



55 inch LG NANO 4K UHD AI NU85
Smart TV 2026

55NU850BPUA

Key Features

- Nano Detail Enhancer refines texture and depth for more lifelike 4K picture
- Linear Flow Design features a refined and solid finish made to complement your space
- Award-winning webOS brings advanced AI experiences—powered by Google Gemini and Microsoft Copilot



All Spec

DIMENSIONS AND WEIGHTS

TV Weight with Stand 9.6	Packaging Dimensions (WxHxD) 1356 x 805 x 120	Packaging Weight (Overseas) 12.6	TV Dimensions without Stand (WxHxD) 1228 x 715 x 70.8
TV Dimensions with Stand (WxHxD) 1228 x 776 x 230	TV Stand (WxD) 989 x 230	TV Weight without Stand 9.5	VESA Mounting (WxH) 300 x 200

ACCESSIBILITY

Gray Scale Yes	High Contrast Yes	Invert Colors Yes
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ACCESSORIES INCLUDED

Power Cable Yes (Detachable)	Remote Standard Remote
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AUDIO

AI Sound AI Sound Pro (Virtual 9.1.2 Up-mix)	Adaptive Acoustic Tuning Ready (requires AI Magic Remote)	Audio Codec AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, apt-X (Refer to manual)	Audio Output 20W
Clear Voice Pro Yes (Auto Volume Leveling)	LG Sound Sync Yes	Simultaneous Audio Output Yes	Sound Mode Share Yes
Speaker Direction Down Firing	Speaker System 2.0 channel	WOW Orchestra Yes	

BASIC INFORMATION

Year of release
Definable Spec Only in LG.COM

BROADCASTING

Analog TV Reception Yes	Digital TV Reception ATSC1.0 (Terrestrial), QAM (Cable)
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CONNECTIVITY

Bluetooth Support Yes (v 5.3)	Ethernet Input 1ea	HDMI Audio Return Channel eARC (HDMI 2)	HDMI Input 3ea (supports eARC, ALLM)
RF Input (Antenna/Cable) 1ea	Simplink (HDMI CEC) Yes	USB Input 1ea (v 2.0)	Wi-Fi Yes (Wi-Fi 5)

GAMING

Game Optimizer	ALLM (Auto Low Latency Mode)	HGIG Mode	120Hz Native (VRR 120Hz)
Yes (Game Dashboard)	Yes	Yes	Yes (Up to 60Hz)

PICTURE (DISPLAY)

Backlight Type	Display Resolution	Display Type	Refresh Rate
Direct	4K Ultra HD (3,840 x 2,160)	4K UHD	60Hz Native

PICTURE (PROCESSING)

AI Upscaling	AI HDR Remastering	Auto Calibration	Dynamic Tone Mapping
4K Super Upscaling	Yes	Yes	Yes
FILMMAKER MODE™	HDR (High Dynamic Range)	Picture Mode	Picture Processor
Yes	HDR10 / HLG	9 modes	α7 AI Processor 4K Gen9

POWER

Power Supply (Voltage, Hz)	Standby Power Consumption
AC 120V, 50/60Hz	Under 0.5W

SMART TV

AI Chatbot	AI Magic Remote	AI Voice ID	Full Web Browser
Yes	Ready (requires AI Magic Remote)	Ready (requires AI Magic Remote)	Yes
Google Cast	Yes (LG ThinQ)	Intelligent Voice Recognition	LG Channels
Yes	Yes (LG ThinQ)	Yes (with LG ThinQ app.)	Yes
LG Shield	My Page	Operating System (OS)	Smartphone Remote App
Yes	Yes	webOS 26	Yes (LG ThinQ)
Works with Apple Airplay	Works with Apple Home		
Yes	Yes		