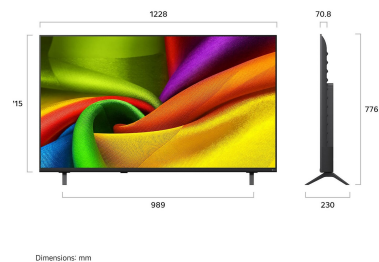


55NU850B6LA

LG NU850B6LA 55" NANO 4K UHD Smart TV *TV license*

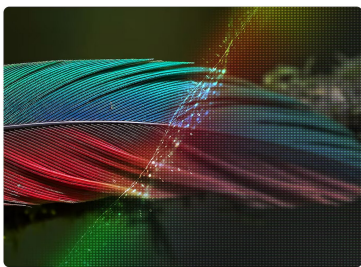
Product Overview

LG NU850B6LA 55" NANO 4K UHD Smart TV - 55" 4K UHD NanoCell Smart TV with Nano Detail Enhancer, "7 AI Processor 4K Gen9, Linear Flow Design, webOS 26 with AI Hub (Google Gemini + Microsoft Copilot), LG Shield security, HDR10 Pro, 20W Dolby Digital Plus audio, AI Sound Pro (9.1.2 up-mix), Clear Voice Pro, WOW Orchestra, 3x HDMI 2.1 (eARC, ALLM, CEC), 1x USB 2.0, Wi-Fi 5, Bluetooth 5.3, Ethernet, Miracast, Apple AirPlay, Google Cast, voice assistants (Copilot, ThinQ, Google Assistant), AI Magic Remote, anti-reflection panel (94% glare reduction), 4K 60Hz gaming, VESA 300x200mm wall mount, 1228x715x70.8mm (no stand), 9.5kg weight *TV license required*



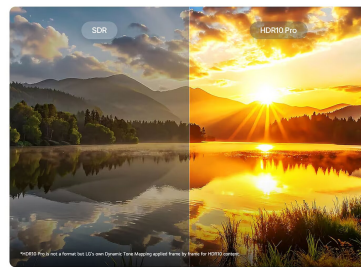
Nano Detail Enhancer refines contrast for more lifelike depth

Powered by the alpha AI Processor, your TV analyzes images to reveal nano details, boosting up contrast and depth for every scene.



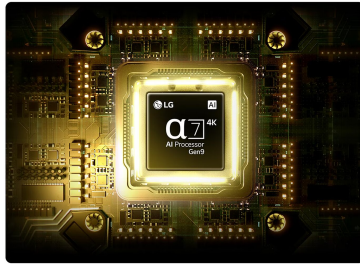
HDR10 Pro reveals detail and contrast in every scene

Our HDR10 Pro brings brighter highlights and deeper shadows. Dive into brighter scenes with richer detail.



Upgraded for smarter, more powerful processing

The alpha 7 AI Processor performs sophisticated image optimization to deliver 4K clarity with improved contrast and depth.



Specifications

About this product

The LG NU850B6LA 55-inch NanoCell 4K UHD Smart TV delivers detailed 4K picture quality with Nano Detail Enhancer, HDR10 Pro and the alpha 7 AI Processor 4K Gen9. Featuring webOS 26, AI Hub with Google Gemini and Microsoft Copilot, AI Magic Remote, and LG Shield security, this smart television combines intelligent entertainment with modern connectivity. Enjoy 20W audio with AI Sound Pro, Apple AirPlay, Google Cast, Bluetooth 5.3 and 3 x HDMI inputs for gaming and home entertainment. Buy the LG 55NU850B6LA NanoCell Smart TV online today for an advanced home viewing experience in South Africa.

Overview Summary

LG NU850B6LA 55-inch NanoCell 4K UHD AI Smart TV

The LG NU850B6LA is a 55-inch 4K UHD NanoCell Smart TV designed for immersive home entertainment, streaming, sports and gaming. Its 3840 x 2160 resolution delivers detailed images, while Nano Detail Enhancer and the alpha 7 AI Processor 4K Gen9 enhance picture detail, contrast and depth. HDR10 Pro further improves the presentation of compatible high dynamic range content.

Powered by webOS 26, this LG television provides access to smart entertainment features and AI Hub services, including Google Gemini and Microsoft Copilot. LG Shield security, an AI Magic Remote, Apple AirPlay, Google Cast and LG ThinQ connectivity add convenience for everyday use. The Linear Flow Design provides a modern finish, while the anti-reflection panel is designed to reduce distracting glare.

