

OLED W8 PTA (77", 65")

OLED TV

LG OLED TV AI ThinQ™ Signature Wallpaper

DISPLAY & PICTURE QUALITY		SMART SHARE	
Screen Type	OLED	Network File Browser	•
Screen size	65" (164cm), 77" (195cm)	Miracast ¹²	•
Resolution	3840 x 2160	Smartphone Remote App ¹³	LG TV Plus
Field Refresh Rate (Hz)	-	AUDIO FEATURES	
Response Time	Less than 1ms	Audio Output	60W
HDR10 - High Dynamic Range ¹	•	Speaker System	3 way 8 speaker (4 x Tweeters, 2 x Mid-range, 2 x Woofers)
Dolby Vision™	•	Audio Decoder	EAC3, 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
HLG (Hybrid Log Gamma) ²	•	Virtual Surround	Dolby Atmos
Wide Colour Gamut	•	Bluetooth Headphone Compatible	• (BT V4.2 +)
Nano Cell Technology	-	Clear Voice	Clear Voice III
Backlight Type	None	Sound Modes	6 (Standard, Cinema, Clear Voice III, Cricket(Sports), Music, Game)
Perfect Black	•	Adaptive Sound Control	•
Local Dimming	• (Pixel)	Bluetooth Audio Playback	•
ULTRA Luminance	• (Pro)	Sound Sync Wireless (LG TV) ¹⁴	•
Screen Design	Flat	Audio Return Channel (ARC) ¹⁵	• (HDMI 2)
Picture Modes	10 (Vivid, Standard, Technicolor, APS, Cinema, Cricket, Game, HDR Effect, ISF Bright Room, ISF Dark Room)	CONNECTIONS	
HDR Picture Modes	6 (Vivid, Standard, Technicolor, Cinema Home, Cinema, Game)	HDMI ¹⁶	• (4)
Dolby Vision™ Picture Modes	5 (Vivid, Standard, Cinema Home, Cinema, Game)	USB 2.0	• (3)
Colour Bit Depth	10-bit	RF Antenna Input	• (1)
HDR Effect	•	Component/Composite Input	• (Phone Jack Type - Shared Audio)
HDR Game Mode	•	Headphone (3.5mm) Output	• (1)
Image Processor	α9 Intelligent Processor	Digital (Optical) Audio Output	• (1)
Tuner	MPEG-2/4 DVB-T2 (Single)	LAN Port	• (1)
Resolution Upscaling ³	4K Upscaler	DIMENSIONS / REGULATORY	
Magic Remote	• (Silver)	TV with Stand (WxDxH)	77" : 1721mm x 5.96mm x 989mm 65" : 1446mm x 3.85mm x 823mm
Intelligent Voice Control ⁴	•	All In One Box (WxDxH)	77" : 1460mm x 208mm x 84mm 65" : 1260mm x 198mm x 78mm
EPG (SI - 8 days)	•	Net Weight with Stand (kg)	77" : 12.3kg 65" : 6.7kg
User Guide (Built-in)	•	Net Weight of All In One Box (kg)	77" : 13.1kg 65" : 10.0kg
Time Machine Compatible ⁵	•	Carton (WxDxH)	77" : 1923mm x 285mm x 1131mm 65" : 1641mm x 288mm x 952mm
Time Shift	•	Gross Weight of Carton (kg)	77" : 49.25kg 65" : 32.1kg
Universal Remote Feature ⁶	•	VESA size	-
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 50Mbps)	Energy Star Rating	77" : 4 Stars 65" : 4 Stars
USB Music Playback Formats	MP3/WAV/WMA/OGG/FLAC	EAN	77" : 8806098162475 65" : 8806098162635
USB Photo Playback Formats	JPEG/PNG/BMP	Warranty Period	
Gallery	•	Warranty Period	1 Year Warranty - Parts and Labour
Multi-View	•	FURTHER INFORMATION	
Magic Zoom	•	1 Supports HDR10 format, via HDMI, USB and selected streaming services.	
Simplink (HDMI CEC)	•	2 HLG broadcast currently not available in Australia.	
SMART TV FEATURES		3 Image quality of upscaled content will vary based on the source resolution.	
AI ThinQ ⁷	•	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.	
Smart TV Operating System	webOS Smart TV	5 Dedicated USB Hard Drive (min. 80GB) or USB Drive (min. 80GB) required for longer recordings and live playback function (sold separately).	
Wi-Fi Built-In	• (802.11ac)	6 Some brands not supported, check website for details: www.lgappstv.com/appspc/oss/support.lge	
4K UHD Streaming	•	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.	
Web Browser ⁸	•	8 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.	
FreeviewPlus (HbbTV) ⁹	•	9 FreeviewPlus uses HbbTV technology which combines broadcast and internet streaming. Internet connection is required. Data usage charges and conditions apply.	
Netflix ¹⁰	•	10 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. Please check with your internet service provider to confirm the bandwidth speed for your connection. Data usage charges apply.	
Netflix Recommended TV	•	11 Google Assistant enabled device required, separate purchase.	
Google Home Compatible ¹¹	•	12 Miracast compatible Android device required for this feature.	
My Channels	•	13 '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.	
		14 Uses Bluetooth® 4.2 technology to send audio to compatible LG home audio products.	
		15 Designed to work with compatible LG Audio only	
		16 HDMI(2.0b) ports support HDCP 2.2 and 60fps @ 2160p.	



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Picture and Display Quality

- OLED Panel (Self Lighting)
- 4K UHD (3840 x 2160)
- α9 (Alpha 9) Intelligent Processor
- 4K Cinema HDR (High Dynamic Range)
- Dolby Vision™
- Perfect Black
- Infinite Contrast Ratio

Convenience Features

- Magic Remote
- Intelligent Voice Control
- Gallery
- SmartShare (Miracast)
- Time Machine Compatible

Smart Features

- AI ThinQ
- LG webOS Smart TV
- Netflix, Stan, Amazon Prime Video, YouTube
- Netflix Recommended TV
- FreeviewPlus

Audio

- All-in-one Box with Soundbar
- 60W Total Output
- Dolby Atmos®
- Bluetooth Audio Playback
- ULTRA Surround



Overview

The award winning, LG W8 SIGNATURE TV series features an impossibly thin OLED Display with no backlight for the most hair raising blacks imaginable. It also comes with a powerful, new Alpha 9 Intelligent Processor that's designed for LG OLED. Together, they help bring the visual effect of 4K Cinema HDR with Dolby Vision™ to life, for an amazing home entertainment experience.

AI ThinQ™

LG AI ThinQ offers an enhanced interactive experience in the company's new 2018 TV lineup by employing Natural Language Processing (NLP) to deliver intelligent voice-activated control.

α9 (Alpha 9) Intelligent Processor

The new Alpha 9 Intelligent Processor designed for LG OLED, delivers stunning image performance, noise reduction, image enhancement and colour refinement for a next generation visual experience.

OLED Display without Backlight

This state-of-the-art OLED Display generates over a billion rich and beautiful colours. Combine this with no backlight, and you also get the most hair raising blacks imaginable for enhanced contrast.

4K Cinema HDR with Dolby Vision™

4K Cinema HDR delivers a stunning high dynamic range picture, while Dolby Vision™ dramatically enhances the colour and contrast of content frame-by-frame, for a truly cinematic viewing experience.

*Internet connection and subscriptions may be required to access certain content. Internet usage charges and conditions apply. Content, features and ThinQ 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.