

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

100QNED86BS

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 Pro for incredibly bright, razor-sharp pictures.



 Ask LG anything

QNED evo TV buying tips

All Spec

PICTURE (DISPLAY)

Display Type	Display Resolution
4K QNED MiniLED	4K Ultra HD (3,840 x 2,160)
Backlight Type	Refresh Rate
Mini LED	120Hz Native (VRR 144Hz)
Wide Colour Gamut	
Dynamic QNED Color Pro (100% Color Volume certified)	

PICTURE (PROCESSING)

Picture Processor	AI Upscaling
Alpha 8 AI Processor 4K Gen3	Alpha 8 AI Super Upscaling 4K
Dynamic Tone Mapping	AI Genre Selection
Yes (Dynamic Tone Mapping Pro)	Yes (SDR/HDR)
HDR (High Dynamic Range)	FILMMAKER MODE™
Dolby Vision / HDR10 / HLG	Yes
Dimming Technology	Motion
Precision Dimming Pro	Motion Pro
Picture Mode	HFR (High Frame Rate)

9 modes

AI HDR Remastering

Yes

Auto Brightness Control

Yes

QFT (Quick Frame Transport)

Yes

4K 120 fps (HDMI)

AI Picture Pro

Yes

Auto Calibration

Yes

QMS (Quick Media Switching)

Yes

GAMING

FreeSync Compatible (AMD)

Yes

Game Optimiser

Yes (Game Dashboard)

VRR (Variable Refresh Rate)

Yes (Up to 144Hz)

Motion Booster

Motion Booster 288

HGIG Mode

Yes

ALLM (Auto Low Latency Mode)

Yes

Dolby Vision for Gaming (4K 120Hz)

Yes

ACCESSIBILITY

High Contrast

Yes

Grey Scale

Yes

Invert Colours

Yes

DIMENSIONS AND WEIGHTS

TV Dimensions without Stand (WxHxD, mm)

2230 x 1277 x 49.9

TV Dimensions with Stand (WxHxD, mm)

2230 x 1372/1324 x 434

Packaging Dimensions (WxHxD, mm)

2380 x 1500 x 275

TV Stand (WxD, mm)

380 x 434

TV Weight without Stand (kg)

65.9

TV Weight with Stand (kg)

75.6

Packaging Weight (kg)

92.1

VESA Mounting (WxH, mm)

600 x 400

BAR CODE

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8806096756683

AUDIO

Dolby Atmos	AI Sound
Yes	Alpha 8 AI Sound Pro (Virtual 11.1.2 Up-mix)
Clear Voice Pro	LG Sound Sync
Yes	Yes
Sound Mode Share	Simultaneous Audio Output
Yes	Yes
Audio Output	Adaptive Acoustic Tuning
40W	Yes
Audio Codec	Speaker Direction
AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, apt-X (Refer to manual)	Down Firing
Speaker System	WOW Orchestra
2.2 Channel	Yes

CONNECTIVITY

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

SMART TV

Operating System (OS)	USB Camera Compatible
webOS 26	Yes
AI Chatbot	AI Magic Remote
Yes	Built-In
AI Voice ID	Always Ready
Yes	Yes
Full Web Browser	Google Cast

Yes

Home Hub

Yes (Google Home, LG ThinQ)

LG Channels

Yes

Multi View

Yes

Smartphone Remote App

Yes (LG ThinQ)

Works with Apple Home

Yes

Yes

Intelligent Voice Recognition

Yes

LG Shield

Yes

My Page

Yes

Works with Apple Airplay

Yes

POWER

Power Supply (Voltage, Hz)

AC 100~240V 50-60Hz

Standby Power Consumption

Under 0.5W

REGULATORY

Energy Star Rating

5.0

Warranty Period

1 Year Parts & Labor

ACCESSORIES INCLUDED

Remote

AI Magic Remote MR26

Power Cable

Yes (Attached)

BROADCASTING

Analog TV Reception

Yes

Digital TV Reception

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(100QNED86BS)



MORE COMPLIANCE INFORMATION >

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