



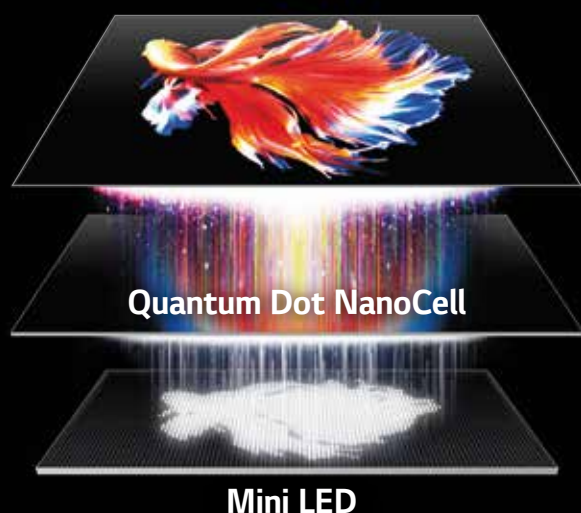
QNED & NanoCell Collection 2022

LG QNED MiniLED

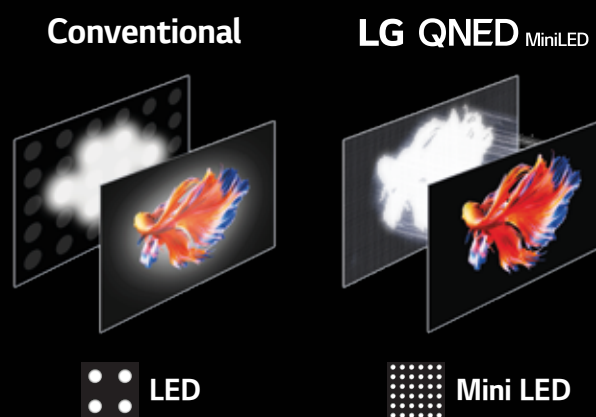
Quantum Dot Meets NanoCell

Ignite your senses with QNED color

Experience color that's out of this world with the combined power of Quantum Dot and NanoCell.



Quantum Dot NanoCell Technology



Mini LED Backlight Control

Mini LEDs

A small light makes a big difference

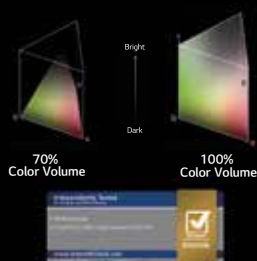
LG QNED features Mini LEDs, a smaller, more sophisticated backlight technology. Thanks to this, LG QNED can display higher peak brightness, deeper blacks, and greater precision and detail than your average LED TV.



Precision Dimming Pro Maximize the power of pro

Our most advanced dimming technology, Precision Dimming Pro, utilizes thousands of individual dimming blocks for precise backlight control. Combined with the α7 Gen5 AI Processor 4K, delivers a sharply defined and accurately lit image.

*QNED91 features Precision Dimming Pro. *QNED86 features Precision Dimming. *QNED81 features Local Dimming. Images are simulated to enhance feature understanding.



100% Color Volume We put color on full blast

With LG QNED's 100% Color Volume, certified by Intertek, the display covers the full luminance range. Ensuring a more rich and accurate color no matter how bright or dark the display.

*QNED 91/86 feature 100% Color Volume. *Display Color Gamut Volume (CGV) is equivalent to or exceeds the CGV of the DCI-P3 color space as verified independently by Intertek. *70% Color Volume refers to LG UHD TVs without NanoCell Technology. *Images are simulated to enhance feature understanding.



100% Color Consistency Different angles, same original color

With LG QNED's 100% Color Consistency, colors are displayed vividly and accurately even when viewed from angles of up to 30°.

*QNED 91 features 100% Color Consistency. *Certified by Intertek that 100% Color Consistency measured to CIE DE2000 by 18 color Macbeth patterns with viewing angle ±30°. *All models supporting 100% Color Consistency have been certified by Intertek.



Ultra-large Screen

When we said big, we meant it

Take your viewing to the next level with vibrant QNED color in an ultra-large screen.



Full HD
1920 x 1080 pixels



4K Mini LED
3840 x 2160 pixels



AI 4K Upscaling

Welcome to a world of higher resolution

AI 4K Upscaling uses deep-learning to analyze and restore lost information, transforming lower resolution content into stunningly immersive 4K.



