



LG NanoCell AI 65NANO81A3A TV 165.1 cm (65") 4K Ultra HD Smart TV Wi-Fi Black

Brand : LG

Product family: NanoCell AI

Product code: 65NANO81A3A

Product name : 65NANO81A3A

LG NanoCell AI 65NANO81A3A. Display diagonal: 165.1 cm (65"), 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 *	165.1 cm (65")	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
Automatic brightness control	✓	Consumer Electronics Control (CEC)	SimpLink
Native refresh rate	60 Hz	Management features	
Display resolution *	3840 x 2160 pixels	Voice guide	✓
Display diagonal (metric)	164 cm	Electronic Programme Guide (EPG)	✓
TV tuner		Programming period	8 day(s)
Tuner type *	Analog & digital	On Screen Display (OSD)	✓
Digital signal format system *	DVB-S, DVB-S2, DVB-T, DVB-T2	Number of OSD languages	38
Smart TV		Picture-in-Picture	✗
Smart TV *	✓	Hotel mode	✗
Internet TV *	✓	Basic hotel mode	✓
Operating system installed *	WebOS	Works with Amazon Alexa	✓
Operating system version	25	Works with the Google Assistant	✓
Apple AirPlay 2 support	✓	Works with Samsung Bixby	✗
Built-in Chromecast	✓	Works with Apple Siri	✓
Audio		Power	
Number of speakers *	2	Power consumption (standby) *	0.5 W
RMS rated power *	20 W	Energy efficiency class (SDR) *	F
Audio output channels	2.0 channels	Energy efficiency class (HDR) *	G
Built-in subwoofer	✗	Energy consumption (SDR) per 1000 hours *	99.9 kWh
Audio decoders	Dolby Digital	Energy consumption (HDR) per 1000 hours *	152 kWh
Sound modes	AI Sound Pro, Clear Voice Pro	AC input voltage	100-240 V
Enhanced Audio Return Channel (eARC)	✓	AC input frequency	50/60 Hz
Network		Energy saving mode	✓
Wi-Fi *	✓	Energy efficiency scale	A to G
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Power supply type	Internal
Bluetooth *	✓		

Network		Brand-specific features	
Bluetooth version	5.1	LG technologies (AV/TV)	AI Acoustic Tuning, AI Sound Pro, AI Super Upscaling 4K, Bluetooth Surround Ready, LG Sound Sync, ThinQ™, WOW Orchestra
Ethernet LAN *	✓		
Bluetooth profiles	A2DP		
Web browser	✓		
Design		Weight & dimensions	
Product colour *	Black	Width (with stand)	1454 mm
VESA mounting *	✓	Depth (with stand)	340 mm
Frameless design	✓	Height (with stand)	909 mm
Introduction year	2025	Weight (with stand)	23 kg
Performance		Width (without stand)	1454 mm
High Dynamic Range (HDR) technology	Dynamic Tone Mapping, Filmmaker Mode, High Dynamic Range 10 (HDR10), Hybrid Log-Gamma (HLG)	Depth (without stand)	57.7 mm
Game mode	✓	Height (without stand)	838 mm
Teletext function	✓	Weight (without stand)	21.6 kg
Subtitles function	✓	Stand width	78.4 cm
Video formats supported	AV1, HEVC/H.265, VP9	Stand depth	34 cm
High Dynamic Range (HDR) supported *	✓	Packaging data	
Processor cores	4	Package width	1600 mm
Game features	Auto Low Latency Mode (ALLM), Game Optimizer, HGiG, Variable Refresh Rate (VRR)	Package depth	228 mm
4K Ultra HD upscaling	✓	Package height	970 mm
Multi View	✓	Package weight	30.7 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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