

OLED

BX
(65", 55")

Product Sheet

a7 Gen 3 AI Processor 4K

The powerful a7 Gen3 Processor delivers spectacular viewing and sound experience by enhancing picture and sound sources. It delivers amazing viewing experiences no matter what the source.

Dolby Vision IQ & Dolby ATMOS

Enjoy professionally mastered visual and sound at home. Watch Dolby enhanced movies the way they should be - absolutely breathtakingly¹. With Dolby Vision IQ, the screen brightness, colour and contrast are intelligently adjusted for content and lighting conditions. Plus, Dolby Atmos delivers an immersive audio experience, for maximum enjoyment.

A World of Entertainment

Dive into a wide variety of content to choose from with Disney+, the Apple TV app and Netflix². From the latest movies, TV shows, and documentaries, to live sports and more, find them all in one place.

Just sit back and enjoy.

*Apple, the apple logo, and Apple TV are trademarks of Apple Inc, registered in the US and other countries. Apple TV+ is a trademark of Apple Inc.

ThinQ AI

TV takes a giant leap forward. Transform your TV into a central hub with intelligent ThinQ AI^{1,2}. With natural voice recognition, LG ThinQ AI allows you to command and control your Home IoT ecosystem. With Google Assistant and Amazon Alexa built-in, LG ThinQ AI makes life so much more convenient.

Self-Lighting OLED

OLED technology is unique thanks to its self-lighting pixel technology. Over 8 million self-lighting pixels come together to deliver the next level of TV. Enjoy deep blacks, rich colours, and realistic picture quality.



