

QNED91



4K QNED Mini LED TV with AI ThinQ

86", 75", 65"



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.



Precision Dimming Pro (available on 65", 75")

Precision Dimming Pro combines Quantum Dot NanoCell with our Mini LED technology, for incredibly bright colours you can feel. Hundreds of miniature LED backlight zones operate independently, for movies with excellent dark-level detail and deep blacks, while minimising halo effects.*

**Image quality dependent on source material.*



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).*



QNED91	
DISPLAY & PICTURE QUALITY	
Screen Type	LED/LCD
Screen size	65" (164cm), 75" (189cm), 86" (217cm)
Resolution	3840 x 2160
Motion Rate	Tru Motion 200 with backlight scanning
Wide Colour Gamut	● (Quantum Dot + NanoCell)
Backlight Type	Mini LED
Local Dimming	65", 75": Precision Dimming Pro 86": Precision Dimming Pro+
Colour Bit Depth	10-bit Processing
HDR Format ¹	Dolby Vision, HDR10, HLG
Dolby Vision IQ™ ¹	●
HDR10 Pro ¹	●
Dynamic Tone Mapping	●
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	5 (Vivid, Standard, Cinema Home, Cinema, Game Optimiser)
Image Processor	α7 Gen 5 AI Processor 4K
Resolution Upscaling ²	4K Upscaler
AI Picture	● (PRO)
AI Brightness	● (HDR)
Auto Genre Selection	● (SDR/HDR/Dolby Vision)
FILMMAKER MODE™	●
Motion Pro (Black Frame Insertion)	●
Noise Reduction	●
High Frame Rate (HFR) ³	● (HDMI: 4K@120fps)
CONVENIENCE FEATURES	
Magic Remote ⁴	● (With Magic Tap)
Intelligent Voice Control ⁵	●
Hands-Free Voice Control ⁵	●
Electronic Programme Guide	●
User Guide (Built-in)	●
Time Machine Compatible ⁶	● (with Time Shift)
Universal Remote Feature ⁷	●
Photo Playback Formats	JPEG/PNG/BMP/AVIF/HEIC/HEIF
Music Playback Formats	MP3/WAV/WMA/OGG/FLAC 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)
Video Playback Formats	
Art Gallery	●
Sports Alert ⁷	●
SIMPLINK (HDMI-CEC)	●
Multi View	●
Always Ready	●
GAMING FEATURES	
Variable Refresh Rate (VRR) ⁸	●
AMD FreeSync® Premium ⁸	●
NVIDIA G-SYNC® Compatible ⁹	-
NVIDIA GeForce Now ¹⁰	●
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	●

SMART SHARE FEATURES	
Network File Browser	●
Smart Share (Miracast) ¹⁶	● (PIP/Full Screen)
Smartphone Remote App ¹⁷	LG ThinQ
Works with Apple AirPlay 2 ¹⁸	●
AUDIO FEATURES	
Audio Output	40W
Audio Decoder	HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X, LPCM, MPEG-1, AC3 (Dolby Digital), EAC3 (Dolby Digital+), AC-4 (Dolby Atmos)
Virtual Surround	Dolby Atmos
WiSA 2.1ch Compatible ¹⁹	●
Sound Modes	7 (AI Sound, Standard, Cinema, Clear Voice Pro, Cricket (Sports), Music, Game Optimiser)
AI Sound	● (PRO)
Bluetooth ²⁰	●
LG Sound Sync ²¹	● (LG TV Bluetooth)
Audio Return Channel ²²	● (eARC, supporting Dolby Atmos pass-through)
LG TV Sound Mode Share ²²	●
CONNECTIONS	
HDMI ²³	● (4)
USB	● (2)
RF Antenna Input	● (1)
Headphone (3.5mm) Output	-
Digital (Optical) Audio Output	● (1)
LAN Port	● (1)
IR Blaster	●
Gallery Stand Compatible	-
DIMENSIONS AND REGULATORY	
TV with Stand (WxHxD)	86": 1917mm x 1175mm x 452mm 75": 1665mm x 1032mm x 405mm 65": 1444mm x 902mm x 336mm
TV without Stand (WxHxD)	86": 1917mm x 1098mm x 30mm 75": 1665mm x 958mm x 30mm 65": 1444mm x 834mm x 30mm
Net Weight with Stand (kg)	86": 55.8kg 75": 39.6kg, 65": 28.6kg
Net Weight without Stand (kg)	86": 52kg 75": 36.2kg, 65": 26.9kg
Carton (WxHxD)	86": 2090mm x 1215mm x 285mm 75": 1820mm x 1115mm x 253mm 65": 1600mm x 970mm x 253mm
Gross Weight of Carton (kg)	86": 70.1kg, 75": 50.5kg, 65": 37.1kg
VESA size	86": 600 x 400, 75" : 400 x 400, 65": 400 x 400
Energy Star Rating	86": 5 ½ Stars, 75": 5 Stars, 65" : 5 Stars
EAN	86": 8806091594310, 75": 8806091594327 65" : 8806091594334
WARRANTY PERIOD	
Warranty Period	1 Year - Parts and Labour

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.

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.

15 Freeview uses HbbTV technology which combines broadcast & internet streaming. Data usage charges & conditions apply.

16 Miracast compatible Android device required for this feature.

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.

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.

19 Dolby Atmos source content required for full audio effect.

20 WiSA compatible speakers required. (Sold Separately)

21 Check TV User Guide for compatible game controllers, headphones and speakers. Bluetooth Surround feature requires two matching compatible LG Bluetooth speakers.

22 Designed to work with compatible LG audio devices only.

23 B2, QNED91, QNED85, QNED80, 86NANO75, 86UQ80: HDMI ports 3 & 4 support HDCP 2.3, 120fps @ 2160p.

All product specifications correct at time of printing. Specifications may change without prior notice. Customers are advised to check with your retailer before purchase.

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.