



## 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

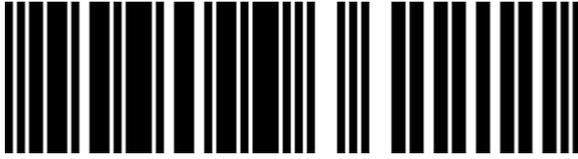
Product name : 55NANO80A3B



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		Ports & interfaces	
Display diagonal *	139.7 cm (55")	PC in (D-Sub) *	✗
HD type *	4K Ultra HD	Ethernet LAN (RJ-45) ports	1
Display technology *	LED	USB 2.0 ports quantity *	2
LED backlight	✓	Digital audio optical out	1
LED backlighting type	Direct-LED	RF ports quantity	1
Screen shape *	Flat	Common interface (CI) *	✓
Native aspect ratio *	16:9	HDMI ports quantity *	3
Automatic brightness control	✓	Consumer Electronics Control (CEC)	SimpLink
Native refresh rate	60 Hz	<b>Power</b>	
Display resolution *	3840 x 2160 pixels	Power consumption (standby) *	0.5 W
Display diagonal (metric)	139 cm	Energy efficiency class (SDR) *	G
<b>TV tuner</b>		Energy efficiency class (HDR) *	G
Tuner type *	Analog & digital	Energy consumption (SDR) per 1000 hours *	81 kWh
Digital signal format system *	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2	Energy consumption (HDR) per 1000 hours *	121 kWh
<b>Smart TV</b>		Power consumption (off)	0.5 W
Smart TV *	✓	AC input voltage	110 - 240 V
Operating system installed *	WebOS	AC input frequency	50/60 Hz
Operating system version	25	Energy efficiency scale	A to G
Apple AirPlay 2 support	✓	Power supply type	Internal
<b>Audio</b>		<b>Brand-specific features</b>	
RMS rated power *	20 W	LG technologies (AV/TV)	AI Acoustic Tuning, LG Sound Sync, Magic Remote Control, Works With Apple HomeKit
Audio output channels	2.0 channels	<b>Weight &amp; dimensions</b>	
Audio decoders	Dolby Digital	Width (with stand)	1678 mm
Sound modes	AI Acoustic Tuning, Clear Voice Pro	Depth (with stand)	361 mm
Speaker direction	Down firing	Height (with stand)	1027 mm
TV Sound Mode Share	✓	Weight (with stand)	14.1 kg
Enhanced Audio Return Channel (eARC)	✓	Width (without stand)	1678 mm
		Depth (without stand)	59.9 mm

Network		Weight & dimensions	
Wi-Fi *	✓	Height (without stand)	964 mm
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Weight (without stand)	14 kg
Bluetooth *	✓	Stand width	94.8 cm
Bluetooth version	5.1	Stand depth	23 cm
Ethernet LAN *	✓	Packaging data	
Web browser	✓	Package width	1360 mm
Design		Package depth	162 mm
Product colour *	Black	Package height	810 mm
VESA mounting *	✓	Package weight	18.9 kg
Panel mounting interface	300 x 300 mm	Package type	Box
Introduction year	2025	Packaging content	
Performance		Desktop stand	✓
High Dynamic Range (HDR) technology	Dynamic Tone Mapping, Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Remote control included	✓
Audio formats supported	AAC, AAC HE, AC3, AC4, EAC3, MP2, MP3, PCM, apt-X	Remote control type	Magic Remote MR25GA / MR25GB (UK, Italy)
Picture processor	α7 Gen8 AI Processor 4K	Other features	
High Dynamic Range (HDR) supported *	✓	Intelligent Voice Recognition	✓
Game features	Auto Low Latency Mode (ALLM), Game Optimizer, HGiG, Variable Refresh Rate (VRR)	Picture mode	10
4K Ultra HD upscaling	✓	Google applications	Google Cast, Google Home
Multi View	✓		
Smartphone/tablet remote support	✓		



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