



LG QNED AI 50QNED82A6B 127 cm (50") 4K Ultra HD Smart TV Wi-Fi Black

Brand : LG

Product family: QNED AI

Product code:
50QNED82A6B.AEU

Product name : 50QNED82A6B

LG QNED AI 50QNED82A6B. Display diagonal: 127 cm (50"), 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-S2, DVB-T, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black



Display

Display diagonal *	127 cm (50")
HD type *	4K Ultra HD
Display technology *	QNED
LED backlight	✓
LED backlighting type	Edge-LED
Screen shape *	Flat
Native aspect ratio *	16:9
Native refresh rate	50 Hz
Display refresh rates supported	60 Hz
Display resolution *	3840 x 2160 pixels
Display diagonal (metric)	126 cm

TV tuner

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

Smart TV

Smart TV *	✓
Internet TV *	✓
Operating system installed *	WebOS
Operating system version	25
Apple AirPlay 2 support	✓

Audio

Number of speakers *	2
RMS rated power *	20 W
Audio output channels	2.0 channels
Built-in subwoofer	✗
Audio decoders	Dolby Digital
Sound modes	AI Sound Pro, Clear Voice Pro
TV Sound Mode Share	✓
Enhanced Audio Return Channel (eARC)	✓

Performance

DVD player	✗
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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
RF ports quantity	2
Common interface (CI) *	✓
Common interface Plus (CI+) *	✓
Common interface Plus (CI+) version	1.4
HDMI ports quantity *	3
Consumer Electronics Control (CEC)	SimpLink

Management features

Voice guide	✓
Electronic Programme Guide (EPG)	✓
Programming period	8 day(s)
On Screen Display (OSD)	✓
Number of OSD languages	38
Works with the Google Assistant	✓

Power

Power consumption (standby) *	0.5 W
Energy efficiency class (SDR) *	F
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	65 kWh
Energy consumption (HDR) per 1000 hours *	99 kWh
AC input voltage	100-240 V
AC input frequency	50/60 Hz

Network		Power	
Wi-Fi *	✓	Energy saving mode	✓
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Energy efficiency scale	A to G
Bluetooth *	✓	Brand-specific features	
Bluetooth version	5.0	LG technologies (AV/TV)	AI Acoustic Tuning, AI Sound Pro, AI Super Upscaling 4K, Bluetooth Surround Ready, Dynamic Tone Mapping Pro, LG Sound Sync, ThinQ™, WOW Orchestra, WebOS Smart TV
Ethernet LAN *	✓		
Bluetooth profiles	A2DP		
Web browser	✓		
Design		Weight & dimensions	
Product colour *	Black	Width (with stand)	1124 mm
VESA mounting *	✓	Depth (with stand)	257 mm
Panel mounting interface	200 x 200 mm	Height (with stand)	721 mm
Frameless design	✓	Weight (with stand)	12.6 kg
Introduction year	2025	Width (without stand)	1124 mm
Stand type	Legs stand	Depth (without stand)	49.9 mm
Performance		Height (without stand)	654 mm
High Dynamic Range (HDR) technology	Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Weight (without stand)	12.2 kg
Game mode	✓	Stand width	93.2 cm
Teletext function	✓	Stand depth	25.7 cm
Subtitles function	✓	Packaging data	
Video formats supported	AV1, HEVC/H.265, VP9	Package width	1215 mm
Backlight dimming technology	Local Dimming	Package depth	152 mm
High Dynamic Range (HDR) supported *	✓	Package height	760 mm
Processor cores	4	Package weight	15.6 kg
Game features	Auto Low Latency Mode (ALLM), Game Optimizer, HGiG, Variable Refresh Rate (VRR)	Packaging content	
Multi View	✓	Desktop stand	✓
Smartphone/tablet remote support	✓	Cables included	AC
		Remote control included	✓



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