

LG 55QNED866RE.AEK TV 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi

Brand : LG

Product code: 55QNED866RE.AEK

Product name : 55QNED866RE.AEK

- Quantum Dot NanoCell with MiniLED for richer colours plus fantastic contrast & brightness

- Intelligent $\alpha7$ AI processor with AI Super Upscaling

- webOS smart platform with Freeview Play, Netflix, Disney+ and more

- Immersive movies with Dolby Vision & Dolby Atmos

- Smooth motion for a realistic sport viewing experience and advanced gaming

LG QNED MiniLED QNED86 55" 4K Smart TV, 2023

LG 55QNED866RE.AEK. Display diagonal: 139.7 cm (55"), HD type: 4K Ultra HD, Display technology:

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







Display diagonal * 139.7 cm (55") Power consumption (standby) * 0.5 W HD type * 4K Ultra HD Energy efficiency class (SDR) * E Display technology * ONED MiniLED Energy efficiency class (SDR) * E Native aspect ratio * 16:9 Energy consumption (SDR) per 1000 hours * 6 TV tuner Energy consumption (SDR) per 1000 hours * 130 kWh Tuner type * Analog & digital 000 hours * 130 kWh Auto channel search ✓ Power consumption (ISDR) per 1000 hours * 0.5 W Smart TV ✓ Power consumption (Istenp) 0.5 W Smart TV * ✓ Energy consumption (ISDR) per 1000 hours * 130 kWh Storeen mirroing ✓ Power consumption (ISDR) per 1000 hours * 0.5 W Screen mirroing ✓ Power consumption (ISDR) per 1000 hours * 0.5 W Video apps DAZN, Disneyt -, Freeview Play, ITV HUE, NYS, NOW TV, Netlin, Raktuer TV, BEC iPlayer, Britbox, Chili, Raktuer TV, BEC iPlayer, Stribox, Chili, Raktuer TV, Witch, Yorutube Width (with stand) 1233 mm Music apps Amazon Music, Apple Music, BBC Sounds, Deezer, Spotify, Tidal Stand depth 233 mm Sports apps <th>Display</th> <th></th> <th>Power</th> <th></th>	Display		Power	
Display technology* QNED MiniLED Energy efficiency class (HDR)* G Native aspect ratio * 16:9 Energy consumption (SDR) per 100 6.9 kWh Turer type * Analog & digital 1000 hours * 130 kWh Auto channel search ✓ Power consumption (HDR) per 100 hours * 130 kWh Smart TV ✓ Chergy soning mode ✓ Smart TV * ✓ Chergy soning mode ✓ Smart TV * ✓ Chergy soning mode ✓ Operating system version 23 Sound technology a/ A lo G Apple AirPlay 2 support ✓ All 4, Amazon Prime Video, Apple TV, BCR, Briery, Freeview Pitto, Y, Twitch, You Tube Vidit (with stand) 1233 mm Video apps ✓ All 4, Amazon Prime Video, Apple TV, BCR, Apple AirPlay 2, Support Waist (with stand) 1233 mm Music apps ✓ All 4, Amazon Prime Video, Apple TV, BCR, Apple AirPlay 2, Support Weight & dimensions 1233 mm Music apps ✓ Opertion syntem viceo, Apple TV, BCR, Apple Music, BBC Width (with stand) 1233 mm Sports apps DAZN DazN DazNo Sound chout stand) 2.5 mm	Display diagonal *		Power consumption (standby) *	
Native aspect ratio * 16:9 nergy consumption (SDR) per 100 hours * 0:3 kWh Turer type * Analog & digital nergy consumption (SDR) per 100 hours * 0:0 kWh Auto channel search Image & digital 0:00 hours * 0:00 hours * </td <td></td> <td></td> <td></td> <td></td>				
TV tuner bours* bours		•		-
