

QNED86



4K QNED Mini LED-LCD TV with AI ThinQ

86", 75", 65"



QNED86	
DISPLAY & PICTURE QUALITY	
Screen Type	Mini LED
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
Perfect Black	-
Local Dimming	Presision Dimming
Brightness Booster	-
Colour Bit Depth	10-bit Processing
HDR Format ¹	HDR10, HLG
Dolby Vision IQ™ ¹	●
HDR10 Pro ¹	●
Dynamic Tone Mapping	●
Picture Modes	10 (Vivid, Standard, FILMMAKER MODE™, APS, Cinema, Cricket, Game Optimiser, ISF Bright Room, ISF Dark Room, Personalised Picture Wizard)
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 AI Processor 4K Gen 6
Resolution Upscaling ²	4K Upscaling
AI Picture	● (PRO)
AI Brightness	● (SDR/HDR10)
Auto Genre Selection	●
FILMMAKER MODE™	●
Motion Pro (Black Frame Insertion)	●
Noise Reduction	●
Tuner	MPEG-2/4 DVB-T2 (Single)
CONVENIENCE FEATURES	
Magic Remote	●
Intelligent Voice Control ³	●
Hands-Free Voice Control ³	-
Always Ready	-
USB DVR HDD Recording (Time Machine) ⁴	● (with Time Shift)
Multi View	● (Input, Tuner, AirPlay, Miracast)
Universal Remote Feature ⁵	●
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	●
SIMPLINK (HDMI-CEC)	●
Electronic Programme Guide	●
User Guide (Built-in)	●
GAMING FEATURES	
Variable Refresh Rate (VRR) ⁶	●
AMD FreeSync® Premium ⁶	●
NVIDIA G-SYNC® Compatible ⁷	-
High Frame Rate (HFR) ⁸	● (HDMI: 4K@120fps)
Quick Media Switching (QMS) ⁹	●
NVIDIA GeForce Now ¹⁰	●
HGiG Mode	●
Auto Low Latency Mode (ALLM)	●
Game Optimiser/Dashboard	●
SMART TV FEATURES	
AI ThinQ ¹¹	●
Smart TV Operating System	webOS 23 Smart TV
LG Apps	●
LG Channels	●
Wi-Fi	● Wi-Fi-5 (802.11ac)
Web Browser ¹²	●
Home Hub	●
Video Calls	Compatible (LG CAM VC23GA)
Works with Hey Google ¹³	●
Works with Apple HomeKit ¹³	●
Matter ¹³	● (software update required)
Amazon Alexa Built In ¹³	●
Virtual Office ¹³	Compatible (Microsoft 365, Google Office)
Sports Alert ¹³	●
FreeviewPlus (HbbTV) ¹⁴	●
8K Streaming	-
SMART SHARE FEATURES	
Smartphone Remote App ¹⁵	LG ThinQ
Works with Apple AirPlay 2 ¹⁶	●
Smart Share (Miracast) ¹⁷	● (PIP /Full Screen)
Network File Browser	●

AUDIO FEATURES	
AI Sound	● (PRO)
Virtual Surround ¹⁸	●
Audio Output	40W
Sound Modes	7 (AI Sound, Standard, Cinema, Clear Voice Pro, Cricket (Sports), Music, Game Optimiser)
Audio Decoder	HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X, LPCM, MPEG-1, AC3 (Dolby Digital), EAC3 (Dolby Digital+)
WiSA 2.1ch Compatible ¹⁹	●
Bluetooth	● (Version 5.0)
LG TV Sound Mode Share ²⁰	●
WOW Orchestra ²⁰	● (software update required, July 2023)
Audio Return Channel (eARC) ²⁰	● (Dolby Atmos & DTS pass-through)
CONNECTIONS	
HDMI ²¹	● (4)
USB	● (2)
RF Antenna Input	● (1)
Headphone (3.5mm) Output	-
Digital (Optical) Audio Output	● (1)
LAN Port	● (1)
IR Blaster	-
Gallery Stand Compatible	● (FS21GB suits 55", 65", sold separately)
DIMENSIONS AND REGULATORY	
TV with Stand (WxHxD)	86": 1925mm x 1174mm x 370mm
	75": 1673mm x 1040mm x 370mm
TV without Stand (WxHxD)	65": 1452mm x 907mm x 285mm
	86": 1925mm x 1108mm x 46mm
Net Weight with Stand (kg)	75": 1673mm x 963mm x 45mm
	65": 1452mm x 839mm x 45mm
Net Weight without Stand (kg)	86": 67.9kg
	75": 50.1kg
Carton (WxHxD)	65": 35.0kg
	86": 59.7kg
Gross Weight of Carton (kg)	75": 41.9kg
	65": 31.1kg
VESA size	86": 2116mm x 1215mm x 285mm
	75": 1820mm x 105mm x 285mm
Energy Star Rating	65": 1600mm x 1070mm x 200mm
	86": 81.0kg, 75": 61.5kg
EAN	65": 43.2kg
	86": 600 x 400, 75": 400 x 400
WARRANTY PERIOD	65": 400 x 400
	86": 5 Stars, 75": 5 Stars
Warranty Period	65": 5 Stars
	86": 8806091769770,
Warranty Period	75": 8806091769794,
	65": 8806091769817

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

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

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 and compatible content.

7 Only RTX 20-series, 30-series, 40-series and GTX 16-series GPUs will support G-SYNC Compatible with LG OLED TVs.

8 Feature activated when showing HFR content and connected to a compatible gaming device with an Ultra High Speed HDMI certified cable.

9 Feature available with compatible QMS devices, and may require software updates on both devices.

10 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.

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. Home Wi-Fi and LG ThinQ app required. Separate terms, conditions and privacy policies apply to Smart TV apps/features including Voice Commands. Using Voice Commands requires agreeing to the Voice Information Privacy Policy.

12 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.

13 Separate terms, conditions and privacy policies apply to Smart TV apps. Failure to accept the terms applying to an app may result in an inability to use the app. 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 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 Freeview uses HbbTV technology which combines broadcast & internet streaming. Data usage charges & conditions apply.

15 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.

16 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.

17 Miracast compatible Android device required for this feature.

18 Dolby Atmos source content required for full audio effect.

19 WiSA compatible speakers required. (Sold Separately)

20 Designed to work with WOW Orchestra compatible LG audio devices, and using a High Speed HDMI cable.

21 B3, QNED86, QNED86, QNED81, 86UR8050: HDMI ports 3 and 4 support HDCP 2.3, 120Hz @ 2160p. Details of supported 4K codecs, bit-rate and frame rates, see product User Guide: http://kr.eguide.lgappstv.com/manual/w23/global/Apps/w23_asia02/a_eng/etc.html

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