

PICTURE(PANEL)

Display Type	4K OLED
Screen Size	48"
Display Resolution	3840 x 2160
Dimming Technology	Pixel Dimming

PICTURE(PROCESSING)

Picture Processor	α9 Gen5 AI Processor 4K
Refresh Rate	Refresh Rate 120Hz
HDR (High Dynamic Range)	Cinema HDR (Dolby Vision™, HDR10, HLG) Dynamic Tone Mapping Pro Dolby Vision™ IQ
Contrast	Perfect Black
Colour	Billion Rich Colours
Resolution Upscaler	AI Upscaling
Motion	OLED Motion
Filmmaker Mode™	Yes

GAMING

Game Optimizer	Yes
G-Sync Compatible	Yes
FreeSync™	Yes
VRR (Variable Refresh Rate)	Yes
ALLM (Auto Low Latency Mode)	Yes
4K@120FPS	Yes
HGiG	Yes

AI TV(ARTIFICIAL INTELLIGENCE)

LG ThinQ® AI	Yes
Google Home Compatibility (Google Home device sold seperately)	Yes
Amazon Alexa Compatibility (Amazon Alexa device sold seperately)	Yes
Google Assistant Built-in	Yes
Amazon Alexa Built-in	Yes
Apple Airplay 2 / HomeKit Compatibility	Yes
Intelligent Voice Recognition	Yes
Home Dashboard	Yes
AI Picture Pro / AI Picture	AI Picture Pro
Auto Genre Selection	Yes (SDR/HDR/Dolby HDR)

SMART TV

Operating System	webOS Smart TV
LG Channels	Yes
LG Content Store (App Store)	Yes
Full Web Browser	Yes
Room to Room Share	Yes (Send/Receive)
Always Ready	Yes
Art Gallery	Yes
Sports Alert	Yes

AUDIO

Speaker System	2.2 ch
Output Power	40W (WF:20W, 10W per Channel)

Speaker Direction	Stand front Firing
AI Sound Pro / AI Sound	AI Sound Pro (Virtual 7.1.2 Up-mix)
Dolby Atmos®	Yes
WiSA Ready	Yes
Audio Codec	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)
Bluetooth Surround Ready	Yes
LG Sound Sync	Yes

CONNECTIVITY

Wi-Fi® Standard	Wi-Fi Certified 802.11ac
Bluetooth® Support	Version 5.0
HDMI-CEC (Simplink)	Yes
TV Tuner	ATSC1.0, Clear QAM
Mobile Screen Share	Yes

INPUTS & OUTPUTS

HDMI Input	1 (Rear) / 3 (Side)
Audio Return Channel (ARC)	eARC (HDMI 2)
USB Ports (v 2.0)	2 (Rear) / 1 (Side)
Ethernet Input	Yes (Rear)
RS-232C Input (Mini Jack)	Yes (Rear, Phone Jack Type)
Digital Audio Output (Optical)	Yes (Rear)

POWER

Power Supply (Voltage, Hz)	AC 120v 50-60Hz
Standby Power Consumption	Under 0.5W

DIMENSIONS/WEIGHT/UPC

TV Dimensions without Stand (WxHxD)	1071 X 618 X 46.9 mm / 42.17" X 24.33" X 1.85"
TV Dimensions with Stand (WxHxD)	1071 X 650 X 251 mm / 42.17" X 25.59" X 9.88"
Packaging Dimensions (WxHxD)	1280 X 765 X 203 mm / 50.39" X 30.11" X 7.99"
Stand Dimension (WxD)	838 x 251 mm / 32.99" x 9.88"
TV Weight with Stand	18 kg / 39.68 lbs
TV Weight without Stand	14.9 kg / 32.85 lbs
Packaging Weight	20.6 kg / 45.42 lbs
VESA Mounting (WxH)	300 x 200
UPC	195174029039

ACCESSORIES INCLUDED

Magic Remote Control	Included in box
Remote Control Battery	Yes
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes

WARRANTY

Limited Warranty	1 Year Parts & Labour
Model Year	2022