

## UHD TV

### UM76 (86") Product Sheet



#### UHD/4K Panel

LG UHD 4K TVs offer a breath-taking viewing experience with incredibly crisp imaging, whatever the size of the screen and whatever you love to watch.

#### α7 Gen2 Intelligent Processor

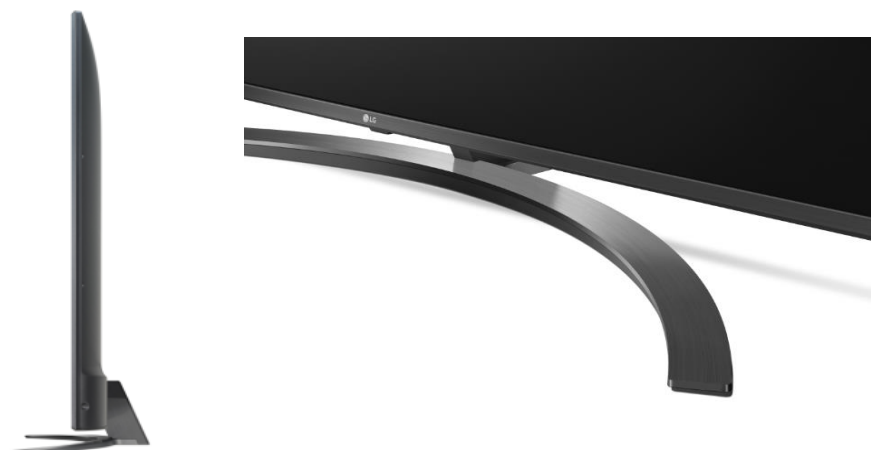
The powerful NEW Alpha 7 Gen2 Intelligent Processor delivers enhanced picture and audio for a truly spectacular viewing and sound experience. For the big movies, big games or big nights in, it's perfect.

#### Tru Motion 200

Tru Motion 200 with backlight scanning helps reduce motion blur for improved sporting action.


#### AI ThinQ™ with Google Assistant

LG AI ThinQ™ TV's let you access the enormous power of Google Assistant through your LG TV's Magic Remote or compatible smart device.<sup>8</sup>



Enjoy crystal-clear picture quality on even the biggest screens, thanks to Ultra High Definition technology. The LG 4K UM76 delivers breath-takingly realistic screen resolution and a powerful Alpha 7 Gen2 Intelligent Processor. All of this and you can easily access your favourite streaming apps, using your voice-activated LG Magic Remote\*.

\*Internet connection and subscriptions may be required to access certain content. Internet usage charges and conditions apply. Content, features and third party services will vary from time to time without notice. Video resolution will vary based on internet speed. Check your content and internet provider for full details. Depending on language, voice clarity and available content or source material, voice commands may not always deliver or respond to the requested command.

UM76 (86")		86" UHD TV with LG AI ThinQ		 LG Life's Good	
DISPLAY & PICTURE QUALITY					
Screen Type		LED/LCD			
Screen size		86" (217cm)			
Resolution		3840 x 2160			
Motion Rate		Tru Motion 200 with backlight scanning			
HDR Format <sup>1</sup>		Dolby Vision™, HDR10, HLG			
Wide Colour Gamut		●			
Nano Cell Technology		-			
Backlight Type		Direct			
Absolute Black		-			
Local Dimming		-			
ULTRA Luminance		-			
Picture Modes		9 (Vivid, Standard, APS, Cinema, Cricket, Game, HDR Effect, ISF Bright Room, ISF Dark Room)			
HDR Picture Modes		6 (Vivid, Standard, Technicolor, Cinema Home, Cinema, Game)			
Dolby Vision™ Picture Modes		5 (Vivid, Standard, Cinema Home, Cinema, Game)			
Colour Bit Depth		10-bit Processing			
Image Processor		α7 Gen 2 Intelligent Processor			
Tuner		MPEG-2/4 DVB-T2 (Single)			
Resolution Upscaling <sup>2</sup>		4K Upscaler			
AI Picture		●			
AI Brightness (HDR content only)		●			
Motion Pro (Black Frame Insertion)		●			
Noise Reduction		Quad Step			
CONVENIENCE FEATURES					
Magic Remote		●			
Intelligent Voice Control <sup>3</sup>		●			
Electronic Programme Guide (SI - 8 days)		●			
User Guide (Built-in)		●			
Time Machine Compatible <sup>4</sup>		●			
Time Shift		●			
Universal Remote Feature <sup>5</sup>		●			
USB 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, VP9, HEVC) SHVC/TS/TRP/TP/MTS/MPG/3GP/3G2 MPEG/DAT/VOB/HEVC (Up to 4096x2160p@60p) (HEVC 86" Up to 4096x2160p@120p)			
USB Music Playback Formats		MP3/WAV/WMA/OGG/FLAC			
USB Photo Playback Formats		JPEG/PNG/BMP			
Gallery		●			
Multi-View		●			
Simplink (HDMI CEC)		●			
Variable Refresh Rate (VRR) <sup>6</sup>		-			
Auto Low Latency Mode (ALLM) <sup>6</sup>		●			
SMART TV FEATURES					
AI ThinQ <sup>7</sup>		●			
Smart TV Operating System		webOS 4.5 Smart TV			
Works with Google Assistant <sup>8</sup>		●			
Home Dashboard		●			
Wi-Fi		● (802.11ac)			
4K UHD Streaming		●			
Web Browser <sup>9</sup>		●			
FreeviewPlus (HbbTV) <sup>10</sup>		●			
Netflix <sup>11</sup>		●			
Google Home Compatible <sup>12</sup>		●			
All product specifications correct at time of printing. Specifications may change without prior notice. Customers are advised to check with your retailer before purchase.					