Tuner type *Analog & digitalEnergy consumption (HDR) per 130 kWhAuto channel search000 hours *130 kWhAuto channel searchPower consumption (sleep)0.5 WSmart TVEnergy saving modeSmart TV *Energy efficiency scaleA to GOperating system installed *Web OSTechnical detailsOperating system version23Sound technologyAI Sound Pro (Virtual 5.1.2 Up-mix ar7 AI Processor 4K Gen6Apple AirPlay 2 supportMeight & dimensionsVideo appsAII 4, Amazon Prime Video, Apple N, BBC iPlayer, BritBox, Chili, UM, MyS, NOW TV, Netfix, Rather Sounds, Deezer, Spotify, TidalWeight & dimensionsNusic appsAmazon Music, Apple Music, BBC Sounds, Deezer, Spotify, TidalWeight (without stand)23.7 kgPorts appsDAZNProcessor23.7 kgNumber of speakers *4Stand width20.8 gAudio decodersOlby AtmosStand depth26 cmAudio decodersAll Sund Pro, Clear Voice Pro Enhanced Audio Return ChannelStand Mith20.8 gEnergy ensurement for the speakersAll Sund Pro, Clear Voice Pro Enhanced Audio Return ChannelScrews includedScrews included	•	16:9		63.9 kWh
Iune type *Analog & digital1000 hours *Interfue Power consumption (sleep)0.5 WAuto channel search✓Power consumption (sleep)0.5 WSmart TV *✓Energy saving mode✓Smart TV *✓Fechnical detailsEnergy efficiency scaleA to GOperating system version23Sound technologyAl Sound Pro (Virtual 5.1.2 Up-mix screen mirroring✓Apple AirPlay 2 support✓Meight & dimensions23Video apps✓Mil 4, Amazon Prime Video, Apple TV, BBC iPlayer, BritBox, Chili, DAZN, Disney +, Freeview Play, ITV DAZN, Disney +, Freeview Play, ITV DAZN, Disney +, Freeview Play, ITV Hub, MyS, NOW TV, Netflix, Rakter TV, Twitch, YouTubeWeight & dimensionsMusic appsAmazon Music, Apple Music, BBC Sounds, Deezer, Spotify, TidalWidth (with stand)233 mmSports appsDAZNDepth (without stand)233 mmAudioMusic apps44Stand width50 cmAudio decodersJound Pro, Clear Voice Pro Sound modesStand width50 cmEnhanced Audio Return Channel✓Strews included✓	TV tuner		Energy consumption (HDR) per	120 kWb
Smart TV Energy saving mode ✓ Smart TV * ✓ Ato G Operating system installed * Web OS Technical details Operating system version 23 Sound technology Al Sound Pro (Virtual 5.1.2 Up-mix or 7 Al Processor 4K Gen6 Apple AirPlay 2 support ✓ Processor a7 Al Processor 4K Gen6 Video apps ✓ All 4, Amazon Prime Video, Apple TV, BBC iPlayer, BritBox, Chili, TV, BBC iPlayer, BritBox, Chili, TV, BBC iPlayer, BritBox, Chili, TV, Twitch, YouTube Weight & dimensions Music apps Amazon Music, Apple Music, BBC Sounds, Deezer, Spotify, Tidal Width (with stand) 23.7 kg Sports apps DAZN DazN Depth (without stand) 23.7 kg Number of speakers * 4 Stand width 50 cm Audio V Stand width 50 cm Audio decoders Dolby Atmos Stand width 50 cm Audio kodes Al Sound Pro, Clear Voice Pro Fackaging data 5crews included ✓	Tuner type *	Analog & digital	1000 hours *	130 KWN
Smart TV Energy efficiency scale A to G Smart TV* ✓ Energy efficiency scale A to G Operating system installed* Web OS Technical details Image: Comparison of the comparison	Auto channel search	1	Power consumption (sleep)	0.5 W
Smart TV*Veb OSTechnical detailsOperating system installed *Web OSSound technologyAl Sound Pro (Virtual 5.1.2 Up-mix or AT Al Processor 4K Gen6Operating system version23Sound technologyAl Sound Pro (Virtual 5.1.2 Up-mix or AT Al Processor 4K Gen6Apple AirPlay 2 supportImage: Amazon Prime Video, Apple TV, BBC iPlayer, BritBox, Chili, DAZN, Disney+, Freeview Play, ITV Hub, My5, NOW TV, Netflix, Rakute TV, Twitch, YouTubeImage: Amazon Music, Apple Music, BBC Sounds, Deezer, Spotify, TidalWeight & dimensionsMusic appsAmazon Music, Apple Music, BBC Sounds, Deezer, Spotify, TidalMith (with stand)1233 mmSports appsDAZNDepth (without stand)23.7 kgMusic rd power *4Depth (without stand)1233 mmAudioMusic stand716 mmMeight (without stand)20 kgNumber of speakers *4Stand width50 cmStand depthAudio decodersDolby Atmos Al Sound Pro, Clear Voice ProStand depth26 cmEnhanced Audio Return ChannelImage: Amazon Clear Voice ProScrews includedImage: Amazon Clear Voice Pro	Smart TV		Energy saving mode	1
