

UHD TV

UP80
(75", 65", 55", 50", 43")

Product Sheet



Real 4K UHD.

Unreal immersion 4K

Whether it's cinema, sports or games, UHD TV displays realistic images with vivid colour, fine detail and up to four times the pixels of Full HD. Take your entertainment to a new level².

Quad core Processor 4K

Enhance everything you watch

Vibrant colour, contrast and detail. The Quad core Processor 4K removes video noise and upscales low-resolution images to near-4K quality, so you can get the most from your entertainment².

ThinQ AI

Think you know smart?

Think again

LG 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 screen¹².

Cinema HDR

Original colours

Unlock the brightness, colour and detail in High Dynamic Range¹ movies and games. Cinema HDR helps reveal the enhanced picture quality of Dolby Vision and other HDR10 content, so that images look as close as possible to how they were mastered.

Entertainment

Endless content. Endless enjoyment

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.^{12 13}



UP80 (75", 65", 55", 50", 43")		UHD TV with LG AI ThinQ	
DISPLAY & PICTURE QUALITY			
Screen Type		LED/LCD	
Screen size		43" (108cm), 50" (126cm) 55" (139cm), 65" (164cm), 75" (189cm)	
Resolution		3840 x 2160	
Motion Rate		Tru Motion 100 with backlight scanning	
HDR Format ¹		HDR10, HLG	
Dolby Vision IQ™ ¹		-	
HDR10 Pro ¹		●	
Wide Colour Gamut		-	
Nano Colour		-	
Backlight Type		Direct LED	
Perfect Black		-	
Local Dimming		-	
ULTRA Luminance		-	
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		-	
Colour Bit Depth		10-bit Processing	
Image Processor		Quad-core Processor 4K	
Tuner		MPEG-2/4 DVB-T2 (Single)	
Resolution Upscaling ²		4K Upscaler	
AI Picture		-	
AI Brightness		● (HDR)	
Auto Genre Selection		-	
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 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 (Divx, 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)	
Music Playback Formats		MP3/WAV/WMA/OGG/FLAC	
Photo Playback Formats		JPEG/PNG/BMP	
Art Gallery		-	
Sports Alert ⁸		●	
SIMPLINK (HDMI CEC)		●	
GAMING FEATURES			
Variable Refresh Rate (VRR) ⁹		-	
Nvidia G-Sync Compatible ¹⁰		-	
AMD FreeSync Premium		-	
HGIG Mode		●	
Auto Low Latency Mode (ALLM) ¹¹		●	
Game Optimiser		●	
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.
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). Ex FAT 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's 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 HTML5, VP9 and HEVC, not for video streaming. Content and features will vary from time to time without notice.

SMART TV FEATURES	
ThinQ ¹¹	●
Smart TV Operating System	webOS 6.0 Smart TV
Hey Google (Google Assistant) ¹²	● (SW Update coming 2021 2nd Half)
Amazon Alexa Built In ¹²	●
Works with Apple HomeKit ¹²	●
Home Dashboard	●
Wi-Fi	● (802.11 ac)
8K Streaming	-
Web Browser ¹³	●
FreeviewPlus (HbbTV) ¹⁴	●
Smart Speaker Compatible	●
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), Dolby Digital Plus
Virtual Surround	-
WISA Speaker Compatible ²¹	-
Sound Modes	(AI Sound, Standard, Cinema, Clear Voice Pro, Cricket (Sports), Music, Game Optimiser)
AI Sound	●
Bluetooth Surround Compatible ²²	●
LG Sound Sync (LG TV Bluetooth) ²²	●
Enhanced Audio Return Channel (eARC) ²²	●
TV Sound Mode Share (LG Sound Bar Control)	●
CONNECTIONS	
HDMI ²³	● (3)
USB 2.0	● (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	● (55", 65")
Gallery Wall Mount (Matching Bracket)	75" : LSW440 65" : WB21LM/OLW480 55" : WB21LM/OLW480 50" 43" : WB21LM/LSW240 (65", 55" LG OLV480B recommended)
DIMENSIONS AND REGULATORY	
TV with Stand (WxHxD)	75": 1678mm x 1027mm x 363mm 65": 1454mm x 899mm x 271mm 55": 1235mm x 777mm x 232mm 50": 1121mm x 708mm x 232mm 43": 967mm x 622mm x 216mm
	75": 1678mm x 964mm x 60mm 65": 1454mm x 838mm x 58mm 55": 1235mm x 715mm x 58mm 50": 1121mm x 651mm x 57mm 43": 967mm x 564mm x 57mm
	75": 1344mm x 362mm 65": 1157mm x 271mm 55": 951mm x 232mm 50": 862mm x 232mm 43": 801mm x 216mm
	75": 32.1kg 65": 21.8kg 55": 14.2kg 50": 11.9kg 43": 8.7kg
	75": 31.4kg 65": 21.5kg 55": 14kg 50": 11.7kg 43": 8.6kg
TV without Stand (WxHxD)	75": 1820mm x 1115mm x 200mm 65": 1600mm x 970mm x 172mm 55": 1360mm x 810mm x 162mm 50": 1215mm x 775mm x 152mm 43": 1055mm x 660mm x 142mm
	75": 41kg 65": 27.8kg 55": 19kg 50": 14.8kg 43": 10.8kg
	75": 400 x 400 65": 300 x 300 50": 200 x 200
	75": 4 ½ Stars 65": 4 Stars 55": 4 Stars 50": 4 Stars 43": 3 ½ Stars
	75": 8806091210852 65": 8806091322791 55": 8806091322746 50": 8806091322821 43": 8806091322838

14 Freeview uses HbbTV technology which combines broadcast and internet streaming. Data usage charges and conditions apply.
15 Subscription membership and high internet speed (25 mbps) required for content in 4K Ultra HD, otherwise content will be downsampled to either HD or SD quality based on the available bandwidth and time of day.
16 Hey Google enabled device required, sold separately.
17 Home wifi 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. ARC designed to work with compatible LG audio devices only.
23 NANO77, NANO75, UP80: HDMI ports 1 & 2 support HDCP 2.3, 120fps @ 2160p
NANO77, NANO75, UP80: HDMI ports support HDCP 2.2, 60fps @ 2160p