BX (65", 55")		OLED TV with LG AI ThinQ	LG Life Good	
DISPLAY & PICTURE QUALITY				
Screen Type	OLED			
Screen size	55" (139cm), 65" (164cm)			
Resolution	3840 x 2160			
Motion Rate	-			
HDR Format ¹	Dolby Vision™, HDR10, HLG			
Dolby Vision IQ™ ¹	●			
HDR10 Pro ¹	●			
Wide Colour Gamut	●			
NanoColour	-			
Backlight Type	None			
Perfect Black	●			
NanoBlack (Local Dimming)	-			
ULTRA Luminance	● (Pro)			
Picture Modes	10 (Vivid, Standard, FILMMAKER MODE™, APS, Cinema, Cricket, Game, HDR Effect, ISF Bright Room, ISF Dark Room)			
HDR Picture Modes	5 (Vivid, Standard, FILMMAKER MODE™, Cinema Home, Cinema)			
Dolby Vision™ Picture Modes	5 (Vivid, Standard, Cinema Home, Cinema, Game)			
Colour Bit Depth	10-bit			
Image Processor	α7 Gen 3 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	● (HDMI: 4K@120fps)			
CONVENIENCE FEATURES				
Magic Remote	●			
Intelligent Voice Control ⁴	●			
Hands-Free Voice Control ⁵	-			
Electronic Programme Guide (SI - 8 days)	●			
User Guide (Built-in)	●			
Time Machine Compatible ⁶	●			
Time Shift	●			
Universal Remote Feature ⁷	●			
Video Playback Formats	ASF/WMV/AVI (Xvid, H.264/AVC) / MP4/M4v/MOV (H.264, H.265, MPEG-4, HEVC) / MKV (MPEG-2, MPEG-4, H.264, H.265, VP8, HEVC) / SHVC/TS/TRIP/T/MTS/MPG/3GP/3G2 / MPEG/DAT/VOB/HEVC (Up to 4096x2160 @ 120p) / VP9 & AV1 (Up to 4096x2160 @ 60p)			
Music Playback Formats	MP3/WAV/WMA/OGG/FLAC			
Photo Playback Formats	JPEG/PNG/BMP			
Gallery	●			
Sports Alert ⁸	●			
SIMPLINK (HDMI CEC)	●			
GAMING FEATURES				
AMD FreeSync Premium ⁹	●			
Variable Refresh Rate (VRR) ⁹	●			
Nvidia G-Sync Compatible ¹⁰	●			
HGIG Mode	●			
Auto Low Latency Mode (ALLM) ¹¹	●			
WARRANTY PERIOD				
Warranty Period	1 Year Warranty - Parts and Labour			
AUDIO FEATURES				
Audio Output	40W			
Audio Decoder	AC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X, ADPCM, LPCM, MPEG-1, Dolby Digital, Dolby Digital Plus, Dolby AC-4			
Virtual Surround	Dolby Atmos			
Bluetooth Music Playback	● (Bluetooth 5)			
WiSA Speaker 2.0ch Compatible ¹²	●			
Sound Modes	6 (Standard, Cinema, Clear Voice III, Cricket (Sports), Music, Game)			
AI Sound	●			
Headphone Bluetooth Compatible	● (Bluetooth 4.2+)			
Bluetooth Surround Compatible ¹³	●			
Sound Sync Wireless (LG TV) ¹⁴	●			
Audio Return Channel (ARC) ¹⁵	eARC / ARC			
SMART TV FEATURES				
AI ThinQ ¹⁶	webOS 5.0 Smart TV			
Smart TV Operating System	●			
Google Assistant ¹⁷	●			
Amazon Alexa ¹⁷	●			
Works with Apple HomeKit ¹⁷	●			
Home Dashboard	● (802.11ac)			
Wi-Fi	●			
4K UHD Streaming	●			
Web Browser ¹⁸	●			
FreeviewPlus (HbbTV) ¹⁹	●			
Netflix ²⁰	●			
Disney ²⁰	●			
AppleTV ²⁰	●			
Google Home Compatible ²¹	●			
SMART SHARE FEATURES				
Network File Browser	●			
Miracast ²²	●			
Smartphone Remote App ²³	LG TV Plus			
Works with Apple AirPlay ²⁴	●			
CONNECTIONS				
HDMI ²⁵	● (4)			
USB 2.0	● (3)			
RF Antenna Input	● (1)			
Component/Composite Input	● (1)			
Headphone (3.5mm) Output	● (1)			
Digital (Optical) Audio Output	● (1)			
LAN Port	● (1)			
DIMENSIONS AND REGULATORY				
TV with Stand (WxHxD)	65": 1449mm x 869mm x 246mm 55": 1228mm x 744mm x 246mm			
TV without Stand (WxHxD)	65": 1449mm x 830mm x 47mm 55": 1228mm x 706mm x 47mm			
TV Stand (WxD)	65": 559mm x 246mm 55": 559mm x 246mm			
Net Weight with Stand (kg)	65": 25kg 55": 19.9kg			
Net Weight without Stand (kg)	65": 24kg 55": 18.9kg			
Carton (WxHxD)	65": 1677mm x 950mm x 207mm 55": 1446mm x 810mm x 207mm			
Gross Weight of Carton (kg)	65": 32.7kg 55": 25.5kg			
VESA size	300 x 200 (LG OLW4808 bracket recommended)			
Energy Star Rating	65": 5 Stars 55": 4 Stars			
EAN	65": 8806098663286 55": 8806098663293			
FURTHER INFORMATION				
<p>1 HDR playback for HDMI, USB and IPTV streaming services. HDR broadcasts currently not available in Australia. 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. 4 Voice Control 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. 5 ThinQ TV control voice commands are supported. Ambient noise, language, dialect and voice clarity restrictions apply. 6 Dedicated USB Hard Drive required for recording and live playback function (sold separately). 7 Some brands not supported, check website for details: www.lgappstv.com/appstv/oss/support_lge 8 Features and services may change without notice. 9 Feature activated when connected to a compatible device and compatible content. 10 Only RTX 20-series and GTX 16-series GPUs will support G-SYNC. Compatible with LG OLED TVs. 11 Feature activated when connected to a compatible device and capable content. 12 WiSA compatible speakers required to use this feature. Sold Separately 13 Feature requires two matching compatible Bluetooth Speakers (others (JBL Clip 3, Go 2, Bose Soundlink Micro and Mini 2, UE Wonderboom, Marshall Stockwell II, B&O Beoplay P2, Canston LC-C600, Sony SRS-XB22). 14 Uses Bluetooth® 5 technology to send audio to compatible LG home audio products. 15 Designed to work with compatible LG Audio only. 16 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.</p>				
<p>17 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. 18 Internet connection required. Internet, usage charges and conditions apply. WebOS internet browser supports HTML5, VP9 and HEVC. 19 FreeviewPlus uses HbbTV technology which combines broadcast and internet streaming. Internet connection is required. Data usage charges and conditions apply. 20 Subscription membership required. Content in SD, HD and 4K Ultra HD. 4K Ultra HD requires a steady internet connection speed of at least 25Mbps to stream, otherwise content will be downscaled to either HD or SD quality based on the available bandwidth. Speeds of 25Mbps available in limited locations and may vary depending on time of day. Data usage charges apply. 21 Google Assistant enabled device required, sold separately. 22 Miracast compatible Android device required for this feature. 23 LG TV Plus™ on compatible Android devices (Android 4.2+) and iOS devices (iOS 6.1+). Device must be in range, on the same Wi-Fi network as the TV. 24 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. 25 HDMI ports 3 and 4 support HDCP 2.3, 120fps @ 2160p</p>				