

QNED80



4K QNED LED-LCD TV with AI ThinQ

86", 75", 65", 55"



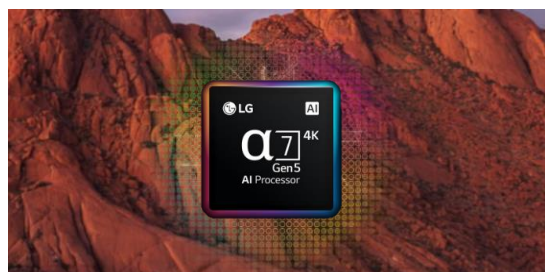
Ignite your senses with QNED colour

Experience colour that's out of this world, with the combined power of Quantum Dot and LG NanoCell technology.



We're fine-tuning your viewing & sound experience

The a7 Gen5 AI Processor uses deep-learning algorithms to help provide an enhanced viewing experience.



Dimming Pro

Multiple LED dimming sections boost the contrast, bringing 4K content to life with enhanced realism.*

**Number of dimming sections varies depending on screen size.*



All your favourites in one place

Ready for movie night? Find virtually anything to watch on the available* streaming apps. With Netflix, Disney+, Amazon Prime, Kayo, Binge and Apple TV+, something exciting is always showing.

**Internet connection and subscriptions may be required for certain services, features and to access certain content. Internet usage charges and conditions apply. Content, features and third party services will vary from time to time without notice.*



Advanced Gameplay.

So much more power to play with

Upgrade your gaming setup with a next-level LG TV designed for ultimate next-gen gaming.* Game Dashboard and Optimiser, 4K 120Hz, plus AMD FreeSync™ Premium and VRR support will help complete your experience.

**Feature activated when showing HFR content and connected to a compatible gaming device with an Ultra High Speed HDMI certified cable. HDMI ports 3 and 4 receive up to 48Gb/s bandwidth sources (supporting up to 4K 120Hz 4:4:4 RGB @ 12 bits per component).*



