85 Inch LG QNED evo AI QNED90 Mini LED 4K Smart TV 2026

85QNED90BSA



Key Features

- Immersive viewing experience on an Ultra Big TV, powered by alpha 8 AI Processor Gen2.
- 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

Why choose LG QNED evo TV?

Best QNED evo TV for me

QNED evo TV buying tips

All Spec

PICTURE (DISPLAY)

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

Refresh Rate
120Hz Native (VRR 144Hz)

PICTURE (PROCESSING)

Picture Mode	Auto Calibration	Dynamic Tone Mapping	FILMMAKER MODE ™
10 modes	Yes	Yes (Dynamic Tone Mapping Pro)	Yes

HDR (High Dynamic Range)	HFR (High Frame Rate)	Motion	Dimming Technology
Dolby Vision / HDR10 / HLG	4K 120 fps (HDMI)	Motion Pro	Precision Dimming Pro

Picture Processor	QFT (Quick Frame Transport)	QMS (Quick Media Switching)	AI Upscaling
Alpha 8 AI Processor 4K Gen3	Yes	Yes	Alpha 8 AI Super Upscaling 4K

AI Picture Pro	AI Genre Selection

Yes

Yes (SDR/HDR)

GAMING

VRR (Variable Refresh Rate)

Yes (Up to 144Hz)

ALLM (Auto Low Latency Mode)

Yes

HGIG Mode

Yes

Game Optimiser

Yes (Game Dashboard)

FreeSync Compatible (AMD)

Yes

Dolby Vision for Gaming (4K 120Hz)

Yes

SMART TV

USB Camera Compatible

Yes

Works with Apple Home

Yes

AI Chatbot

Yes

AI Magic Remote

Built-In

AI Voice ID

Yes

Always Ready

Yes

Smartphone Remote App

Yes (LG ThinQ)

Works with Apple Airplay

Yes

Full Web Browser

Yes

Google Cast

Yes

Home Hub

Yes (LG ThinQ)

Intelligent Voice Recognition

Yes

LG Channels

Yes

Multi View

Yes

Operating System (OS)

webOS 25

AUDIO

Audio Codec

AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, apt-X (Refer to manual)

Sound Mode Share

Yes

Adaptive Acoustic Tuning

Yes

AI Sound

Alpha 8 AI Sound Pro (Virtual 11.1.2 Up-mix)

Audio Output

40W

Clear Voice Pro

Yes

Dolby Atmos

Yes

LG Sound Sync

Yes

Simultaneous Audio Output

Yes

Speaker Direction

Down Firing

Speaker System

2.2 Channel

WOW Orchestra

Yes

CONNECTIVITY

SPDIF (Optical Digital Audio Out)

1ea

HDMI Input

4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS, QFT)

Wi-Fi

Yes (Wi-Fi 5)

RF Input (Antenna/Cable)

2ea

USB Input

2ea (v 2.0)

Simplink (HDMI CEC)

Yes

Bluetooth Support

Yes (v 5.3)

Ethernet Input

1ea

HDMI Audio Return Channel

eARC (HDMI 3)

ACCESSIBILITY

Invert Colours

Grey Scale

High Contrast

Yes	Yes	Yes

POWER

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

ACCESSORIES INCLUDED

Power Cable	Remote
Yes (Detachable)	AI Magic Remote MR26

REGULATORY

Warranty Period	Energy Star Rating
Definable Spec Only in LG.COM	Definable Spec Only in LG.COM

BROADCASTING

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

CYBER SECURITY

Security Update

Definable Spec Only
in LG.COM

DIMENSIONS AND WEIGHTS

Packaging Weight (kg)	TV Dimensions without Stand (WxHxD, mm)	TV Dimensions with Stand (WxHxD, mm)	TV Stand (WxD, mm)
46	1890 x 1081 x 59.9	1890 x 1180 x 448	1636 x 448
TV Weight without Stand (kg)	**TV Weight with Stand (kg)**	**VESA Mounting (WxH, mm)**	**Packaging Dimensions (WxHxD, mm)**
33	34.2	600 x 400	2050 x 1200 x 177

COMPLIANCE INFORMATION

Australia Cyber Security SoC(85QNED90BSA)

MORE COMPLIANCE INFORMATION >

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