

86 Inch LG QNED evo AI QNED86 Mini LED 4K Smart TV 2026

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Key Features

- AI enhanced picture and sound powered by the alpha 8 AI Processor Gen3.
- Dynamic QNED Colour Pro replaces quantum dots, delivering 100% Colour Volume to DCI-P3 for vivid colour with superb realism.**
- Mini LED with Precision Dimming for exceptional detail, clarity and brightness.

 **Free Delivery** Shipment start date will be from 1 Apr 2026 in order

This product is currently on Preorder.



All Spec

PICTURE (DISPLAY)

Display Type	Display Resolution	Backlight Type	Refresh Rate
4K QNED MiniLED	4K Ultra HD (3,840 x 2,160)	Mini LED	120Hz Native (VRR 144Hz)
Wide Colour Gamut			
Dynamic QNED Colour Pro			

PICTURE (PROCESSING)

Picture Processor	AI Upscaling	Dynamic Tone Mapping	AI Genre Selection
α8 AI Processor 4K Gen3	α8 AI Super Upscaling 4K	Yes (Dynamic Tone Mapping Pro)	Yes (SDR/HDR)
HDR (High Dynamic Range)	FILMMAKER MODE™	Dimming Technology	Motion
Dolby Vision / HDR10 / HLG	Yes	Precision Dimming	Motion Pro
Picture Mode	HFR (High Frame Rate)	AI HDR Remastering	AI Picture Pro
9 modes	4K 120 fps (HDMI)	Yes	Yes
Auto Brightness Control	Auto Calibration	QFT (Quick Frame Transport)	QMS (Quick Media Switching)
Yes	Yes	Yes	Yes

GAMING

FreeSync Compatible (AMD)	HGIG Mode	Game Optimiser	ALLM (Auto Low Latency Mode)
Yes	Yes	Yes (Game Dashboard)	Yes
VRR (Variable Refresh Rate)	Dolby Vision for Gaming (4K 120Hz)	Motion Booster	
Yes (Up to 144Hz)	Yes	Motion Booster 288	

ACCESSIBILITY

High Contrast	Grey Scale	Invert Colours
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Yes	Yes	Yes
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DIMENSIONS AND WEIGHTS

Features	Specs	Reviews	Support	Where to buy
TV Dimensions without Stand (VxHxW, mm)		TV Dimensions with Stand (VxHxW, mm)		Packaging Dimensions (VxHxW, mm)
1928 x 1108 x 30.9		1928 x 1190/1142 x 370		2090 x 1215 x 285
TV Weight without Stand (kg)		TV Weight with Stand (kg)		Packaging Weight (kg)
49.5		57.7		72.2
				VESA Mounting (WxH, mm)
				600 x 400

BAR CODE

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8806096675793

AUDIO

AI Sound	Clear Voice Pro	LG Sound Sync	Sound Mode Share
α8 AI Sound Pro (Virtual 11.1.2 Up-mix)	Yes (AI Object Remastering Pro)	Yes	Yes
Simultaneous Audio Output	Audio Output	Adaptive Acoustic Tuning	Audio Codec
Yes	20W	Yes	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, apt-X (Refer to manual)
Speaker Direction	Speaker System	WOW Orchestra	
Down Firing	2.0 Channel	Yes	

CONNECTIVITY

HDMI Audio Return Channel	Bluetooth Support	Ethernet Input	Simplink (HDMI CEC)
eARC (HDMI 2)	Yes (v 5.3)	1ea	Yes
SPDIF (Optical Digital Audio Out)	HDMI Input	RF Input (Antenna/Cable)	USB Input
1ea	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS, QFT)	1ea	2ea (v 2.0)
Wi-Fi			
Yes (Wi-Fi 5)			

SMART TV

Operating System (OS)	USB Camera Compatible	AI Chatbot	AI Magic Remote
webOS 26	Yes	Yes	Built-In
AI Voice ID	Always Ready	Full Web Browser	Google Cast
Yes	Yes	Yes	Yes
Home Hub	Intelligent Voice Recognition	LG Channels	LG Shield
Yes (Google Home, LG ThinQ)	Yes	Yes	Yes
Multi View	My Page	Smartphone Remote App	Works with Apple Airplay
Yes	Yes	Yes (LG ThinQ)	Yes
Works with Apple Home			
Yes			

POWER

Power Supply (Voltage, Hz)	Standby Power Consumption
AC 100~240V 50-60Hz	Under 0.5W

REGULATORY

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ACCESSORIES INCLUDED

Remote	Power Cable
AI Magic Remote MR26	Yes (Detachable)

BROADCASTING

Analog TV Reception	Digital TV Reception
Yes	DVB-T2/T (Terrestrial), DVB-C (Cable)

CYBER SECURITY

Security Update

This product will receive security updates until 31 December 2030. For details on how to report security issues, visit <https://lgsecurity.lge.com>.

COMPLIANCE INFORMATION

 [Australia Cyber Security SoC\(86QNED86BSA\)](#) 

MORE COMPLIANCE INFORMATION >

• The safety information for accessories is included with the safety information for the product and is not provided separately.