α7 Gen5 AI Processor 4K

We put the pro in processor

Our advanced processor, the α7 Gen5 AI Processor 4K, delivers a truly powerful experience.

QNED91/86/81 feature the α7 Gen5 AI Processor 4K.



AI Picture Pro

Optimizes picture like a pro

From a database of over a million data points, deep-learning algorithms recognize content type and optimize picture quality to enhance viewing experience in real-time.

* AI Picture Pro will not work with any copyright-protected content on OTT services.

* Conventional refers to LG UHD TVs without NanoCell Technology.

* Images are simulated to enhance feature understanding.



AI Sound Pro

Surround yourself with cinematic sound

Experience the immersion of 3D spatial sound with Dolby Atmos. Deep-learning algorithms transform 2-channel audio into stunningly immersive virtual 5.1.2 surround sound.



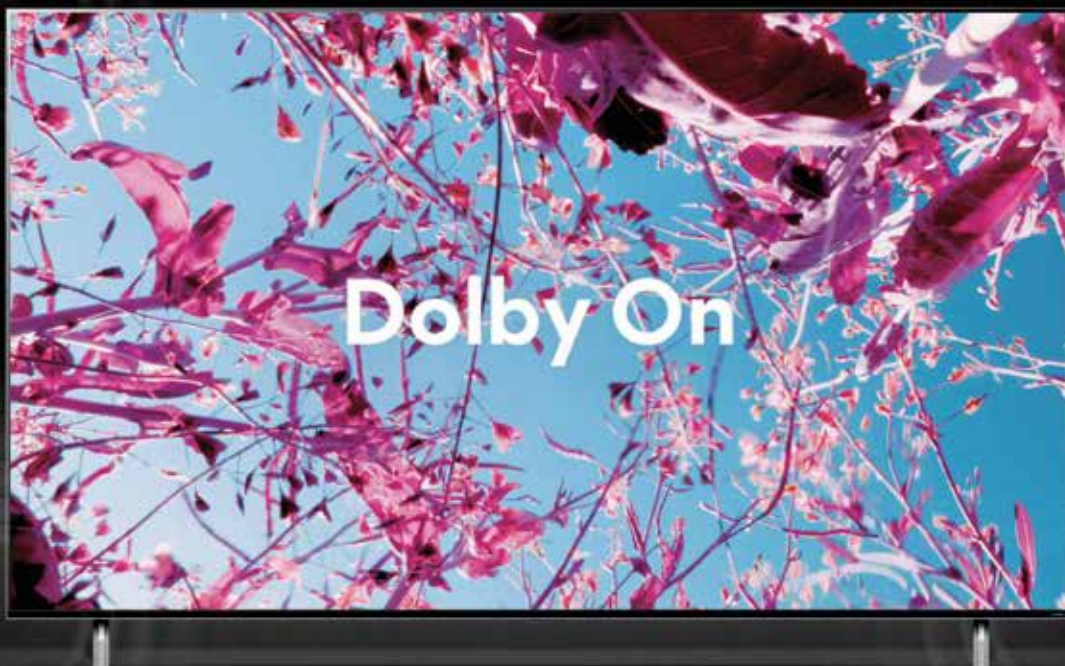
Dynamic Tone Mapping

A clear difference in contrast

Multi-tone HDR image mapping analyzes each area of a frame and optimizes shading and contrast in real-time for clearer detail in every scene.

* Images are simulated to enhance feature understanding.

QNED Cinema



Dolby Vision IQ & Dolby Atmos Cinema-worthy picture and sound

Dolby Atmos delivers immersive, multi-dimensional sound while Dolby Vision IQ optimizes picture quality to match the content genre and ambience using metadata and the TV's built-in light sensors.

* QNED91/86 feature Dolby Vision IQ & Dolby Atmos. * Images are simulated to enhance feature understanding.

Dolby
VISION IQ

Dolby
ATMOS



HDR10 Pro Lifelike clarity with HDR. Whoa

LG's High Dynamic Range technology, HDR10 Pro, adjusts brightness levels, enhances color, details and intensifies regular HDR content.

*Conventional refers to LG UHD TVs without NanoCell Technology
*Images are simulated to enhance feature understanding.



FILMMAKER MODE™ Scenes straight from the director's cut

FILMMAKER MODE™ turns off motion smoothing and preserves the film's original aspect ratios, colors and frame rates to present the director's vision.

