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LG

OLED TV with LG AI ThinQ

65", 55", 48"

SELF-LIT PiXELS. Millions of reasons to love OLED

When it comes to picture quality, OLED stands apart. That's because OLED has millions of self-lit pixels capable of producing perfect black and a billion rich colours. The result is a viewing experience like no other.

α7 Gen4 AI Processor 4K Powerful to the core

Stunning TV, powered by technology. The α7 Gen4 AI processor at the core of LG OLED TV uses machine learning algorithms to analyse and optimise your entertainment. With automatic adjustments to picture and sound, whatever you watch can appear spectacular.[2]

Think you know smart? Think again

LG AI ThinQ is here to maximise your smart TV experience. Use your favourite voice assistant to control your TV, and discover the convenience of an all-new Home screen.[12]

Entertainment. Home to all your favourites

Dive into the latest movies, TV shows, documentaries, live sports and more, with Disney+, Stan, Amazon Prime, Optus Sports, the Apple TV app, Foxtel, and Netflix. It's all in the one place, so just sit back and enjoy.[13][15]

OLED. Smooth, Clear Motion

Keep your eye on the ball, no matter how intense the game gets. OLED technology has reduced blur for amazing picture clarity where it matters most – off the bat, off the boot, and on the line.

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DISPLAY & PICTURE QUALITY

Screen Type	OLED
Screen size	48" (121cm), 55" (139cm), 65" (164cm)
Resolution	3840 x 2160
Motion Rate	1ms Response Time
HDR Format[1]	Dolby Vision™, HDR10, HLG
Dolby Vision IQ™[1]	●
HDR10 Pro[1]	●
Wide Colour Gamut	
Backlight Type	None
Perfect Black	●
Local Dimming	
ULTRA Luminance	● (Pro)
Picture Modes	9 (Vivid, Standard, FILMMAKER MODE™, APS, Cinema, Cricket, Game Optimiser, ISF Bright Room, ISF Dark Room)
HDR Picture Modes	6 (Vivid, Standard, FILMMAKER MODE™, Cinema Home, Cinema, Game Optimiser)
Dolby Vision ™ Picture Modes	5 (Vivid, Standard, Cinema Home, Cinema, Game Optimiser)
Colour Bit Depth	10-bit
Image Processor	α7 Gen 4 AI Processor 4K
Tuner	MPEG-2/4 DVB-T2 (Single)
Resolution Upscaling[2]	4K Upscaler
AI Picture	
AI Brightness	● (HDR)
Auto Genre Selection	● (Dolby Vision content only)
FILMMAKER MODE™	
Motion Pro (Black Frame Insertion)	-
Noise Reduction	●
High Frame Rate (HFR)[3]	-

CONVENIENCE FEATURES

Magic Remote	
Intelligent Voice Control[4]	●
Hands-Free Voice Control[4]	-
Electronic Programme Guide (SI - 8 days)	●
User Guide (Built-in)	●
Time Machine Compatible[5]	●
Time Shift[5]	●
Universal Remote Feature[6]	
Photo Playback Formats	JPEG/PNG/BMP
Music Playback Formats	MP3/WAV/WMA/OGG/FLAC
Video Playback Formats	ASF/WMV/AVI (Xvid, H.264/AVC)/ MP4/M4v/MOV (H.264, H.265, MPEG-4, HEVC), AV1/ MKV (MPEG-2, MPEG-4, H.264, H.265, VP8, VP9, HEVC, AV1)TS/TRP/TP/MTS/MPG/3GP/3G2/MPEG/DAT/ VOB /HEVC (Up to 3840x2160 @ 60p) / AV1 (Up to 3840x2160 @ 60p)
Art Gallery	●
Sports Alert[7]	●
SIMPLINK (HDMI CEC)	●

GAMING FEATURES

Variable Refresh Rate (VRR)[8]	-
NVIDIA G-SYNC® Compatible[9]	-
AMD FreeSync® Premium[10]	-
HGiG Mode	●
Auto Low Latency Mode (ALLM)	●
Game Optimiser	●

SMART TV FEATURES

ThinQ[11]	●
Smart TV Operating System	webOS 6.0 Smart TV
Hey Google (Google Assistant)[12]	●
Amazon Alexa Built In[12]	●
Works with Apple Homekit[12]	●
Home Dashboard	●
Wi-Fi	● (802.11ac)
Web Browser[13]	●
FreeviewPlus (HbbTV)[14]	●
Smart Speaker Compatible[16]	●

SMART SHARE FEATURES

Network File Browser	●
Smart Share (Miracast)[18]	● (PIP/Full Screen)
Smartphone Remote App[19]	LG ThinQ
Works with Apple AirPlay[20]	●

AUDIO FEATURES

Audio Output	20W
Audio Decoder	HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X, LPCM, MPEG-1, AC3 (Dolby Digital), EAC3 (Dolby Digital+) AC-4 (Dolby Atmos)
Virtual Surround	Dolby Atmos
WiSA Speaker 2.1ch Compatible[21]	●
Sound Modes	7 (AI Sound Pro, Standard, Cinema, Clear Voice Pro, Cricket (Sports), Music, Game Optimiser)
AI Sound	●
Bluetooth Surround Compatible[22]	●
LG Sound Sync (LG TV Bluetooth)[23]	●
Enhanced Audio Return Channel [23]	● (eARC)
LG TV Sound Mode Share (LG Soundbar Mode Control) [23]	●