Operating system installed *Web OSTechnical detailsOperating system version23Sound technologyAI Sound Pro (Virtual 5.1.2 Up-mix a 7 AI Processor 4K Gen6Screen mirroring✓Processora 7 AI Processor 4K Gen6Apple AirPlay 2 support✓Weight & dimensionsVideo apps✓All 4, Amazon Prime Video, Apple TV, BBC iPlayer, BritBox, Chili, DAZN, Disney +, Freeview Play, ITV Hub, MyS, NOW TV, Netflix, Rakutm TV, Twitch, Your UbeWeight & dimensionsMusic appsAmazon Music, Apple Music, BBC Sounds, Deezer, Spotify, TidalWeight (with stand)784 mmSports appsDAZNWeight (without stand)2.3.7 kgMumber of speakers *4Stand width50 cmAudio40 WStand width20 kgAudio decodersDolby Atmos Al Sound Pro, Clear Voice ProStand depth26 cmSound modesAl Sound Pro, Clear Voice ProFackaging data5crews includedFinhanced Audio Return Channel✓Screws includedImage: Screws includedAutioSound Pro, Clear Voice ProScrews includedImage: Screws included	Smart TV *	1	Energy efficiency scale	A to G
Screen mirroring✓Processorα7 Al Processor 4K Gen6Apple AirPlay 2 support✓✓✓All 4, Amazon Prime Video, Apple TV, BBC iPlayer, BritBox, Chili, DAZN, Disney+, Freeview Play, ITV Hub, My5, NOW TV, Netflix, Rakuter TV, Twitch, YouTube✓✓Music appsAmazon Music, Apple Music, BBC Sounds, Deezer, Spotify, TidalDepth (with stand)260 mmSports appsDAZNAmazon Music, Apple Music, BBC Sounds, Deezer, Spotify, TidalDepth (with out stand)23.7 kgMusic appsDAZNDepth (with out stand)1233 mm1233 mmSports appsDAZNDepth (without stand)1233 mmMumber of speakers *4ProcessorVideh (without stand)1233 mmNumber of speakers *4Stand width50 cmAudio decodersDolby AtmosStand depth50 cmSound modesAl Sound Pro, Clear Voice ProPackaging data✓Enhanced Audio Return Channel✓Screws included✓	Operating system installed *	Web OS	Technical details	
Apple AirPlay 2 supportImage: Ap	Operating system version	23	Sound technology	AI Sound Pro (Virtual 5.1.2 Up-mix)
All 4, Amazon Prime Video, Apple TV, BBC iPlayer, BritBox, Chili, DAZN, Disney+, Freeview Play, ITV Hub, My5, NOW TV, Netflix, Rakuten TV, Twitch, YouTubeWidth (with stand)1233 mmMusic appsAmazon Music, Apple Music, BBC Sounds, Deezer, Spotify, TidalDepth (with stand)784 mmSports appsDAZNMusic apps23.7 kgAudioDAZNDepth (with out stand)1233 mmNumber of speakers *4Depth (without stand)1233 mmNumber of speakers *4Stand width50 cmAudio decodersDolby AtmosStand depth26 cmAudio Return ChannelAl Sound Pro, Clear Voice ProFackaging dataImage: Common Action of SpeakersAudio Return ChannelAl Sound Pro, Clear Voice ProScrews includedImage: Common Action of SpeakersAudio Return ChannelAl Sound Pro, Clear Voice ProScrews includedImage: Common Action of SpeakersAudio Return ChannelImage: Common Action of SpeakersAl Sound Pro, Clear Voice ProImage: Common Action of SpeakersAudio Return ChannelImage: Common Action of SpeakersAl Sound Pro, Clear Voice ProImage: Common Action of SpeakersAudio Return ChannelImage: Common Action of SpeakersAl Sound Pro, Clear Voice ProImage: Common Action of SpeakersAudio Return ChannelImage: Common Action of SpeakersImage: Common Action of SpeakersImage: Common Action of SpeakersAudio Action ChannelImage: Common Action of SpeakersImage: Common Action of SpeakersImage: Common Action of SpeakersAudio Action Ch	Screen mirroring	1	Processor	α7 Al Processor 4K Gen6
