



LG NanoCell AI 43NANO81A6A 109.2 cm (43") 4K Ultra HD Smart TV Wi-Fi Black



Brand : LG

Product family: NanoCell AI

Product code:
43NANO81A6A.AEU

Product name : 43NANO81A6A

LG NanoCell AI 43NANO81A6A. Display diagonal: 109.2 cm (43"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: NanoCell, Screen shape: Flat, LED backlighting type: Direct-LED. Smart TV. Native aspect ratio: 16:9. Digital signal format system: DVB-S, DVB-S2, DVB-T, DVB-T2. Wi-Fi, Ethernet LAN. Product colour: Black

Display		Ports & interfaces	
Display diagonal *	109.2 cm (43")	Digital audio optical out	1
HD type *	4K Ultra HD	RF ports quantity	2
Display technology *	NanoCell	Common interface (CI) *	✓
LED backlighting type	Direct-LED	Common interface Plus (CI+) *	✓
Screen shape *	Flat	Common interface Plus (CI+) version	1.4
Native aspect ratio *	16:9	HDMI ports quantity *	3
Native refresh rate	60 Hz	Consumer Electronics Control (CEC)	SimpLink
Display resolution *	3840 x 2160 pixels		
Display diagonal (metric)	108 cm		
TV tuner		Management features	
Tuner type *	Analog & digital	Voice guide	✓
Digital signal format system *	DVB-S, DVB-S2, DVB-T, DVB-T2	Electronic Programme Guide (EPG)	✓
Smart TV		Programming period	8 day(s)
Smart TV *	✓	On Screen Display (OSD)	✓
Internet TV *	✓	Number of OSD languages	38
Operating system installed *	WebOS	Picture-in-Picture	✗
Operating system version	25	Hotel mode	✗
Apple AirPlay 2 support	✓	Basic hotel mode	✓
Built-in Chromecast	✓	Works with Amazon Alexa	✓
Audio		Works with the Google Assistant	✓
Number of speakers *	2	Works with Samsung Bixby	✗
RMS rated power *	20 W	Works with Apple Siri	✓
Audio output channels	2.0 channels		
Built-in subwoofer	✗	Power	
Audio decoders	Dolby Digital	Power consumption (standby) *	0.5 W
Sound modes	AI Sound Pro, Clear Voice Pro	Energy efficiency class (SDR) *	G
Enhanced Audio Return Channel (eARC)	✓	Energy efficiency class (HDR) *	G
Network		Energy consumption (SDR) per 1000 hours *	54 kWh
Wi-Fi *	✓	Energy consumption (HDR) per 1000 hours *	83 kWh
Wi-Fi standards	Wi-Fi 5 (802.11ac)	AC input voltage	100-240 V
Bluetooth *	✓	AC input frequency	50/60 Hz
Bluetooth version	5.1	Energy saving mode	✓
		Energy efficiency scale	A to G

Network		Brand-specific features	
Ethernet LAN *	✓	LG technologies (AV/TV)	AI Acoustic Tuning, AI Sound Pro, AI Super Upscaling 4K, Bluetooth Surround Ready, LG Sound Sync, ThinQ™, WOW Orchestra
Bluetooth profiles	A2DP		
Web browser	✓		
Design		Weight & dimensions	
Product colour *	Black	Width (with stand)	967 mm
VESA mounting *	✓	Depth (with stand)	249 mm
Panel mounting interface	200 x 200 mm	Height (with stand)	629 mm
Frameless design	✓	Weight (with stand)	10 kg
Introduction year	2025	Width (without stand)	967 mm
Performance		Depth (without stand)	57.1 mm
High Dynamic Range (HDR) technology	Dynamic Tone Mapping, Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Height (without stand)	564 mm
		Weight (without stand)	8.9 kg
Game mode	✓	Stand width	73.9 cm
Teletext function	✓	Stand depth	24.9 cm
Subtitles function	✓	Packaging data	
Video formats supported	AV1, HEVC/H.265, VP9	Package width	1075 mm
High Dynamic Range (HDR) supported *	✓	Package depth	187 mm
Processor cores	4	Package height	660 mm
Game features	Auto Low Latency Mode (ALLM), Game Optimizer, HGiG, Variable Refresh Rate (VRR)	Package weight	12.4 kg
		Packaging content	
4K Ultra HD upscaling	✓	Desktop stand	✓
		Cables included	AC
Multi View	✓	Remote control included	✓
Smartphone/tablet remote support	✓	Soundbar included	✗
Ports & interfaces		Other features	
USB recording	✗	Digital Living Network Alliance (DLNA) certified	✓
DVD player	✗	Warranty period	2 year(s)
HDMI version	2.1		
Audio Return Channel (ARC)	✓		
PC in (D-Sub) *	✗		
Ethernet LAN (RJ-45) ports	1		
USB 2.0 ports quantity *	2		



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