

PICTURE(PANEL)

Resolution	Ultra HD 7680 x 4320
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Display Type	8K OLED
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Dimming Technology	Self Lighting Pixel
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Eye Comfort Display	Yes
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PICTURE(PROCESSING)

Picture Processor	α9 Gen4 AI Processor 8K
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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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Perfect Black	Infinite Contrast
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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	Perfect Color
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Billion Rich Color	Yes
True Color Accuracy	Pro
FILMMAKER MODE™	Yes
Resolution Upscaler	AI 8K Upscaler
Motion Pro	OLED

GAMING FEATURES

HFR (High Frame Rate)	4K 120 FPS
Professional Game TV	Yes
G-Sync Compatible	Yes
AMD FreeSync premium™	Yes
HGIG Mode	Yes
VRR (Variable Refresh Rate)	Yes
ALLM (Auto Low Latency Mode)	Yes
Response Time	1 ms
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 8K
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
Hands-free Voice Control	Yes

SMART TV FEATURES

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

AUDIO

Speaker System	4.2 Ch Speaker
Audio Output (rms)	80W
Sub Woofer	Yes (40W)
Dolby Atmos	Yes
Speaker Direction	Front Firing (Reflector)
AI Sound Pro/ AI Sound	AI Sound Pro
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 802.11ac
Bluetooth	Yes (V 5.0)
Simplink (HDMI CEC)	Yes
Share & Control	Yes
Mobile Connection Overlay	Yes

INPUTS & OUTPUTS

HDMI Input	4 (Side)
USB Ports	2 (Side) /1 (Bottom)
HDMI Audio Return Channel	eARC (HDMI 2)
RF Input	1 (Bottom, RF)
LAN	1 (Bottom)
Digital Audio Out (Optical)	1 (Bottom)
Headphone Out	1 (Bottom)
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	42.0
Set Weight (With Stand) Kg	104.0
Set Weight (In Carton) Kg	151
Set WXHxD (without Stand) mm	1961 x 1120 x 49.9
Set WXHxD (with Stand) mm	1961 x 1456 x 281

SUPPLIED ACCESSORIES

Magic Remote	Yes (Signature PM21)
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e-manual

Yes

Remote Control Batteries

Yes