SMART SHARE FEATURES	
Network File Browser	●
Miracast <sup>13</sup>	●
Smartphone Remote App <sup>14</sup>	LG TV Plus
AUDIO FEATURES	
Audio Output	20W
Speaker System	Stereo (2 x Full-range)
Audio Decoder	AC3, HE-AAC, AAC, MP2, MP3, PCM, DTS, DTS-HD, DTS Express, WMA, apt-X, ADPCM, LPCM, MPEG-1, Dolby Digital, Dolby Digital Plus, Dolby AC-4, Dolby Atmos
Virtual Surround	Dolby Atmos
Bluetooth Headphone Compatible	● (Bluetooth 5)
WISA Speaker 2.0Ch Compatible <sup>15</sup>	●
Sound Modes	6 (Standard, Cinema, Clear Voice III, Cricket (Sports), Music, Game)
AI Sound	●
Phone Bluetooth Connectivity	● (Music)
Sound Sync Wireless (LG TV) <sup>16</sup>	●
Audio Return Channel (ARC) <sup>17</sup>	ARC (HDMI 2)
CONNECTIONS	
HDMI <sup>18</sup>	● (4)
USB 2.0	● (3)
RF Antenna Input	● (1)
Component/Composite Input	● (Phone Jack Type - Shared Audio)
Headphone (3.5mm) Output	●
Digital (Optical) Audio Output	● (1)
LAN Port	● (1)
DIMENSIONS AND REGULATORY	
TV with Stand (WxHxD)	1943mm x 1198mm x 426mm
TV without Stand (WxHxD)	1943mm x 1118mm x 93mm
Net Weight with Stand (kg)	48.3kg
Net Weight without Stand (kg)	44.6kg
Carton (WxHxD)	2116mm x 1217mm x 325m
Gross Weight of Carton (kg)	63.1kg
VESA size	600 x 400
Energy Star Rating	4 ½ Stars
EAN	8806098393831
WARRANTY PERIOD	
1 Year Warranty - Parts and Labour	
FURTHER INFORMATION	
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 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. 4 Dedicated USB Hard Drive (80GB – 2TB) required for recording and live playback function (sold separately). 5 Some brands not supported, check website for details: www.lgappstv.com/appspc/oss/support.lge 6 Feature activated when connected to a compatible device 7 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. 8 Wi-Fi network and Google Account required. Controlling devices and features requires compatible smart devices. Features and services may be changed without notice. To learn more, visit LG.com. Google is a trademark of Google LLC. 9 Internet connection required. Internet usage charges and conditions apply. WebOS internet browser supports HTML5, VP9 and HEVC. Content and features will vary from time to time without notice. 10 FreeviewPlus uses HbbTV technology which combines broadcast and internet streaming. Internet connection is required. Data usage charges and conditions apply. 11 Subscription membership required. Netflix provides content in SD, HD and 4K Ultra HD. Netflix requires a steady internet connection speed of at least 25Mbps to stream 4K Ultra HD content, 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. 12 Google Assistant enabled device required, sold separately. 13 Miracast compatible Android device required for this feature. 14 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. 15 WISA compatible speakers required to use this feature. Sold Separately 16 Uses Bluetooth® 5 technology to send audio to compatible LG home audio products. 17 Designed to work with compatible LG Audio only 18 SM86, SM81, UM76, UM73: HDMI ports support HDCP 2.2 and 60fps @ 2160p. W9 – B9, SM94 – SM90: HDMI ports support HDCP 2.3 and 120fps @ 2160p. Z9, SM99: HDMI ports support HDCP 2.3 and 60fps @ 4320p	