power	
Energy consumption (SDR) per 1000 hours *	111 kWh
Energy consumption (HDR) per 1000 hours *	216 kWh

Brand-specific features	
LG technologies (AV/TV)	AI Picture Pro, WOW Orchestra, WOW Interface, AI Acoustic Tuning, AI Object Remastering Pro, Dynamic Tone Mapping Pro, α8 AI Processor 4K Gen3

Weight & dimensions	
Width (with stand)	1719 mm
Depth (with stand)	268 mm
Height (with stand)	1057 mm
Weight (with stand)	23.3 kg
Width (without stand)	1719 mm
Depth (without stand)	50.9 mm
Height (without stand)	989 mm
Weight (without stand)	22.9 kg
Stand width	139 cm
Stand depth	26.8 cm

Packaging data	
Package width	1839 mm
Package depth	200 mm
Package height	1130 mm
Package weight	33.3 kg

Packaging content	
Desktop stand	✔
Remote control included	✔
Remote control type	MR26GB
Soundbar included	✘

Other features	
Digital Living Network Alliance (DLNA) certified	✔
Warranty period	2 year(s)

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