



LG 50QNED816RE.AEK TV 127 cm (50") 4K Ultra HD Smart TV Wi-Fi

Brand : LG

Product code: 50QNED816RE.AEK

Product name : 50QNED816RE.AEK

- Quantum Dot NanoCell technology for richer & more accurate colours in 4K
- Intelligent $\alpha 7$ AI processor with AI Super Upscaling
- Super slim design with stylish stand
- webOS smart platform with Freeview Play, Netflix, Disney+ and more
- Smooth motion for a realistic sport viewing experience and advanced gaming

LG QNED QNED81 50" 4K Smart TV, 2023

LG 50QNED816RE.AEK. Display diagonal: 127 cm (50"), HD type: 4K Ultra HD, Display technology: QNED. Smart TV. Native aspect ratio: 16:9. Wi-Fi



Display		Power	
Display diagonal *	127 cm (50")	Energy efficiency class (SDR) *	E
HD type *	4K Ultra HD	Energy efficiency class (HDR) *	G
Display technology *	QNED	Energy consumption (SDR) per 1000 hours *	54 kWh
Native aspect ratio *	16:9	Energy consumption (HDR) per 1000 hours *	110 kWh
TV tuner		Power consumption (sleep)	0.5 W
Tuner type *	Analog & digital	Energy saving mode	✓
Auto channel search	✓	Energy efficiency scale	A to G
Smart TV		Technical details	
Smart TV *	✓	Sound technology	AI Sound Pro (Virtual 5.1.2 Up-mix)
Operating system installed *	Web OS	Processor	$\alpha 7$ AI Processor 4K Gen6
Operating system version	23	Weight & dimensions	
Screen mirroring	✓	Width (with stand)	1123 mm
Apple AirPlay 2 support	✓	Depth (with stand)	260 mm
Video apps	All 4, Amazon Prime Video, Apple TV, BBC iPlayer, BritBox, Chili, DAZN, Disney+, Freeview Play, ITV Hub, My5, NOW TV, Netflix, Rakuten TV, Twitch, YouTube	Height (with stand)	721 mm
		Weight (with stand)	16.8 kg
Music apps	Amazon Music, Apple Music, BBC Sounds, Deezer, Spotify, Tidal	Width (without stand)	1123 mm
		Depth (without stand)	29.7 mm
Sports apps	DAZN	Height (without stand)	652 mm
		Weight (without stand)	13 kg
Audio		Stand width	50 cm
Number of speakers *	2	Stand depth	26 cm
RMS rated power *	20 W	Packaging data	
Sound modes	AI Sound Pro, Clear Voice Pro	Screws included	✓
Enhanced Audio Return Channel (eARC)	✓	Quick installation guide	✓
Network		Quick start guide	✓
Wi-Fi *	✓	User guide	✓

Network		Packaging data	
Bluetooth *	✓	Manual	✓
Wi-Fi Direct	✗	Package width	1215 mm
Miracast	✓	Package depth	172 mm
Design		Package height	810 mm
VESA mounting *	✓	Package weight	20.2 kg
On/off switch	✗	Package type	Box
Stand type	Center stand	Packaging content	
Performance		Mounting kit	✗
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Cables included	AC
Game mode	✓	Remote control included	✓
Subtitles function	✓	Remote control type	Magic Remote
Dolby Vision	✗	Smart Remote included	✓
Ambient light sensor	✓	E-manual	✓
Backlight dimming technology	Local Dimming	Other features	
Picture processing technology	LG AI Picture Pro	Hybrid Log-Gamma (HLG)	✓
High Dynamic Range (HDR) supported *	✓	3D	✗
Dimming type	Local Dimming	Wall bracket	✗
Processor cores	4	Motion control	✗
Multi-screen	✓	Batteries included	✓
AMD FreeSync	✓	No gap wall-mount	✗
NVIDIA G-SYNC	✗	Near Field Communication (NFC)	✗
4K Ultra HD upscaling	✓	Apple HomeKit support	✓
Auto standby	✓	Cable management	✓
Parental control	✓	Built-in soundbar	✗
USB recording	✓	Twin tuner	✗
USB playback	✓	Instant Game Response	✓
DVD player	✗	One Connect port	✗
Ports & interfaces		Annual energy consumption	75.06 kWh
HDMI version	2.0/2.1	Aerial input	2
Audio Return Channel (ARC)	✓	DVB	DVB-T2/T, DVB-C, DVB-S2/S
Ethernet LAN (RJ-45) ports	1	Digital audio out	1
Digital audio optical out	1	HDMI	✓
RF ports quantity	2	Picture enhancement	AI Picture Pro
RF input	2	Auto digital tuning	✓
Common interface (CI) *	✓	Country of origin	South Korea
HDMI ports quantity *	4	Headphone connectivity	Bluetooth
Management features		Mains power	✓
Voice control	✓	Stand	Yes
Electronic Programme Guide (EPG)	✓	Picture mode	Vivid, Standard, Eco, Cinema, Sports, Game, Filmmaker, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room)
Picture-in-Picture	✓	Smart TV applications	BBC iPlayer, ITV Player, All 4, My5, UKTV, Explore Freeview Play, Britbox, STV Player, RTE Player, NOW TV, Netflix, Amazon Prime Video, Rakuten TV, Disney+, Apple TV, YouTube, YouTube Kids, Sky Store, Twitch, Paramount+, Pluto TV, Chili, DAZN, Lionsgate+, Geforce Now, Utomik, Blacknut, Sky News, Peloton, TikTok TV, BBC Sounds, Spotify, Apple Music, Amazon Music, Deezer, Tidal
ECO mode	✓	USB ports quantity	2
Auto power off	✓	Analogue tuner	✓
Sleep timer	✓	BRAVIA Sync	✗
On/Off timer	✓	DVB-T2 tuner	✓
Firmware upgradeable via	Auto upgrade wizard, Network, USB	S-Force Front Surround 3D	✗
Works with Amazon Alexa	✓	S-Master	✗
Works with the Google Assistant	✗	Stereo sound	Yes
Works with Samsung Bixby	✗	Surround modes	AI Sound Pro (Virtual 5.1.2 Up-mix)
Power		Wall mounting kit	✗
Power consumption (typical) *	54 W		
Power consumption (standby) *	0.5 W		

Other features

SmartFeatures

webOS UI, Quick Cards, Home Hub

App store

LG Content Store



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