With three HDMI inputs, ALLM, VRR support up to 60Hz and Game Optimizer, the LG NU850B6LA is suitable for console gaming and everyday entertainment. Its 20W audio system includes AI Sound Pro virtual 9.1.2 up-mixing, Clear Voice Pro and WOW Orchestra compatibility for an enhanced listening experience.

Performance tier:Mid-range 4K UHD NanoCell Smart TV

Uses:4K movie streaming, television viewing, sports, console gaming, home entertainment, screen casting, smart home integration

Overview

The LG 55NU850B6LA is a premium 55-inch 4K UHD NanoCell Smart TV engineered for lifelike picture quality and immersive smart AI experiences. Featuring the Nano Detail Enhancer powered by the alpha 7 AI Processor 4K Gen9, it analyzes every frame to enhance contrast, detail, and brightness at a nano level, delivering sharper, more three-dimensional scenes. The Linear Flow Design offers a refined, solid finish that complements any space. With anti-reflection technology reducing up to 94% of glare, it's perfect for well-lit rooms.

Quick Specifications:

- Screen size: 55 inches
- Flat or curve: Flat
- Panel type: NanoCell LCD
- Aspect ratio: -
- Resolution: 3840 x 2160 pixels
- Refresh rate: 60Hz
- Brightness (nits): - nits
- Contrast ratio: -
- View angle (degrees): - degrees
- Response time (ms): - ms
- Frequency (Hz): 60Hz
- Sync: Variable Refresh Rate (VRR), ALLM, HGiG
- Video ports: 3 x HDMI
- VESA: 300 x 200 mm
- Monitor performance tier: Mid-range 4K UHD Smart TV
- Uses: Home entertainment, movie streaming, sports, console gaming, 4K video playback

Strong reasons to buy

- Detailed 4K picture: Nano Detail Enhancer and the alpha 7 AI Processor 4K Gen9 enhance picture detail, contrast and depth.
- Modern smart TV platform: webOS 26 provides access to smart entertainment and AI Hub features, including supported Google Gemini and Microsoft Copilot services.
- Useful gaming features: ALLM, VRR up to 60Hz and Game Optimizer support responsive console gaming.
- Flexible connectivity: Three HDMI inputs, USB, Wi-Fi, Bluetooth and Ethernet support a range of connected devices.
- Integrated sound enhancements: AI Sound Pro, Clear Voice Pro and WOW Orchestra provide additional audio processing and compatible sound system integration.

Description

The LG NU850B6LA 55-inch NanoCell 4K UHD Smart TV is designed for households looking for detailed picture quality, smart entertainment and versatile device connectivity. Its large 55-inch screen and 3840 x 2160 resolution provide four times the pixel count of Full HD, making it suitable for 4K movies, streaming services, sports broadcasts and compatible games.

NanoCell picture technology and AI processing

Nano Detail Enhancer works with the alpha 7 AI Processor 4K Gen9 to refine image detail, contrast and depth. The television also supports HDR10 Pro and HLG high dynamic range formats. AI upscaling can enhance compatible lower-resolution content towards 4K-like quality, although results depend on the original source. These technologies are designed to make a wide range of entertainment more detailed and visually engaging.

Smart entertainment with webOS 26

The webOS 26 platform brings supported streaming services, connected entertainment and AI features together in an accessible interface. AI Hub includes supported services such as Google Gemini and Microsoft Copilot. The AI Magic Remote supports convenient navigation and voice interaction, while LG ThinQ, Apple AirPlay and Google Cast provide additional options for connecting compatible devices. Internet access, accounts and service availability may be required for selected features.

Gaming and connectivity

For gaming, the LG NU850B6LA supports a native 60Hz refresh rate, Variable Refresh Rate up to 60Hz, Auto Low Latency

Mode and HGiG. Game Optimizer and Game Dashboard provide access to supported gaming settings. Three HDMI inputs allow compatible gaming consoles, media players and other HDMI devices to be connected. The television also includes one USB 2.0 port, Wi-Fi 5, Bluetooth 5.3 and Ethernet networking.

Audio and modern design

The integrated 20W, 2.0-channel speaker system provides everyday television audio. AI Sound Pro creates a virtual 9.1.2 up-mix from supported audio content, while Clear Voice Pro helps make dialogue clearer. WOW Orchestra supports compatible LG soundbars for coordinated audio playback. The Linear Flow Design gives the television a clean, modern appearance, and its anti-reflection panel is designed to reduce distracting glare in brighter rooms.

Installation and placement

The television measures 1228 x 715 x 70.8 mm without the stand and weighs 9.5 kg without the stand. Its VESA 300 x 200 mm mounting pattern supports installation with a compatible wall mount. Check the mount's supported screen size and weight, and ensure the wall and fixings are suitable before installation.