*Support for FILMMAKER MODE™ may vary by country.



ThinQ AI & webOS

Smart has never been this simple

LG OLED ThinQ AI TV features support for Google Assistant, Amazon Alexa, Apple Airplay, HomeKit, and many more. It makes controlling your TV and connected devices quicker and more convenient than before.

LG ThinQ AI



Ok Google



alexa built-in



Entertainment

All your favorites in one place

Find virtually anything to watch on the available streaming apps. With Netflix¹⁴, Disney+Hotstar¹⁵, Amazon Prime¹⁶, Apple TV+¹⁷ and more, something exciting is always showing.

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My Profile Enjoy a specially curated experience

LG TV webOS now features My Profile, enabling easy creation and switching between individual profiles. The home screen can be tailored to give each different account personalized content recommendations, sports alerts, and quick access to favorite apps.

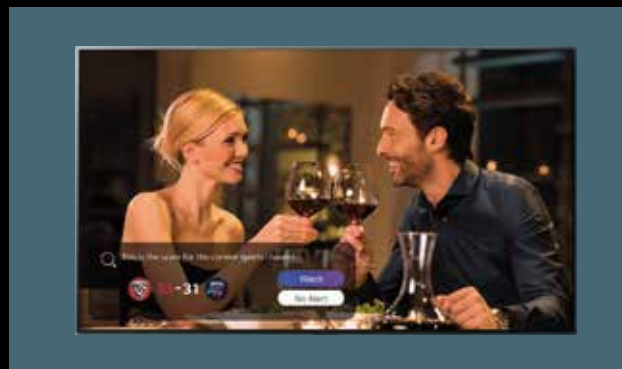
*Reduced or limited content may be shown depending on region and network connectivity.



New Magic Remote More like a magic wand

The redesigned Magic Remote boasts of an ergonomic design and Built-in AI that provides easy access to services.

*QNED91 features Always Ready.



Sports Alert Never miss your team play

Sports Alert* notifies you before, during and after games. Get notified and never miss out on any of your favorite games.

*Usage may vary by country.
*The supported sports and leagues may differ by country.

Advanced Gaming

Upgrade your gaming setup with a next-level TV designed for ultimate next-gen gaming.



AMD FreeSync™ & VRR

Less stutter, less tear, more fun

AMD FreeSync™ Premium and a variable refresh rate significantly reduce stuttering, tearing and input lag, allowing you to enjoy fast, smooth gameplay even in fast-paced HDR games.

*QNED 91/86/81 feature AMD FreeSync™ Premium. *QNED 91/86/81 feature VRR. * Screen images simulated.

