



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



Brand : LG

Product family: NanoCell AI

Product code:
50NANO81A6A.AEU

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")	PC in (D-Sub) *	✗
HD type *	4K Ultra HD	Ethernet LAN (RJ-45) ports	1
Display technology *	NanoCell	USB 2.0 ports quantity *	2
LED backlighting type	Direct-LED	Digital audio optical out	1
Screen shape *	Flat	RF ports quantity	2
Native aspect ratio *	16:9	Common interface (CI) *	✓
Native refresh rate	60 Hz	Common interface Plus (CI+) *	✓
Display refresh rates supported	50 Hz, 60 Hz	Common interface Plus (CI+) version	1.4
Display resolution *	3840 x 2160 pixels	HDMI ports quantity *	3
Display diagonal (metric)	126 cm	Consumer Electronics Control (CEC)	SimpLink
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	✓
Audio		Works with Amazon Alexa	✓
Number of speakers *	2	Works with the Google Assistant	✓
RMS rated power *	20 W	Works with Samsung Bixby	✗
Audio output channels	2.0 channels	Works with Apple Siri	✓
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) *	F
Enhanced Audio Return Channel (eARC)	✓	Energy efficiency class (HDR) *	G
Network		Energy consumption (SDR) per 1000 hours *	65 kWh
Wi-Fi *	✓	Energy consumption (HDR) per 1000 hours *	99 kWh
Wi-Fi standards	Wi-Fi 5 (802.11ac)	AC input voltage	100-240 V
Bluetooth *	✓		
Bluetooth version	5.1		

Network		Power	
Ethernet LAN *	✓	AC input frequency	50/60 Hz
Bluetooth profiles	A2DP	Energy saving mode	✓
Web browser	✓	Energy efficiency scale	A to G
Design		Brand-specific features	
Product colour *	Black	LG technologies (AV/TV)	AI Acoustic Tuning, AI Sound Pro, AI Super Upscaling 4K, Bluetooth Surround Ready, LG Sound Sync, ThinQ™, WOW Orchestra
VESA mounting *	✓		
Panel mounting interface	200 x 200 mm		
Frameless design	✓		
Introduction year	2025		
Performance		Weight & dimensions	
High Dynamic Range (HDR) technology	Dynamic Tone Mapping, Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Width (with stand)	1121 mm
Game mode	✓	Depth (with stand)	249 mm
Teletext function	✓	Height (with stand)	703 mm
Subtitles function	✓	Weight (with stand)	13.2 kg
Video formats supported	AV1, HEVC/H.265, VP9	Width (without stand)	1121 mm
Picture processor	α7 Gen 8 AI Processor 4K	Depth (without stand)	57.1 mm
High Dynamic Range (HDR) supported *	✓	Height (without stand)	651 mm
Processor cores	4	Weight (without stand)	12.1 kg
Game features	Auto Low Latency Mode (ALLM), Game Optimizer, HGiG, Variable Refresh Rate (VRR)	Stand width	73.9 cm
4K Ultra HD upscaling	✓	Stand depth	24.9 cm
Multi View	✓		
Smartphone/tablet remote support	✓		
USB recording	✗		
DVD player	✗		
Ports & interfaces		Packaging data	
HDMI version	2.1	Package width	1215 mm
Audio Return Channel (ARC)	✓	Package depth	162 mm
		Package height	810 mm
		Package weight	16 kg
		Packaging content	
		Desktop stand	✓
		Cables included	AC
		Remote control included	✓
		Soundbar included	✗



8806096352885

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.