



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. Smart TV. Native aspect ratio: 16:9. Wi-Fi



Display		Power	
Display diagonal *	127 cm (50")	Energy consumption (SDR) per 1000 hours *	54 kWh
HD type *	4K Ultra HD	Power consumption (typical) *	54 W
Native aspect ratio *	16:9	Energy consumption (HDR) per 1000 hours *	110 kWh
TV tuner		Power consumption (standby) *	0.5 W
Tuner type *	Analog & digital	Power consumption (sleep)	0.5 W
Auto channel search	✓	Energy saving mode	✓
Smart TV		Energy efficiency scale	A to G
Smart TV *	✓	Supplier features	
Operating system version	webOS	Country of origin	South Korea
Screen mirroring	✓	Technical details	
Apple AirPlay 2 support	✓	Sound technology	AI Sound Pro (Virtual 5.1.2 Up-mix)
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	Processor	$\alpha 7$ AI Processor 4K Gen6
Music apps	Amazon Music, Apple Music, BBC Sounds, Deezer, Spotify, Tidal	Weight & dimensions	
Sports apps	DAZN	Width (with stand)	1123 mm
Audio		Depth (with stand)	260 mm
Number of speakers *	2	Height (with stand)	721 mm
RMS rated power *	20 W	Weight (with stand)	16.8 kg
Sound modes	AI Sound Pro, Clear Voice Pro	Width (without stand)	112.3 mm
Enhanced Audio Return Channel (eARC)	✓	Depth (without stand)	2.97 cm
Network		Height (without stand)	65.2 cm
Wi-Fi *	✓	Weight (without stand)	13 kg
Wi-Fi Direct	✗	Stand width	50 cm
Bluetooth *	✓	Stand depth	26 cm
		Packaging data	
		Mounting kit	✗
		Cables included	AC

Network		Packaging data	
Miracast	✓	Remote control included	✓
Design		Remote control type	Magic Remote
On/off switch	✗	Smart Remote included	✓
VESA mounting *	✓	Screws included	✓
Stand type	Center stand	Quick installation guide	✓
Performance		Quick start guide	✓
High Dynamic Range (HDR) supported *	✓	User guide	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Manual	✓
Game mode	✓	E-manual	✓
Subtitles function	✓	Package width	1215 mm
Dolby Vision	✗	Package depth	172 mm
Ambient light sensor	✓	Package height	810 mm
Local dimming	✓	Package weight	20.2 kg
Picture processing technology	LG AI Picture Pro	Package type	Box
Dimming type	Local Dimming	Other features	
Processor cores	4	Hybrid Log-Gamma (HLG)	✓
Multi-screen	✓	3D	✗
AMD FreeSync	✓	Wall bracket	✗
NVIDIA G-SYNC	✗	Motion control	✗
4K Ultra HD upscaling	✓	Batteries included	✓
Auto standby	✓	No gap wall-mount	✗
Parental control	✓	Near Field Communication (NFC)	✗
USB recording *	✓	Apple HomeKit support	✓
USB playback	✓	Cable management	✓
DVD player	✗	Built-in soundbar	✗
Ports & interfaces		Twin tuner	✗
HDMI version	2.0/2.1	Instant Game Response	✓
Audio Return Channel (ARC)	✓	One Connect port	✗
Ethernet LAN (RJ-45) ports *	1	Annual energy consumption	75.06 kWh
Digital audio optical out	1	Aerial input	2
RF ports quantity	2	DVB	DVB-T2/T, DVB-C, DVB-S2/S
RF input	2	Digital audio out	1
Common interface (CI) *	✓	HDMI	✓
HDMI ports quantity *	4	Picture enhancement	AI Picture Pro
Management features		Auto digital tuning	✓
Voice control	✓	Headphone connectivity	Bluetooth
Electronic Programme Guide (EPG)	✓	Mains power	✓
Picture-in-Picture	✓	Stand	Yes
ECO mode	✓		Vivid, Standard, Eco, Cinema, Sports, Game, Filmmaker, (ISF)Expert(Bright Room), (ISF)Expert(Dark Room)
Auto power off	✓	Picture mode	
Sleep timer	✓		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
On/Off timer	✓	Smart TV applications	
Firmware upgradeable via	Auto upgrade wizard, Network, USB		
Works with Amazon Alexa	✓	USB ports quantity	2
Works with the Google Assistant	✗	Analogue tuner	✓
Works with Samsung Bixby	✗	BRAVIA Sync	✗
Power		DVB-T2 tuner	✓
Energy efficiency class (SDR) *	E	S-Force Front Surround 3D	✗
Energy efficiency class (HDR) *	G	S-Master	✗
		Stereo sound	Yes
		Surround modes	AI Sound Pro (Virtual 5.1.2 Up-mix)
		Wall mounting kit	✗
		SmartFeatures	webOS UI, Quick Cards, Home Hub

Other features

App store

LG Content Store



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Publication date: 26-APR-2023. Prints or copies of Information are only valid on the printed Publication date