



LG NanoCell AI 50NANO81A6A 127 cm (50") 4K Ultra HD Smart TV Wi-Fi Black

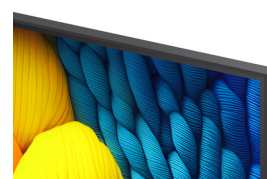
Brand : LG

Product family: NanoCell AI

Product code:
50NANO81A6A.API

Product name : 50NANO81A6A

LG NanoCell AI 50NANO81A6A. Display diagonal: 127 cm (50"), 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 *	127 cm (50")	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)	126 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	✗		
Audio decoders	Dolby Digital		
Sound modes	AI Sound Pro, Clear Voice Pro		
		Power	
		Power consumption (standby) *	0.5 W
		Energy efficiency class (SDR) *	F
		Energy efficiency class (HDR) *	G
		Energy consumption (SDR) per 1000 hours *	65 kWh

Audio		Power	
Enhanced Audio Return Channel (eARC)	✔	Energy consumption (HDR) per 1000 hours *	99 kWh
Network		AC input voltage	100-240 V
Wi-Fi *	✔	AC input frequency	50/60 Hz
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Energy saving mode	✔
Bluetooth *	✔	Energy efficiency scale	A to G
Bluetooth version	5.1	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			
Product colour *	Black	Weight & dimensions	
VESA mounting *	✔	Width (with stand)	1121 mm
Panel mounting interface	300 x 300 mm	Depth (with stand)	249 mm
Frameless design	✔	Height (with stand)	703 mm
Introduction year	2025	Weight (with stand)	13.2 kg
Performance		Width (without stand)	1121 mm
High Dynamic Range (HDR) technology	Dynamic Tone Mapping, Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Depth (without stand)	57.1 mm
Game mode	✔	Height (without stand)	651 mm
Teletext function	✔	Weight (without stand)	12.1 kg
Subtitles function	✔	Stand width	73.9 cm
Video formats supported	AV1, HEVC/H.265, VP9	Stand depth	24.9 cm
High Dynamic Range (HDR) supported *	✔	Packaging data	
Processor cores	4	Package width	1215 mm
Game features	Auto Low Latency Mode (ALLM), Game Optimizer, HGiG, Variable Refresh Rate (VRR)	Package depth	162 mm
4K Ultra HD upscaling	✔	Package height	810 mm
Multi View	✔	Package weight	16 kg
Smartphone/tablet remote support	✔	Packaging content	
USB recording	✘	Desktop stand	✔
DVD player	✘	Cables included	AC
Ports & interfaces		Remote control included	✔
HDMI version	2.1	Soundbar included	✘
Audio Return Channel (ARC)	✔	Other features	
PC in (D-Sub) *	✘	Digital Living Network Alliance (DLNA) certified	✔
Ethernet LAN (RJ-45) ports	1	Warranty period	2 year(s)
USB 2.0 ports quantity *	2		



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Catalog Object Cloud



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