Features

The LG NU850B6LA combines 4K NanoCell picture technology, AI-enhanced processing, smart entertainment and practical connectivity for everyday home use.

- 55-inch 4K UHD display: Provides 3840 x 2160 resolution for detailed movies, streaming content and compatible games.
- Nano Detail Enhancer: Refines picture detail, contrast and depth for a more lifelike viewing experience.
- alpha 7 AI Processor 4K Gen9: Processes images to enhance clarity and picture presentation.
- HDR10 Pro and HLG: Support compatible high dynamic range content for enhanced image presentation.
- 4K Super Upscaling: Enhances compatible lower-resolution content towards 4K-like quality.
- webOS 26: Provides a smart TV interface for supported applications and connected entertainment.
- AI Hub: Provides access to supported AI features and services, including Google Gemini and Microsoft Copilot.
- LG Shield: Provides supported security features for the webOS platform.
- AI Magic Remote: Supports motion-based navigation, scrolling and voice commands.
- AI Sound Pro: Offers virtual 9.1.2 audio up-mixing for an enhanced sound presentation.
- 20W speaker system: Integrated 2.0-channel audio for everyday viewing.
- Clear Voice Pro: Helps improve dialogue clarity.
- WOW Orchestra: Supports coordinated audio output with compatible LG soundbars.
- Gaming features:

Includes ALLM, VRR up to 60Hz, HGiG and Game Optimizer.

- HDMI connectivity: Three HDMI inputs support compatible consoles, media players and other devices, with eARC, ALLM and CEC features.
- USB connection: One USB 2.0 port for compatible devices and supported media functions.
- Wireless connectivity: Wi-Fi 5 and Bluetooth 5.3 support compatible network and wireless accessories.
- Wired networking: Ethernet provides a wired network connection option.
- Screen casting: Supports Apple AirPlay and Google Cast with compatible devices and services.
- Anti-reflection panel: Designed to reduce glare during viewing.
- Linear Flow Design: Provides a refined appearance suitable for modern entertainment spaces.
- Wall mounting: VESA 300 x 200 mm mounting compatibility supports suitable wall-mounted installations.

How does LG NANO 4K UHD elevate clarity and detail?

LG NANO 4K UHD is made to reveal rich detail in every scene. Its Nano Detail Enhancer analyzes every frame to enhance contrast, detail, and brightness at a nano level. Sophisticated upscaling algorithms bring up resolution to 4K. Watch your favorite content in sharper, better quality.

Refines contrast for more lifelike depth

ComX Computers

Product Specification Sheet

Powered by the alpha AI Processor, your TV analyzes images to reveal nano details, boosting up contrast and depth to deliver more three-dimensional scenes.

Vivid details, deeper contrast in every scene

Our HDR10 Pro format brings brighter highlights and deeper shadows. Dive into brighter scenes with richer detail.

Upgraded for smarter, more powerful processing

Driven by enhanced GPU and CPU power, the alpha 7 AI Processor performs nano-scale image optimization to deliver 4K clarity with improved contrast and three-dimensional depth.

Immersive, surround sound with Virtual 9.1.2 Ch

AI Sound uses sophisticated algorithms to analyze sound and upscale it to create an audio experience that emulates surround sound even without any additional external speakers.

4K upscaling refines every frame for enhanced visual quality

Enhance visual clarity with 4K Super Upscaling delivering natural-looking 4K while Dynamic Tone Mapping tunes brightness and contrast for every frame.

Just press the AI button and get answers to any question

Even while watching, ask Google Gemini anything you're curious about and immediately get answers to your questions.

Get personalized content recommendations and information

AI Concierge suggests content and updates tailored to your interests. In This Scene provides relevant recommendations and information based on what you're watching, while Generative AI enables searching and creating images.

LG AI TV recognizes your voice and leads you to My Page tailored just for you!

Taken to My Page, you can see everything at a glance, from weather, calendar, and widgets to your favorite sports scores.

Making your sound, your way

Your TV adjusts the sound to your hearing preferences and optimizes overall sound quality to create a sound profile tuned precisely to you.

Knowing the problem before you ask

When your TV shows signs of trouble, the system detects the issue and provides step-by-step guidance right on your screen, helping you resolve it instantly or connect to support.

Making your picture, your way

Advanced algorithms learn your preferences. Based on your selections, your TV creates a personalized picture just for you.

Multi-layered protection with 7 core technologies

LG Shield's 7 core technologies ensure your data stays safe with secure data storage and management, secure cryptographic algorithms, ensured software integrity, user authentication and access control, secure data transmission, security event detection and response, and secure update management.

