

PICTURE(PANEL)

Display Type	4K Quantum Dot NanoCell Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Backlight Type	Mini-LED
Backlight Dimming Technology	Precision Dimming
Object Brightness Booster	Yes
Quantum Dot NanoCell Color Technology	Yes
Billion Rich Colors	Yes
100% Color Volume	Yes

PICTURE(PROCESSING)

Picture Processor	α7 Gen 5 AI Processor 4K
AI Picture	AI Picture Pro
Upscaling	AI 4K Upscaling
Refresh Rate	120Hz Native

SOUND(PROCESSING)

AI Sound	AI Sound Pro
TV Sound Mode Share	Yes
Bluetooth Surround Ready	Yes

HOME CINEMA

HDR	Cinema HDR (Dolby Vision, HDR10, HLG) Dynamic Tone Mapping Pro
Dolby Vision IQ	Yes
Filmmaker Mode	Yes
Magic Explorer	Yes
Next Picks	Yes

GAMING

Game Optimizer	Yes
FreeSync Premium™	Yes
VRR (Variable Refresh Rate)	Yes
ALLM (Auto Low Latency Mode)	Yes
HGiG	Yes
Cloud Gaming	Google STADIA / NVIDIA GEFORCE NOW

SMART TV

Operating System	webOS 22
Content Partners	Netflix, HBO Max, Prime Video, Disney+, Apple TV, Hulu, Paramount+, Peacock, Youtube TV, Spotify, iHeartRadio and more
LG Content Store (App Store)	Yes
Full Web Browser	Yes

LG Channels	Yes
Sports Alert	Yes
Art Gallery	Yes
Who.Where.What?	Yes
Home Dashboard	Yes
Room to Room Share	Yes (Receiver Only)
"Works With"	Google Assistant, Alexa, Apple Airplay2 and Homekit (Separate device purchase necessary)

AI TV(ARTIFICIAL INTELLIGENCE)

LG ThinQ® AI	Yes
Magic Remote Control	Yes (Point, Click, Scroll, Voice)
Universal Remote Control	Yes (Auto Device Detection)
Voice Assistants	Google and Alexa Built-in (No separate device purchase necessary)
Intelligent Voice Recognition	Yes

AUDIO

Speaker System	2.2 Channel
Output Power	40W
Speaker Direction	Down Firing
Dolby Atmos	Yes

WiSA Ready

Yes (Separate Dongle Purchase Required) *Up to 2.1 Channel

Audio Codec

AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (refer to manual)

LG Sound Sync

Yes

CONNECTIVITY**Wi-Fi® Standard**

Wi-Fi Certified 802.11ac

Bluetooth® Support

Version 5.0

IP Control

Yes

HDMI-CEC (Simplink)

Yes

TV Tuner

ATSC, Clear QAM

Smart Phone Connectivity

Yes

INPUTS & OUTPUTS**HDMI Input (HDCP 2.2)**

4 (side)

HDMI 2.1 (4K @ 120Hz)

HDMI ports 3,4

HDMI Audio Return Channel (ARC)

eARC (HDMI 3)

USB Ports (v 2.0)

1 (rear) / 1 (side)

RF Connection Input (Antenna/Cable)

1 (Side)

Ethernet Input

1 (rear)

RS-232C Input (Mini Jack)

1 (rear)

Digital Audio Output (Optical)

1 (side)

POWER

Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5 W
Typical Power Consumption	86.5 W
Annual Power Consumption	151 kWh/y

DIMENSIONS/WEIGHTS/UPC

TV Dimensions with Stand (WxHxD)	48.5" x 30.7" x 10.1"
TV Dimensions without Stand (WxHxD)	48.5" x 28.2" x 1.8"
Packaging Dimensions (WxHxD)	55.9" x 32.9" x 7.4"
Stand Width	43.5"
TV Weight with Stand	44.5 lbs
TV Weight without Stand	43.7 lbs
Packging Weight	58.4 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174029343

ACCESSORIES INCLUDED

Remote	Magic Remote
Remote Control Battery	Yes (AA)
Power Cable	Yes

Quick Start Guide	Yes
E-Manual	Yes

DESIGN

TV Color	Grey
Stand Color	Grey

WARRANTY

Limited Warranty	1 Year Parts & Labor
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