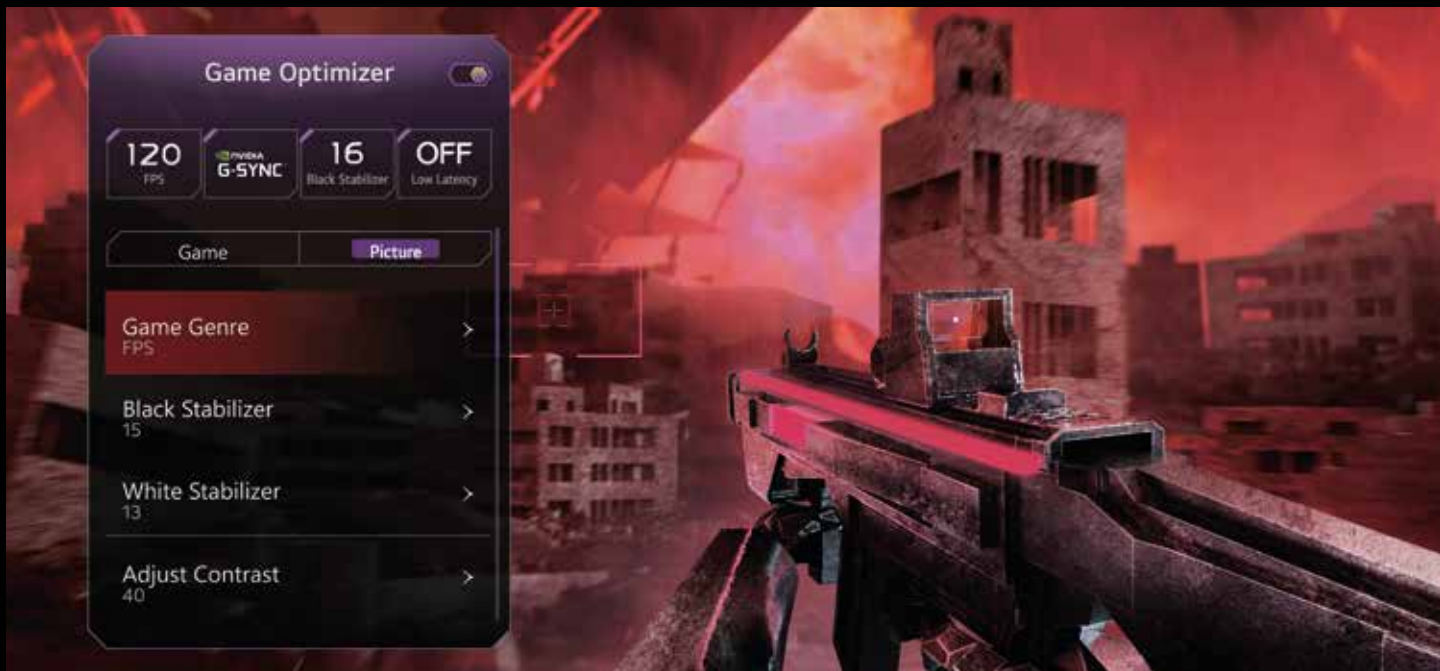


4K 120Hz, ALLM & eARC

Some serious gaming specs

Supporting Dolby Vision® HDR at 4K 120Hz, LG QNED is a dream for gamers. ALLM and eARC at the latest HDMI 2.1 specifications reduce motion blur and ghosting so that you can enjoy fast, immersive gameplay in high resolution.

*QNED91/86/81 feature 4K 120Hz. *QNED81 does not support Dolby Vision® HDR.



Game Optimizer

You'll want to shortcut this

Whatever the genre, Game Optimizer makes the playing experience better with two easy-to-navigate menus. The Gaming tab allows for quick selection and optimization according to game genre and mode, while the Picture tab fine-tunes the display.

*Availability of software updates may vary depending on model and region. *Items in the Game Optimizer menu may vary by series.