QNED80		SMART SHARE FEATURES	
DISPLAY & PICTURE QUALITY		Network File Browser	
Screen Type	LED/LCD	Smart Share (Miracast) ¹⁶	• (PIP/Full Screen)
Screen size	55" (139cm), 65" (164cm), 75" (189cm), 86" (217cm)	Smartphone Remote App ¹⁷	• LG ThinQ
Resolution	3840 x 2160	Works with Apple AirPlay 2 ¹⁸	•
Motion Rate	Tru Motion 200 with backlight scanning	AUDIO FEATURES	
Wide Colour Gamut	• (Quantum Dot + NanoCell)	Audio Output	86", 75": 40W, 65", 55": 20W
Backlight Type	Edge-Lit (86": Mini LED)	Audio Decoder	HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X, LPCM, MPEG-1, AC3 (Dolby Digital), EAC3 (Dolby Digital+)
Local Dimming	55", 65", 75" : Dimming Pro 86": Precision Dimming	Virtual Surround	-
Colour Bit Depth	10-bit Processing	WiSA 2.1ch Compatible ¹⁹	•
HDR Format ¹	HDR10, HLG	Sound Modes	7 (AI Sound, Standard, Cinema, Clear Voice Pro, Cricket (Sports), Music, Game Optimiser)
Dolby Vision IQ™ ¹	-	AI Sound	• (PRO)
HDR10 Pro ¹	•	Bluetooth ²⁰	•
Dynamic Tone Mapping	•	LG Sound Sync ²¹	• (LG TV Bluetooth)
Picture Modes	9 (Vivid, Standard, FILMMAKER MODE™, APS, Cinema, Cricket, Game Optimiser, ISF Bright Room, ISF Dark Room)	Audio Return Channel ²²	• (eARC, supporting Dolby Atmos pass-through)
HDR Picture Modes	6 (Vivid, Standard, FILMMAKER MODE™, Cinema Home, Cinema, Game Optimiser)	LG TV Sound Mode Share ²²	•
Dolby Vision™ Picture Modes	-	CONNECTIONS	
Image Processor	α7 Gen 5 AI Processor 4K	HDMI ²³	• (4)
Resolution Upscaling ²	4K Upscaler	USB	• (2)
AI Picture	• (PRO)	RF Antenna Input	• (1)
AI Brightness	• (HDR)	Headphone (3.5mm) Output	-
Auto Genre Selection	• (SDR/HDR10)	Digital (Optical) Audio Output	• (1)
FILMMAKER MODE™	•	LAN Port	• (1)
Motion Pro (Black Frame Insertion)	•	IR Blaster	-
Noise Reduction	•	Gallery Stand Compatible	• (FS21GB/FS22GB suits 55", 65", sold separately)
High Frame Rate (HFR) ³	• (HDMI: 4K@120fps)	DIMENSIONS AND REGULATORY	
Tuner	MPEG-2/4 DVB-T2 (Single)	TV with Stand (WxHxD)	86": 1925mm x 1165mm x 359mm 75": 1675mm x 1029mm x 359mm 65": 1452mm x 906mm x 295mm 55": 1233mm x 781mm x 257mm
CONVENIENCE FEATURES		TV without Stand (WxHxD)	86": 1925mm x 1105mm x 46mm 75": 1675mm x 964mm x 45mm 65": 1452mm x 839mm x 44mm 55": 1233mm x 716mm x 44mm
Magic Remote ⁴	• (With Magic Tap)	Net Weight with Stand (kg)	86": 55.5kg 75": 36.9kg 65": 24.9kg 55": 16.7kg
Intelligent Voice Control ⁵	-	Net Weight without Stand (kg)	86": 54.5kg 75": 35.9kg 65": 24.5kg 55": 16.3kg
Hands-Free Voice Control ⁵	•	Carton (WxHxD)	86": 2115mm x 1215mm x 228mm 75": 1820mm x 1115mm x 200mm 65": 1600mm x 970mm x 172mm 55": 1360mm x 810mm x 152mm
Electronic Programme Guide	•	Gross Weight of Carton (kg)	86": 68.2kg, 75": 45.7kg, 65": 30.9kg, 55": 21.2kg
User Guide (Built-in)	•	VESA size	86": 600 x 400, 75": 400 x 400, 65": 55": 300 x 300
Time Machine Compatible ⁶	• (with Time Shift)	Energy Star Rating	86": 5 Stars, 75": 5 ½ Stars, 65": 5 Stars, 55": 4 ½ Stars
Universal Remote Feature ⁷	•	EAN	86": 8806091650498, 75": 8806091650504 65": 8806091650511, 55": 8806091650528
Photo Playback Formats	JPEG/PNG/BMP/AVIF/HEIC/HEIF	WARRANTY PERIOD	
Music Playback Formats	MP3/WAV/WMA/OGG/FLAC	Warranty Period	1 Year - Parts and Labour
Video Playback Formats	ASF/WMV/AVI (Xvid, H.264/AVC)/MP4/M4v/ MOV (H.264, H.265, MPEG-4, HEVC, AV1), 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 @ 120p) / AV1 (Up to 3840x2160 @ 60p)	13 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.	
Art Gallery	•	14 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.	
Sports Alert	•	15 Freeview uses HbbTV technology which combines broadcast & internet streaming. Data usage charges & conditions apply.	
SIMPLINK (HDMI-CEC)	•	16 Miracast compatible Android device required for this feature.	
Multi View	•	17 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.	
Always Ready	-	18 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.	
GAMING FEATURES		19 Dolby Atmos source content required for full audio effect.	
Variable Refresh Rate (VRR) ⁸	•	20 WiSA compatible speakers required. (Sold Separately)	
AMD FreeSync® Premium ⁸	•	21 Check TV User Guide for compatible game controllers, headphones and speakers. Bluetooth Surround feature requires two matching compatible LG Bluetooth speakers.	
NVIDIA G-SYNC® Compatible ⁹	-	22 Designed to work with compatible LG audio devices only.	
NVIDIA GeForce Now ¹⁰	•	23 B2, QNED91, QNED85, QNED80, 86NANO75, 86UQ80: HDMI ports 3 & 4 support HDCP 2.3, 120fps @ 2160p	
HGiG Mode	•		
Auto Low Latency Mode (ALLM)	•		
Game Optimiser/Dashboard	•		
SMART TV FEATURES			
AI ThinQ ¹²	•		
Smart TV Operating System	webOS 22 Smart TV		
Hey Google ¹³	•		
Amazon Alexa Built In ¹³	•		
Works with Apple HomeKit ¹³	•		
Smart Speaker Compatible ¹³	•		
Home Dashboard	•		
Wi-Fi	• Wi-Fi-5 (802.11ac)		
Web Browser ¹⁴	•		
FreeviewPlus (HbbTV) ¹⁵	•		

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.

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 gaming device with an Ultra High Speed HDMI certified cable.

4 Magic Tap feature compatible with NANO75 and above, and requires NFC enabled Android phones using Android 7.0 or later. Home Wi-Fi and LG ThinQ app required.

5 Voice Control features may not be available in all languages and dialects. Refer to source material. ThinQ TV control voice commands are supported.

6 Dedicated USB Hard Drive required for recording and live playback function (sold separately). exFAT not supported.

7 Some brands not supported, check website for details: www.lgappstv.com/appspc/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, 30-series and GTX 16-series GPUs will support G-SYNC Compatible with LG OLED TVs.

11 Internet connection required. Subscriptions and data costs may apply. Content, features and third party services will vary from time to time without notice. Compatible controller required, sold separately.

12 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. Home Wi-Fi and LG ThinQ app required.