



LG QNED 86QNED80A3A TV 2.18 m (86") 4K Ultra HD Smart TV Wi-Fi Black

Brand : LG

Product family: QNED

Product code: 86QNED80A3A

Product name : 86QNED80A3A



LG QNED 86QNED80A3A. Display diagonal: 2.18 m (86"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: QNED, Screen shape: Flat, LED backlighting type: Edge-LED. Smart TV. 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 *	2.18 m (86")	High Dynamic Range (HDR) technology	Dynamic Tone Mapping, Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)
HD type *	4K Ultra HD	Audio formats supported	AAC, AC3, AC4, EAC3, HE-AAC, MP2, MP3, PCM, apt-X
Display technology *	QNED	AI Upscale	✓
LED backlight	✓	Backlight dimming technology	Local Dimming
LED backlighting type	Edge-LED	Picture processor	α7 Gen8 AI Processor 4K
Screen shape *	Flat	High Dynamic Range (HDR) supported *	✓
Native aspect ratio *	16:9	Game features	Auto Low Latency Mode (ALLM), Game Optimizer, HGiG, Variable Refresh Rate (VRR)
Automatic brightness control	✓	4K Ultra HD upscaling	✓
Native refresh rate	60 Hz	Multi View	✓
Display resolution *	3840 x 2160 pixels	Ports & interfaces	
Display diagonal (metric)	217.4 cm	PC in (D-Sub) *	✗
TV tuner		Ethernet LAN (RJ-45) ports	1
Tuner type *	Analog & digital	USB 2.0 ports quantity *	2
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2	Digital audio optical out	1
Smart TV		RF ports quantity	2
Smart TV *	✓	RF connector type	F, IEC
Internet TV *	✓	Common interface (CI) *	✓
Operating system installed *	WebOS	HDMI ports quantity *	3
Operating system version	25	Consumer Electronics Control (CEC)	SimpLink
Apple AirPlay 2 support	✓	Power	
Audio		Power consumption (standby) *	0.5 W
Number of speakers *	2	Energy efficiency class (SDR) *	E
RMS rated power *	20 W	Energy efficiency class (HDR) *	G
Audio output channels	2.0 channels	Energy consumption (SDR) per 1000 hours *	110 kWh
Audio decoders	Dolby Digital	Energy consumption (HDR) per 1000 hours *	222 kWh
Auto volume leveller	✓	AC input voltage	100 - 240 V
Enhanced Audio Return Channel (eARC)	✓	AC input frequency	50/60 Hz
Network		Energy efficiency scale	A to G
Wi-Fi *	✓		
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)		
Bluetooth *	✓		

Network		Power	
Bluetooth version	5.1	Power supply type	Internal
Ethernet LAN *	✓	Brand-specific features	
Web browser	✓	LG technologies (AV/TV)	AI Acoustic Tuning, AI Sound Pro, Bluetooth Surround Ready, LG Sound Sync, Magic Remote Control, ThinQ™, WOW Orchestra, Works With Apple HomeKit
Design			
Product colour *	Black	Packaging content	
VESA mounting *	✓	Cables included	AC
Panel mounting interface	200 x 200 mm	Remote control included	✓
Introduction year	2025	Remote control type	MR25GA / MR25GB (UK, Italy)
Stand type	Legs stand		



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