LG

LG NanoCell AI NANO80 55NANO80A3B TV 139.7 cm (55") 4K Ultra HD Smart TV Wi-Fi Black

Brand : LG

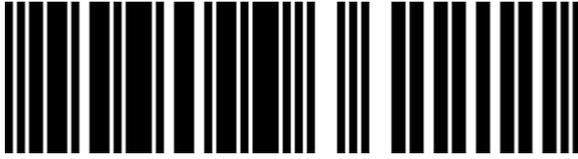**Product family:** NanoCell AI

Product code: 55NANO80A3B

Product name : 55NANO80A3B

LG NanoCell AI NANO80 55NANO80A3B. Display diagonal: 139.7 cm (55"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Screen shape: Flat, LED backlighting type: Direct-LED. Smart TV. Native aspect ratio: 16:9. Digital signal format system: DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black

Display

Display diagonal *	139.7 cm (55")
HD type *	4K Ultra HD
Display technology *	LED
LED backlight	✔
LED backlighting type	Direct-LED
Screen shape *	Flat
Native aspect ratio *	16:9
Automatic brightness control	✔
Native refresh rate	60 Hz
Display resolution *	3840 x 2160 pixels
Display diagonal (metric)	139 cm

TV tuner

Tuner type *	Analog & digital
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2

Smart TV

Smart TV *	✔
Operating system installed *	WebOS
Operating system version	25
Apple AirPlay 2 support	✔

Audio

RMS rated power *	20 W
Audio output channels	2.0 channels
Audio decoders	Dolby Digital
Sound modes	AI Acoustic Tuning, Clear Voice Pro
Speaker direction	Down firing
TV Sound Mode Share	✔
Enhanced Audio Return Channel (eARC)	✔

Ports & interfaces

PC in (D-Sub) *	✘
Ethernet LAN (RJ-45) ports	1
USB 2.0 ports quantity *	2
Digital audio optical out	1
RF ports quantity	1
Common interface (CI) *	✔
HDMI ports quantity *	3
Consumer Electronics Control (CEC)	SimpLink

Power

Power consumption (standby) *	0.5 W
Energy efficiency class (SDR) *	G
Energy efficiency class (HDR) *	G
Energy consumption (SDR) per 1000 hours *	81 kWh
Energy consumption (HDR) per 1000 hours *	121 kWh
Power consumption (off)	0.5 W
AC input voltage	110 - 240 V
AC input frequency	50/60 Hz
Energy efficiency scale	A to G
Power supply type	Internal

Brand-specific features

LG technologies (AV/TV)	AI Acoustic Tuning, LG Sound Sync, Magic Remote Control, Works With Apple HomeKit

Weight & dimensions

Width (with stand)	1678 mm
Depth (with stand)	361 mm
Height (with stand)	1027 mm
Weight (with stand)	14.1 kg
Width (without stand)	1678 mm
Depth (without stand)	59.9 mm

Network

Wi-Fi *	✔
Wi-Fi standards	Wi-Fi 5 (802.11ac)
Bluetooth *	✔
Bluetooth version	5.1
Ethernet LAN *	✔
Web browser	✔

Design

Product colour *	Black
VESA mounting *	✔
Panel mounting interface	300 x 300 mm
Introduction year	2025

Performance

High Dynamic Range (HDR) technology	Dynamic Tone Mapping, Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)
Audio formats supported	AAC, AAC HE, AC3, AC4, EAC3, MP2, MP3, PCM, apt-X
Picture processor	α7 Gen8 AI Processor 4K
High Dynamic Range (HDR) supported *	✔
Game features	Auto Low Latency Mode (ALLM), Game Optimizer, HGiG, Variable Refresh Rate (VRR)
4K Ultra HD upscaling	✔
Multi View	✔
Smartphone/tablet remote support	✔

Weight & dimensions

Height (without stand)	964 mm
Weight (without stand)	14 kg
Stand width	94.8 cm
Stand depth	23 cm

Packaging data

Package width	1360 mm
Package depth	162 mm
Package height	810 mm
Package weight	18.9 kg
Package type	Box

Packaging content

Desktop stand	✔
Remote control included	✔
Remote control type	Magic Remote MR25GA / MR25GB (UK, Italy)

Other features

Intelligent Voice Recognition	✔
Picture mode	10
Google applications	Google Cast, Google Home

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