Video appsTV, BBC iPlayer, BritBox, Chili, DAZN, Disney+, Freeview Play, ITV Hub, My5, NOW TV, Netflix, Rakuten TV, Twitch, YouTubeWidth (with stand)1233 mmMusic appsAmazon Music, Apple Music, BBC Sounds, Deezer, Spotify, TidalDepth (with stand)23.7 kgSports appsDAZNDepth (with out stand)1233 mmAudioDAZNDepth Music, BBC Sounds, Deezer, Spotify, TidalWeight (with stand)1233 mmSports appsDAZNDepth Music, BBC Sounds, Deezer, Spotify, TidalWeight (without stand)1233 mmAudioMusic appsDAZNDepth (without stand)1233 mmMusic appsDAZNDepth (without stand)1233 mmSports appsDAZNDepth (without stand)1233 mmAudioVidth (without stand)20 kg1233 mmNumber of speakers *4Stand width50 cmAudio decodersDolby AtmosStand depth26 cmSound modesAl Sound Pro, Clear Voice ProScrews includedImage: Corews includedEnhanced Audio Return ChannelImage: Corews includedImage: Corews includedImage: Corews included	Apple AirPlay 2 support	✓	Weight & dimensions	
Music appsAmazon Music, Apple Music, BBC Sounds, Deezer, Spotify, TidalWidth (without stand)1233 mmSports appsDAZNDepth (without stand)45.5 mmAudioHeight (without stand)716 mmNumber of speakers *4Stand width50 cmNumber of speakers *40 WStand depth26 cmAudio decodersDolby AtmosStand depth26 cmSound modesAl Sound Pro, Clear Voice ProPackaging dataEnhanced Audio Return ChannelImage: Common Stand S	Video apps	TV, BBC iPlayer, BritBox, Chili, DAZN, Disney+, Freeview Play, ITV Hub, My5, NOW TV, Netflix, Rakuten	Depth (with stand) Height (with stand)	260 mm 784 mm
Sports apps DAZN Height (without stand) 716 mm Audio Height (without stand) 20 kg Number of speakers * 4 Stand width 50 cm RMS rated power * 40 W Stand depth 26 cm Audio decoders Dolby Atmos Stand depth 26 cm Sound modes AI Sound Pro, Clear Voice Pro Fackaging data Crews included	Music apps	, 11 ,	5	5
Audio Weight (without stand) 20 kg Number of speakers * 4 Stand width 50 cm RMS rated power * 40 W Stand depth 26 cm Audio decoders Dolby Atmos Stand depth 26 cm Sound modes Al Sound Pro, Clear Voice Pro Packaging data Free Stand width Enhanced Audio Return Channel ✓ Screws included ✓	Sports apps	DAZN	Depth (without stand)	45.5 mm
Number of speakers *4Stand width50 cmRMS rated power *40 WStand depth26 cmAudio decodersDolby Atmos Packaging data Sound modesAl Sound Pro, Clear Voice ProScrews includedEnhanced Audio Return ChannelScrews included	Audio			
RMS rated power * 40 W Stand depth 26 cm Audio decoders Dolby Atmos Packaging data Sound modes Al Sound Pro, Clear Voice Pro Screws included Enhanced Audio Return Channel Image: Clear Voice Pro Screws included	Number of speakers *	4	5 ()	0
Audio decoders Dolby Atmos Packaging data Sound modes Al Sound Pro, Clear Voice Pro Screws included Enhanced Audio Return Channel Image: Clear Voice Pro Screws included	·			
Sound modes Al Sound Pro, Clear Voice Pro Packaging data Enhanced Audio Return Channel Screws included Image: Clear Voice Pro	•		Stand depth	26 cm
Enhanced Audio Return Channel		,	Packaging data	
			Screws included	1
(eARC) Quick installation guide		4	Quick installation guide	1
Audio system Dolby Atmos Quick start guide	Audio system	Dolby Atmos	Quick start guide	✓

