

PICTURE(PANEL)

Resolution	Ultra HD 7680 x 4320
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Display Type	8K NanoCell
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Dimming Technology	Full Array Dimming Pro
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PICTURE(PROCESSING)

Picture Processor	α9 Gen4 AI Processor 8K
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Refresh Rate	100 (120) Hz
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HDR	Cinema HDR
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Dolby Vision IQ	Yes
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HDR 10 Pro	Yes
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HLG	Yes
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HDR Dynamic Tone Mapping	Pro (+ AI HDR Tone Mapping)
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Ultra Luminance	Ultra Luminance Pro
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Face Enhancing	Yes* (Face+Body+Object Enhancing)
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Color Enhancer	Advanced color & contrast enhancer
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Active Noise Reduction	Quad Step NR
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Wide Color Gamut	Nano Color Pro
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Billion Rich Color	Yes
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True Color Accuracy	Pro
FILMMAKER MODE™	Yes
Resolution Upscaler	AI 8K Upscaler
Motion Pro	NANOCeLL

GAMING FEATURES

Professional Game TV	Yes
HGIG Mode	Yes
ALLM (Auto Low Latency Mode)	Yes
Game Optimizer	Yes

AI FEATURES(ARTIFICIAL INTELLIGENCE)

LG AI ThinQ™	Yes
Google Assistant	Google Assistant (Built-in)
Amazon Alexa	Alexa (Built-in)
Apple	Apple Airplay 2, Apple HomeKit
AI Picture Pro/ AI Picture	AI Picture Pro
AI Brightness Control	Yes
Scene Analysis	Yes
Intelligent Voice Recognition	Yes
AI Functions	AI UX, AI Home, AI Recommendation, Intelligent Edit, Conversational AI

Home Dashboard	Yes
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Hands-free Voice Control	Yes
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SMART TV FEATURES

Operating System	LG webOS Smart TV
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WebOS Home	New (Full Screen)
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Magic Remote Control	Yes (Universal Control, Point, Click, Scroll, Voice)
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Magic Tap	Yes
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LG Content Store	Yes
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Full Web Browser	Yes
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Art Gallery	Yes
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Sports Alert	Yes
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Direct Keys (Apps)	Netflix, Prime Video, Disney+ Hotstar
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AUDIO

Speaker System	4.2 Ch Speaker
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Audio Output (rms)	60W
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Sub Woofer	Yes (20W)
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Dolby Atmos	Yes
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Speaker Direction	Down Firing
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AI Sound Pro/ AI Sound	AI Sound Pro
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AI Acoustic Tuning	Yes
Auto Volume Leveling	Yes
WiSA Ready	WiSA 2.1 ch (Separate Dongle to be purchased)
Clear Voice	Clear Voice Pro
Bluetooth Audio Playback	Yes (2 Way Playback)
TV Sound Mode Share	Yes

CONNECTIVITY

Wi-Fi Standard	Wi-Fi Certified 802.11 ac
Bluetooth	Yes (V 5.0)
Simplink (HDMI CEC)	Yes
Share & Control	Yes
Mobile Connection Overlay	Yes
Magic Mobile Connection	Yes

INPUTS & OUTPUTS

HDMI Input	2 (Rear) / 2 (Side)
USB Ports	2 (Rear) / 1 (Side)
HDMI Audio Return Channel	eARC (HDMI 2)
RF Input	2 (Rear, RF/Sat)
LAN	1 (Rear)

Digital Audio Out (Optical)	1 (Rear)
Headphone Out	1 (Rear)
HDMI Version	HDMI 2.1 (All 4 ports)

POWER

Power Supply (Voltage, Hz)	AC 100~240V 50-60Hz
Power Consumption Standby Mode	Under 0.5 W

DIMENSION SET

Set Weight (without Stand) Kg	42.1
Set Weight (With Stand) Kg	43.1
Set Weight (In Carton) Kg	52.6
Set WXHxD (without Stand) mm	1673 x 963 x 44.9
Set WXHxD (with Stand) mm	1673 x 1029 x 359

SUPPLIED ACCESSORIES

Magic Remote	Yes (MR21N)
e-manual	Yes
Remote Control Batteries	Yes