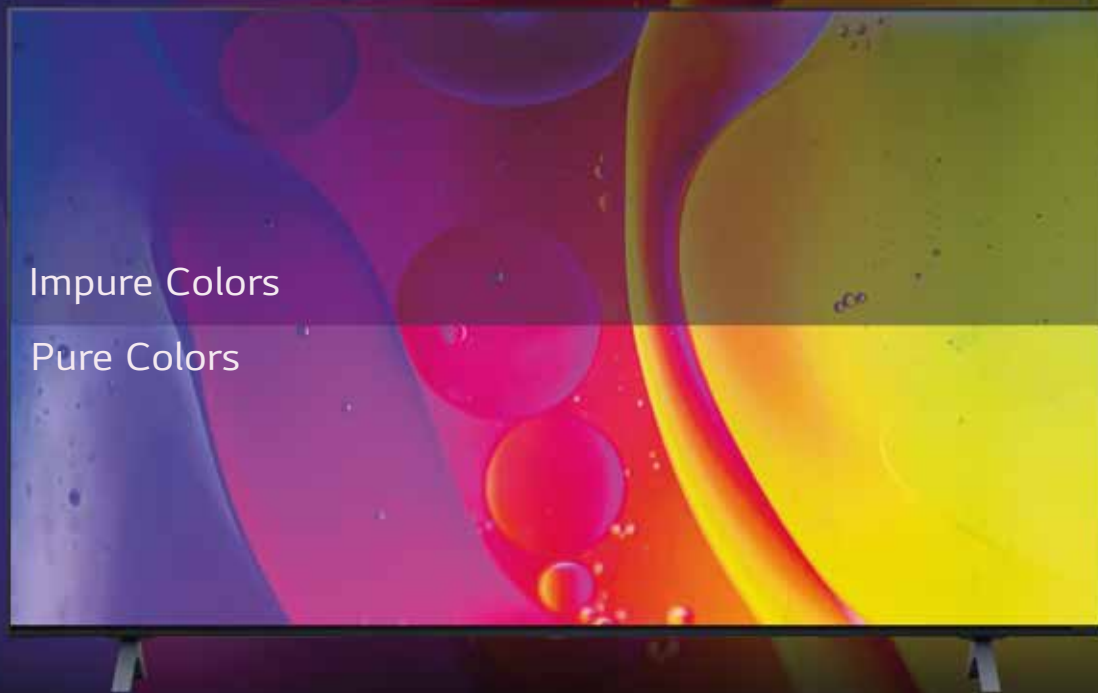


Game Dashboard

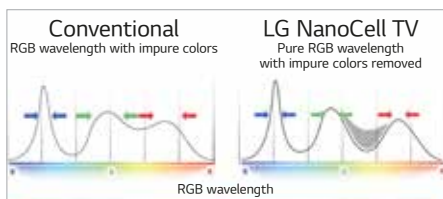
Stay in control without breaking your immersion

The new Game Dashboard provides easy access to Game Optimizer and essential gaming settings, allowing you convenient control without breaking your immersion.

Essential Color Technology



Reveal Pure Colors with NanoCell™ Display



NanoCell Technology applies nanoparticles that filter out dull colors and enhance the purity of the RGB spectrum.



*Conventional means TVs without in-plane switching technology. The relative size of the color gamut set at 100% when viewed from the center (0 degree). *The data is based on LG internal research.

Wide Viewing Angle, Colors Stay Accurate

Unlike conventional TVs that may distort colors when a picture is viewed from the side, LG NanoCell TV precisely preserves color from both sides and the front viewing angles.



α5 Gen5 AI Processor 4K

Remastered pure color powered by processing

The α5 Gen5 AI Processor 4K analyzes the original content and optimizes it for improved quality.



AI Brightness Control

Automatically adjusts your screen's brightness to match the surrounding ambient lighting levels, ensuring optimal viewing in any setting.



AI Sound Pro

AI deep learning algorithms adjust sound settings based on the type of content you're viewing and enhance the audio-visual experience.



QLED91

Sizes	190 cm (75) / 164 cm (65)
Resolution	4K (3840 x 2160)
Display	Real 4K Quantum Dot Nanocell + MiniLED
Processor	α7 Gen 5 AI Processor 4K
Refresh Rate	120 Hz
Dolby Support	Dolby Vision IQ + Dolby Atmos
Picture Quality	AI Picture Pro, Dynamic Tone Mapping, Precision Dimming Pro
Sound Quality	AI Sound Pro, AI Acoustic Tuning
Speaker	2.2 ch / 40W
Sound	Virtual Surround 5.1.2
AI Smart	LG ThinQ AI, Built-in Google Assistant & Alexa, Apple Airplay & HomeKit
Always Ready	Yes
Cinema	FILMMAKER MODE™, Netflix, Prime Video, Disney+ Hotstar, Apple TV+ and many more
Game	AMD FreeSync Premium / VRR / HGiG Profile
HDMI features	ALLM/eARC
Bandwidth	2x HDMI 2.1** / 2x HDMI 2.0
Sports	Sports Alert / Bluetooth Surround Ready
Platform	webOS 22 with User Profiles & Family Settings



QLED86

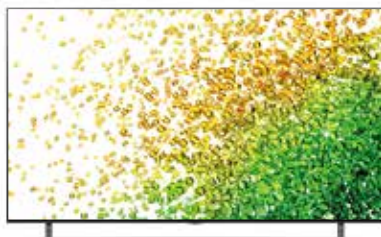
Sizes	190 cm (75)
Resolution	4K (3840 x 2160)
Display	Real 4K Quantum Dot Nanocell + MiniLED
Processor	α7 Gen 5 AI Processor 4K
Refresh Rate	120 Hz
Dolby Support	Dolby Vision IQ + Dolby Atmos
Picture Quality	AI Picture Pro, Dynamic Tone Mapping, Precision Dimming
Sound Quality	AI Sound Pro, AI Acoustic Tuning
Speaker	2.2 ch / 40W
Sound	Virtual Surround 5.1.2
AI Smart	LG ThinQ AI, Built-in Google Assistant & Alexa, Apple Airplay & HomeKit
Always Ready	-
Cinema	FILMMAKER MODE™, Netflix, Prime Video, Disney+ Hotstar, Apple TV+ and many more
Game	AMD FreeSync Premium / VRR / HGiG Profile
HDMI features	ALLM/eARC
Bandwidth	2x HDMI 2.1** / 2x HDMI 2.0
Sports	Sports Alert / Bluetooth Surround Ready
Platform	webOS 22 with User Profiles & Family Settings