CONNECTIONS

HDMI[24]	● (3)
USB	● (2)
RF Antenna Input	● (1)
Composite/Component Input	-
Headphone (3.5mm) Output	● (1)
Digital (Optical) Audio Output	● (1)
LAN Port	● (1)
IR Blaster	-
Gallery Stand Compatible (FS21GB - Sold Separately)	● (55", 65")

DIMENSIONS AND REGULATORY

TV with Stand (WxHxD)	65": 1449mm x 894mm x 271mm 55": 1228mm x 770mm x 271mm 48": 1071mm x 681mm x 271mm
TV without Stand (WxHxD)	65": 1449mm x 830mm x 47mm 55": 1228mm x 706mm x 47mm 48": 1071mm x 618mm x 47mm
TV Stand (WxD)	65": 1124mm x 271mm 55": 1124mm x 271mm 48": 923mm x 271mm
Net Weight with Stand (kg)	65": 24kg, 55": 18.7kg, 48": 15.3kg
Net Weight without Stand (kg)	65": 23.7kg, 55": 18.4kg, 48": 15kg
Carton (WxHxD)	65": 1600mm x 970mm x 172mm 55": 1360mm x 810mm x 172mm 48": 1220mm x 735mm x 152mm
Gross Weight of Carton (kg)	65": 31kg, 55": 23.7kg, 48": 18kg
VESA size	300 x 200 (LG OLW480B bracket recommended)
Energy Star Rating	65": 5 Stars, 55": 4 ½ Stars, 48": 4 ½ Stars
EAN	65": 8806091261670, 55": 8806091210012 48": 8806091210036

WARRANTY PERIOD

Warranty Period	1 Year Warranty - Parts and Labour

1 HDR playback for HDMI, USB and IPTV streaming services. HDR broadcasts currently not available in Australia. Compatible Dolby Vision High Dynamic Range content required for full HDR effect. Dolby Atmos source content required for full audio effect.
2 Image quality of upscaled content will vary based on the source resolution.
3 Feature activated when showing HFR content and connected to a compatible device. Supports up to 40Gbps bandwidth, allowing up to 4K 120Hz 4:4:4 @ 10-bit per component.
4 Voice Control features may not be available in all languages and dialects. Refer to source material. ThinQ TV control voice commands are supported.
5 Dedicated USB Hard Drive required for recording and live playback function (sold separately). exFAT not supported.
6 Some brands not supported, check website for details: www.lgappstv.com/appspc/oss/support.lge
7 Features and services may change without notice.
8 Feature activated when connected to a compatible device and compatible content.
9 Only RTX 20-series, 30-series and GTX 16-series GPUs will support G-SYNC Compatible with LG OLED TVs.
10 Feature activated when connected to a compatible device and capable content.
11 AI ThinQ feature is not available in all languages and dialects. Depending on ambient noise, voice clarity and available content or source material, voice commands may not always deliver or respond to the requested command.
12 Google Assistant™ and Amazon Alexa™ functionality require an internet connection as well as a Google or Amazon Account (as applicable). Apple AirPlay® requires a Wi-Fi connection. Controlling devices and features requires compatible smart devices. Subscriptions may be required to access certain content. Some features and services may be changed without notice. Depending on language, voice clarity and available content or source material, voice commands may not always deliver or respond to the requested command. Google is a trademark of Google LLC. Amazon, Alexa and all related logos and motions are trademarks of Amazon.com, Inc. or its affiliates. AirPlay is a trademark of Apple Inc.

13 Internet usage charges and conditions apply. WebOS internet browser supports AV1, HTML5, VP9 and HEVC, not for video streaming. Content and features will vary from time to time without notice.
14 Freeview uses HbbTV technology which combines broadcast & internet streaming. Data usage charges & conditions apply.
15 Subscription membership and high internet speed (25 mbps) required for content in 4K Ultra HD, otherwise content will be downscaled to either HD or SD quality based on the available bandwidth and time of day.
16 Hey Google, Apple HomeKit or Amazon Alexa enabled device required, sold separately.
17 Home Wi-Fi and LG ThinQ app required. Compatible with Android 7.0 (or later). Magic Tap feature compatible with NFC enabled Android phones.
18 Miracast compatible Android device required for this feature.
19 LG Thinq App on compatible Android devices (Android 5.0+) and iOS devices (iOS 11+). Device must be in range, on the same Wi-Fi network as the TV.
20 Apple AirPlay 2® and HomeKit® requires a Wi-Fi connection. Controlling devices and features requires compatible smart devices. Subscriptions may be required to access certain content. Some features and services may be changed without notice. Depending on language, voice clarity and available content or source material, voice commands may not always deliver or respond to the requested command. AirPlay® and HomeKit® are trademarks of Apple Inc.
21 WiSA compatible speakers required. (Sold Separately)
22 Feature requires two matching compatible LG Bluetooth Speakers.
23 Designed to work with compatible LG audio devices.
24 A1, NANO77, NANO75, UP80: HDMI ports support HDCP 2.2, 60fps @ 2160p
25 The cable may be visible depending on installation environment. Depending on installation environment, there may be a slight gap between the TV and the wall.

All product specifications correct at time of printing. Specifications may change without prior notice. Customers are advised to check with your retailer before purchase.