

NANO75



4K NanoCell LED-LCD TV with LG AI ThinQ

86"



LG NanoCell TV. Real 4K*

LG NanoCell TV uses nanoparticles to filter and refine colour, removing impurities from the wavelengths of light that create TV images to display bright, lifelike pictures.

**Native 4K content is required for full 4K resolution effect.*



We're fine-tuning your viewing & sound experience

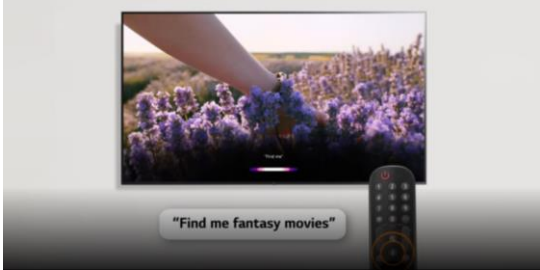
The a7 Gen5 AI Processor uses deep-learning algorithms to help provide an enhanced viewing experience.



ThinQ AI and webOS 22

Need inspiration for movie night? LG ThinQ AI gives recommendations* based on your taste. Set up profiles for everyone at home so they can quickly dive back into their favourite TV series, and receive tailored news and sports updates.

**LG ThinQ account required. Internet connection and subscriptions required*



A new league of gaming

LG TV brings access to hundreds of new games to you, with NVIDIA GeForce Now built-in.*

**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.*



Game Optimiser and Game Dashboard

Game Optimiser keeps your gaming settings in one easy-to-use menu, while the upgraded Gaming Dashboard provides quick access to your current settings.



| 86NANO75 | |
|--|---|
| DISPLAY & PICTURE QUALITY | |
| Screen Type | LED/LCD |
| Screen size | 86" (217cm) |
| Resolution | 3840 x 2160 |
| Motion Rate | Tru Motion 200 with backlight scanning |
| Wide Colour Gamut | ● (NanoColour) |
| Backlight Type | Direct LED |
| Local Dimming | - |
| Colour Bit Depth | 10-bit Processing |
| HDR Format ¹ | 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 | - |
| Image Processor | α7 Gen 5 AI Processor 4K |
| Resolution Upscaling ² | 4K Upscaler |
| AI Picture | ● (PRO) |
| AI Brightness | ● (HDR) |
| Auto Genre Selection | ● (SDR/HDR10) |
| FILMMAKER MODE™ | ● |
| Motion Pro (Black Frame Insertion) | - |
| Noise Reduction | - |
| High Frame Rate (HFR) ³ | ● (HDMI: 4K@120fps) |
| Tuner | MPEG-2/4 DVB-T2 (Single) |
| 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 |
| 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, HEVC, AV1) TS/TRP/TP/MTS/MPG/3GP/3G2/ MPEG/DAT/VOB/HEVC (Up to 3840x2160 @ 120p) / AV1 (Up to 3840x2160 @ 60p) |
| 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 | ● |

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.

| 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 | 20W |
| Audio Decoder | HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X, LPCM, MPEG-1, AC3 (Dolby Digital), EAC3 (Dolby Digital+) |
| Virtual Surround | - |
| 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) | 1927mm x 1167mm x 361mm |
| TV without Stand (WxHxD) | 1927mm x 1104mm x 60mm |
| Net Weight with Stand (kg) | 45.6kg |
| Net Weight without Stand (kg) | 45.2kg |
| Carton (WxHxD) | 2115mm x 1215mm x 228mm |
| Gross Weight of Carton (kg) | 58.1kg |
| VESA size | 600 x 400 |
| Energy Star Rating | 4 Stars |
| EAN | 8806091635754 |
| 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.