Network		Packaging data	
Wi-Fi *	1	User guide	1
Bluetooth *	4	Manual	4
Wi-Fi Direct	×	Package width	1360 mm
Miracast	4	Package depth	200 mm
Design		Package height	810 mm
VESA mounting *	1	Package weight	29 kg
On/off switch	×	Package type	Box
Stand type	Center stand	Packaging content	
Performance		Mounting kit	×
	Dolby Vision, High Dynamic Range	Cables included	AC
High Dynamic Range (HDR) technology	10 Pro (HDR10 Pro), Hybrid Log-	Remote control included	4
	Gamma (HLG)	Remote control type	Magic Remote
Game mode	4	Smart Remote included	4
Subtitles function	4	E-manual	4
Dolby Vision	4	Other features	
Ambient light sensor	V Local Dimension	Hybrid Log-Gamma (HLG)	1
Backlight dimming technology	Local Dimming	3D	×
Picture processing technology High Dynamic Range (HDR)	LG AI Picture Pro	Wall bracket	×
supported *	4	Motion control	×
Dimming type	Precision Dimming	Batteries included	1
Processor cores	4	No gap wall-mount	×
Multi-screen	1	Near Field Communication (NFC)	×
AMD FreeSync	✓	Apple HomeKit support	4
NVIDIA G-SYNC	×	Cable management	4
4K Ultra HD upscaling	4	Built-in soundbar	×
Auto standby	4	Twin tuner	×
Parental control	4	Instant Game Response	V
USB recording	4	One Connect port Aerial input	2
USB playback	4	DVB	Z DVB-T2/T, DVB-C, DVB-S2/S
DVD player	×	Digital audio out	1
Ports & interfaces		HDMI	-
HDMI version	2.0/2.1	Picture enhancement	Al Picture Pro
Audio Return Channel (ARC)	4	Auto digital tuning	1
Ethernet LAN (RJ-45) ports	1	Country of origin	South Korea
Digital audio optical out	1	Headphone connectivity	Bluetooth
RF ports quantity	2	Mains power	1
RF input	2	Stand	Yes
Common interface (CI) *	4		Vivid, Standard, Eco, Cinema, Sports, Game, Filmmaker,
HDMI ports quantity *	4	Picture mode	(ISF)Expert(Bright Room),
Management features			(ISF)Expert(Dark Room)
Voice control	4		BBC iPlayer, ITV Player, All 4, My5,
Electronic Programme Guide (EPG)	4		UKTV, Explore Freeview Play, Britbox, STV Player, RTE Player,
Picture-in-Picture	4		NOW TV, Netflix, Amazon Prime
ECO mode	4		Video, Rakuten TV, Disney+, Apple TV, YouTube, YouTube Kids, Sky
Auto power off	4	Smart TV applications	Store, Twitch, Paramount+, Pluto
Sleep timer			TV, Chili, DAZN, Lionsgate+,
On/Off timer	Auto upgrado wizard Notwork UCD		Geforce Now, Utomik, Blacknut, Sky News, Peloton, TikTok TV, BBC
Firmware upgradeable via Works with Amazon Alexa	Auto upgrade wizard, Network, USB		Sounds, Spotify, Apple Music,
Works with the Google Assistant	×		Amazon Music, Deezer, Tidal
Works with Samsung Bixby	Â	USB ports quantity	2
		Analogue tuner	×
Power		BRAVIA Sync DVB-T2 tuner	×
Power consumption (typical) *	63.9 W	S-Force Front Surround 3D	×
		S-Master	Ŷ
		Stereo sound	Yes
			Dolby Atmos, Al Sound Pro (Virtual
		Surround modes	5.1.2 Up-mix)

Other features

Wall mounting kit SmartFeatures App store



webOS UI, Quick Cards, Home Hub LG Content Store



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