



LG QNED evo AI 86QNED86A6A 2.18 m (86") 4K Ultra HD Smart TV Wi-Fi Black

Brand : LG

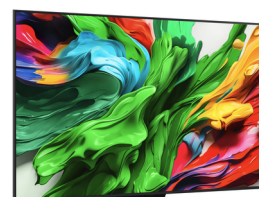
Product family: QNED evo AI

Product code:
86QNED86A6A.AEU

Product name : 86QNED86A6A



LG QNED evo AI 86QNED86A6A. Display diagonal: 2.18 m (86"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QNED MiniLED, Screen shape: Flat, LED backlighting type: Mini LED. Smart TV. Motion interpolation technology: Motion Pro, Native aspect ratio: 16:9. Digital signal format system: DVB-S, DVB-S2, DVB-T, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black



Display		Performance	
Display diagonal *	2.18 m (86")	AMD FreeSync type	FreeSync
HD type *	4K Ultra HD	Game features	Auto Low Latency Mode (ALLM), Game Optimizer, HGiG, Variable Refresh Rate (VRR)
Display technology *	QNED MiniLED	WiSA Ready	✓
LED backlight	✓	Multi View	✓
LED backlighting type	Mini LED	Smartphone/tablet remote support	✓
Screen shape *	Flat	DVD player	✗
Native aspect ratio *	16:9	Ports & interfaces	
Motion interpolation technology *	Motion Pro	HDMI version	2.1
Native refresh rate	120 Hz	Audio Return Channel (ARC)	✓
Display refresh rates supported	144 Hz	PC in (D-Sub) *	✗
Display resolution *	3840 x 2160 pixels	Ethernet LAN (RJ-45) ports	1
Display diagonal (metric)	217 cm	USB 2.0 ports quantity *	2
TV tuner		Digital audio optical out	1
Tuner type *	Analog & digital	RF ports quantity	2
Digital signal format system *	DVB-S, DVB-S2, DVB-T, DVB-T2	Common interface (CI) *	✓
Smart TV		Common interface Plus (CI+) *	✓
Smart TV *	✓	Common interface Plus (CI+) version	1.4
Internet TV *	✓	HDMI ports quantity *	4
Operating system installed *	WebOS	Consumer Electronics Control (CEC)	SimpLink
Operating system version	25	Management features	
Apple AirPlay 2 support	✓	Voice guide	✓
Hybrid Broadcast Broadband TV (HbbTV)	✓	Electronic Programme Guide (EPG)	✓
Audio		Programming period	8 day(s)
Number of speakers *	2	On Screen Display (OSD)	✓
RMS rated power *	20 W		
Audio output channels	2.0 channels		

Audio		Management features	
Built-in subwoofer	✗	Number of OSD languages	38
Audio decoders	Dolby Digital	Works with the Google Assistant	✓
Sound modes	AI Sound Pro, Clear Voice Pro		
Enhanced Audio Return Channel (eARC)	✓	Power	
Adaptive Sound Control (ASC)	✓	Power consumption (standby) *	0.5 W
Network		Energy efficiency class (SDR) *	D
Wi-Fi *	✓	Energy efficiency class (HDR) *	G
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Energy consumption (SDR) per 1000 hours *	104 kWh
Bluetooth *	✓	Energy consumption (HDR) per 1000 hours *	226 kWh
Bluetooth version	5.3	AC input voltage	100-240 V
Ethernet LAN *	✓	AC input frequency	50/60 Hz
Bluetooth profiles	A2DP	Energy saving mode	✓
Web browser	✓	Brand-specific features	
Design		AI Acoustic Tuning, AI Sound Pro, AI Super Upscaling 4K, Bluetooth Surround Ready, Dynamic Tone Mapping Pro, ThinQ™, WOW Orchestra	
Product colour *	Black	LG technologies (AV/TV)	
VESA mounting *	✓		
Panel mounting interface	600 x 400 mm	Weight & dimensions	
Frameless design	✓	Width (with stand)	1928 mm
Introduction year	2025	Depth (with stand)	370 mm
Stand type	Center stand	Height (with stand)	1190 mm
Performance		Weight (with stand)	58.2 kg
High Dynamic Range (HDR) technology	Dolby Vision, Dynamic Tone Mapping PRO, Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Width (without stand)	1928 mm
Game mode	✓	Depth (without stand)	30.9 mm
Teletext function	✓	Height (without stand)	1108 mm
Subtitles function	✓	Weight (without stand)	50 kg
Video formats supported	AV1, HEVC/H.265, VP9	Stand width	38 cm
AI Upscale	✓	Stand depth	37 cm
Backlight dimming technology	Local Dimming	Packaging data	
Picture processing technology	LG AI Picture Pro	Package width	2090 mm
Picture processor	α8 AI Processor 4K	Package depth	285 mm
High Dynamic Range (HDR) supported *	✓	Package height	1215 mm
Processor cores	4	Package weight	72.7 kg
AMD FreeSync	✓	Packaging content	
		Desktop stand	✓
		Cables included	AC
		Remote control included	✓



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