

PICTURE(PANEL)

Display Type	4K UHD
Screen Size	50"
Display Resolution	3840 x 2160
Backlight Type	Direct
IPS Panel	Multi

PICTURE(PROCESSING)

Picture Processor	α5 Gen5 AI Processor 4K
Refresh Rate	TruMotion 120 (60Hz Native)
HDR (High Dynamic Range)	Active HDR (HDR10, HLG) Dynamic Tone Mapping
Resolution Upscaler	4K Upscaling
Filmmaker Mode™	Yes

GAMING

Game Optimizer	Yes
ALLM (Auto Low Latency Mode)	Yes
HGiG	Yes

AI TV(ARTIFICIAL INTELLIGENCE)

LG ThinQ® AI	Ready
Google Home Compatibility (Google Home device sold seperately)	Yes
Amazon Alexa Compatibility (Amazon Alexa device sold seperately)	Yes
Google Assistant Built-in	Ready

Amazon Alexa Built-in	Ready
Apple Airplay 2 / HomeKit Compatibility	Yes
Intelligent Voice Recognition	Ready
Home Dashboard	Yes

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 (Receive)
Sports Alert	Yes

AUDIO

Speaker System	2.0 ch
Output Power	20W (10W per Channel)
Speaker Direction	Down Firing
AI Sound Pro / AI Sound	AI Sound (Virtual 5.1 Up-mix)
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	2 (Side)
Audio Return Channel (ARC)	eARC (HDMI 2)
USB Ports (v 2.0)	1 (side)
Ethernet Input	Yes (Rear)
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)	1121 X 651 X 57.1 mm / 44.1" X 25.6" X 2.2"
TV Dimensions with Stand (WxHxD)	1121 X 708 X 232 mm / 44.1" X 27.9" X 9.1"
Packaging Dimensions (WxHxD)	1275 X 775 X 152 mm / 50.2" X 30.5" X 6"
Stand Dimension (WxD)	862 X 232 mm / 33.9" X 9.1"
TV Weight with Stand	11.9 kg / 26.2 lbs
TV Weight without Stand	11.7 kg / 25.8 lbs
Packaging Weight	14.9 kg / 32.8 lbs
VESA Mounting (WxH)	200 x 200
UPC	195174033852

ACCESSORIES INCLUDED

Remote	Standard Remote Control
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Remote Control Battery	Yes
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes

WARRANTY

Limited Warranty	1 Year Parts & Labour
Model Year	2022