Your LG TV is built to last with LG Quad Protection

From hardware to software, your LG TV is protected. Built-in capacitors protect against high voltages, including lightning strikes, while semiconductors are engineered with surge protection. Silicon gel and protective coatings shield chipsets from humidity and even your data stays safe and secure with LG Shield.

Easily navigate and point like an air mouse to enjoy AI Hub

Control your TV easily with AI Magic Remote. With a motion sensor and scroll wheel, click, drag, and drop to use it like an air mouse or simply speak for voice commands.

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Product Specification Sheet

Home Hub, your all-in-one smart home platform

Home Hub brings all your smart devices together. Seamlessly connect, control, and interact with your home IoT devices across supported smart ecosystems.

Style your space with a variety of content to choose from

LG Gallery+ lets you access over 100+ artworks, ambient videos, and other visual content to elevate your space. With regular library updates, personalize your home with curated content that reflects your style.

Set the right vibe with music

Create the right atmosphere with music that matches your visuals. Use music recommended according to your preferences or connect via Bluetooth to play your own tracks.

Easily access Google Photos and showcase your memories

Conveniently connect your Google Photos account to your TV just by using your phone. Effortlessly personalize your space by using content from your own photo library.

Stay updated with an all-in-one personalized dashboard

See important information at a glance. Get weather updates, sports alerts, view your Google Calendar, and even set up notifications for Home Hub, your viewing reservations and more.

Switch from TV to artwork seamlessly

With Gallery Mode turned on, your TV can continue to save energy even while displaying your selected artworks adding a touch of style and elegance to your space.

Refined, solid finish that complements your space

Your TV features a modern metallic finish with real heft and a tasteful linear design that's made to elevate your space.

The bigger screen, the more immersive the experience

Enjoy sports action, every film, and game on an expansive LG NANO 4K UHD Ultra Big TV. With its vivid colors and refined picture quality, action unfolds with breathtaking scale and clarity.

Receive game predictions with AI

AI analyzes your team's stats and performance to provide game predictions. Cheer harder and enjoy supporting your team armed with these AI-generated insights.

Motion smoothing that adapts to every genre

TruMotion adjusts judder levels to apply the right amount of smoothing for a natural viewing experience from movies, sports, and more.

Set up alerts and never miss a moment

Catch every moment of the action. Set up your alerts and get notified about your team's game schedules, scores, and more.

Game to win with smooth performance

Have a great gaming experience with up to 60Hz VRR. With the first-ever BT ULL-certified controller paired with fast refresh rate, every gaming moment becomes more enjoyable.

World's first TV to support Bluetooth Ultra Low Latency Controllers

Experience ultra-low latency, high-performance cloud gaming with Bluetooth Ultra Low Latency Controller support, reducing input delay to less than 3.0ms. Enjoy seamless, responsive control that feels just like a wired connection, even when playing in the cloud.

Watch movies as the director intended

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Product Specification Sheet

Filmmaker Mode turns off extra processing and preserves the director's chosen color, motion, and aspect ratio. Movies play back with the same look and feel intended in the studio.

Full surround sound system from LG TV and Soundbar in sync

By synchronizing the TV and Soundbar as one, the system expands depth and directionality for a fuller surround experience.

Assistive features make viewing more inclusive:

LG TVs are designed with accessibility in mind with features such as Color Adjustment Filter, a Sign Language Guide, and direct connectivity support for audio assistive devices.

What's in the Box

- LG NU850B6LA 55-inch NanoCell 4K UHD Smart TV
- LG AI Magic Remote MR26
- Detachable power cable

Specifications

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Specifications	
Product Code	55NU850B6LA
PICTURE (PROCESSING)	
Picture Mode	9 modes
AI HDR Remastering	Yes
AI Upscaling	4K Super Upscaling
Picture Processor	Alpha 7 AI Processor 4K Gen9
HDR (High Dynamic Range)	HDR10 / HLG
FILMMAKER MODE	Yes
Dynamic Tone Mapping	Yes
Auto Calibration	Yes
GAMING	
VRR (Variable Refresh Rate)	Yes (Up to 60Hz)
Game Optimizer	Yes (Game Dashboard)
HGIG Mode	Yes
ALLM (Auto Low Latency Mode)	Yes
AUDIO	
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, apt-X (Refer to manual)
Audio Output	20W
WOW Orchestra	Yes
Speaker System	2.0 channel