QLED81

Sizes	190 cm (75) / 164 cm (65) / 139 cm (55)
Resolution	4K (3840 x 2160)
Display	Real 4K Quantum Dot Nanocell
Processor	α7 Gen 5 AI Processor 4K
Refresh Rate	120 Hz
Dolby Support	-
Picture Quality	AI Picture Pro, Dynamic Tone Mapping, Local Dimming
Sound Quality	AI Sound Pro, AI Acoustic Tuning
Speaker	2.0 ch / 20W (190 cm (75)) : 2.2 ch / 40W
Sound	Virtual Surround 5.1.2
AI Smart	LG ThinQ AI, Built-in Google Assistant & Alexa, Apple Airplay & HomeKit
Always Ready	-
Cinema	FILMMAKER MODE™, Netflix, Prime Video, Disney+ Hotstar, Apple TV+ and many more
Game	AMD FreeSync Premium / VRR / HGiG Profile
HDMI features	ALLM/eARC
Bandwidth	2x HDMI 2.1** / 2x HDMI 2.0
Sports	Sports Alert / Bluetooth Surround Ready
Platform	webOS 22 with User Profiles & Family Settings

*4K@120Hz, eARC (Enhanced Audio Return Channel), VRR (Variable Refresh Rate) and ALLM (Auto Low Latency Mode) with HDMI 2.1
*Images and specifications of each product may vary by region, country or screen size.



NANO83

Sizes 164 cm (65) / 139 cm (55)

Resolution 4K (3840 x 2160)

Display Real 4K Nanocell with Ultra Bright Panel

Processor Quad Core Processor

Picture Quality AI Brightness Control, Local Dimming, Dynamic Tone Mapping

Sound Quality AI Sound, AI Acoustic Tuning

Speaker 2.0 ch / 20W

Sound -

AI Smart LG ThinQ AI, Built-in Google Assistant & Alexa, Apple Airplay & HomeKit

Cinema FILMMAKER MODE™, Netflix, Prime Video, Disney+ Hotstar, Apple TV+ and many more

Game Game Optimizer / Game Dashboard / HGiG Profile

Ports 4 x HDMI / 2 x USB

Sports Sports Alert / Bluetooth Surround Ready

Platform webOS 6 with New Home Screen



NANO80

Sizes 164 cm (65) / 139 cm (55)

Resolution 4K (3840 x 2160)

Display Real 4K Nanocell

Processor α5 Gen 5 AI Processor 4K

Picture Quality AI Brightness Control, Local Dimming, Dynamic Tone Mapping

Sound Quality AI Sound Pro, AI Acoustic Tuning

Speaker 2.0 ch / 20W

Sound Virtual Surround 5.1.2

AI Smart LG ThinQ AI, Built-in Google Assistant & Alexa, Apple Airplay & HomeKit

Cinema FILMMAKER MODE™, Netflix, Prime Video, Disney+ Hotstar, Apple TV+ and many more

Game Game Optimizer / Game Dashboard / HGiG Profile

Ports 4 x HDMI / 2 x USB

Sports Sports Alert / Bluetooth Surround Ready

Platform webOS 22 with User Profiles & Family Settings



NANO75

Sizes 218 cm (86) / 190 cm (75) / 177 cm (70) / 164 cm (65) / 139 cm (55) / 127 cm (50) / 108 cm (43)

Resolution 4K (3840 x 2160)

Display Real 4K Nanocell

Processor α5 Gen 5 AI Processor 4K / 218 cm (86) : α7 Gen 5 AI Processor 4K

Picture Quality AI Brightness Control, Local Dimming, Dynamic Tone Mapping

Sound Quality AI Sound Pro, AI Acoustic Tuning

Speaker 2.0 ch / 20W

Sound Virtual Surround 5.1.2

AI Smart LG ThinQ AI, Built-in Google Assistant & Alexa, Apple Airplay & HomeKit

Cinema FILMMAKER MODE™, Netflix, Prime Video, Disney+ Hotstar, Apple TV+ and many more

Game Game Optimizer / Game Dashboard / HGiG Profile

Ports 3 x HDMI / 2 x USB | 218 cm (86) : 4 x HDMI / 2 x USB

Sports Sports Alert / Bluetooth Surround Ready

Platform webOS 22 with User Profiles & Family Settings



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