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Product Specification Sheet

Speaker Direction	Down Firing
Sound Mode Share	Yes
Simultaneous Audio Output	Yes
LG Sound Sync	Yes
Clear Voice Pro	Yes
AI Sound	AI Sound Pro (Virtual 9.1.2 Up-mix)
Adaptive Acoustic Tuning	Yes
ACCESSIBILITY	
Invert Colors	Yes
High Contrast	Yes
Gray Scale	Yes
DIMENSIONS AND WEIGHTS	
VESA Mounting (WxH)	300 x 200
TV Dimensions without Stand (WxHxD)	1228 x 715 x 70.8
TV Weight with Stand	9.6
TV Weight without Stand	9.5
TV Stand (WxD)	989 x 230
TV Dimensions with Stand (WxHxD)	1228 x 776 x 230
Packaging Weight	12.6
Packaging Dimensions (WxHxD)	1356 x 805 x 120
POWER	
Standby Power Consumption	Under 0.5W
Power Supply (Voltage, Hz)	AC 100~240V 50/60Hz
ACCESSORIES INCLUDED	
Power Cable	Yes (Detachable)
Remote	AI Magic Remote MR26
BROADCASTING	
Digital TV Reception	DVB-T2/T (Terrestrial), DVB-C (Cable), DVB-S2/S (Satellite)
Analog TV Reception	Yes
CONNECTIVITY	
Wi-Fi	Yes (Wi-Fi 5)
USB Input	1ea (v 2.0)
Simplink (HDMI CEC)	Yes
Bluetooth Support	Yes (v 5.3)
RF Input (Antenna/Cable)	2ea
Ethernet Input	1ea

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Product Specification Sheet

HDMI Audio Return Channel	eARC (HDMI 2)
HDMI Input	3ea (supports eARC, ALLM)
PICTURE (DISPLAY)	
Display Type	4K UHD
Display Resolution	4K Ultra HD (3,840 x 2,160)
Backlight Type	Direct
Refresh Rate	60Hz Native
SMART TV	
Works with Apple Home	Yes
Works with Apple Airplay	Yes
Smartphone Remote App	Yes (LG ThinQ)
Operating System (OS)	webOS 26
My Page	Yes
LG Shield	Yes
LG Gallery+	Yes (Paid service availability varies by country)
Intelligent Voice Recognition	Yes
Home Hub	Yes (LG ThinQ)
Google Cast	Yes
Full Web Browser	Yes
AI Voice ID	Yes
AI Picture/Sound Wizard	Yes
AI Magic Remote	Built-In
AI Chatbot	Yes

FAQ

What is the resolution of the LG NU850B6LA Smart TV?

The LG NU850B6LA has a 4K UHD resolution of 3840 x 2160 pixels for detailed viewing of compatible content.

Does the LG NU850B6LA support HDR?

Yes. It supports HDR10 and HLG formats. HDR performance depends on the source content and viewing conditions.

Does this LG television support gaming?

Yes. It supports a native 60Hz refresh rate, Variable Refresh Rate up to 60Hz, Auto Low Latency Mode, HGiG and Game Optimizer for compatible gaming devices.

How many HDMI ports does the LG NU850B6LA have?

The television has three HDMI inputs. Supported features include eARC, ALLM and HDMI CEC. The eARC connection is on HDMI 2.

Can I connect my phone to the LG NU850B6LA?

Yes. It supports Apple AirPlay and Google Cast for compatible devices. Supported functions and availability depend on device compatibility, network configuration and software.

Does the LG NU850B6LA have Bluetooth and Wi-Fi?

Yes. It includes Wi-Fi 5 and Bluetooth 5.3, as well as an Ethernet input for wired network connectivity.

Does the LG NU850B6LA support Google Gemini and Microsoft Copilot?

Yes. The webOS 26 AI Hub supports access to Google Gemini and Microsoft Copilot features where available. Internet access, accounts, software and regional service availability may affect access.

Can the LG NU850B6LA be mounted on a wall?

Yes. It supports VESA 300 x 200 mm mounting. Use a compatible wall bracket rated for the television's size and weight and follow the installation instructions.

What are the dimensions of the LG NU850B6LA without its stand?

The television measures 1228 x 715 x 70.8 mm without the stand and weighs 9.5 kg.

What audio features does this LG Smart TV offer?

It includes a 20W, 2.0-channel speaker system with AI Sound Pro virtual 9.1.2 up-mixing, Clear Voice Pro and WOW Orchestra support for compatible LG soundbars.

Does the LG NU850B6LA include a remote control?

Yes. The supplied accessories include the AI Magic Remote MR26 and a detachable power cable.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/55NU850B6LA-LG-NU850B6LA-55-NANO-4K-UHD-Smart-TV-TV-license-p-341845.php>

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