

LG QNED MiniLED

65QNED90UPA

LG QNED90 65" 4K Smart QNED MiniLED TV

- **QNED MiniLED Display**
- **Quantum Dot NanoCell Colour** Technology
- MiniLED
- 120Hz Native Refresh Rate
- **Full Array Dimming Pro**



DESCRIPTION

Our Ultimate LCD TV

Synergy in light and colour and smooth action of 120Hz refresh rate. QNED MiniLED ushers in revolutionary brightness and contrast with MiniLED in tandem with the maximum colour of Quantum NanoCell Colour Technology. MiniLED technology uses smaller LEDs to maximize precise luminance, a higher level of contrast for more brilliant colours and deeper blacks* due to increased dimming zones. Coupled with slim design, and our α7 Gen4 AI Processor 4K to optimize every scene.

*Compared to previous LG model

KEY FEATURES

QNED MiniLED Display

The LG Quantum Dot NanoCell display combines NanoCell and MiniLED technology for brilliantly bright colours and a higher contrast ratio for deeper blacks*.

Quantum Dot NanoCell Colour Technology

A colour innovation that needs to be seen. Two colour technologies - Quantum Dot and NanoCell Plus combine to deliver a more stunning picture with richer, more accurate colours*.

MiniLED

New MiniLED technology is a giant leap forward in LCD TV. MiniLED technology uses smaller LEDs to maximize precise luminance, a higher level of contrast and deeper blacks due to increased dimming zones.

*Compared to previous LG model

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120Hz Native Refresh Rate

LG TVs are great for watching your favourite sports or playing your favourite games, thanks to a 120Hz native refresh rate.

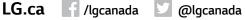
Full Array Dimming Pro

Catch every detail. Full Array Dimming Pro's unique dimming zones deliver precise backlight control and an ultra-high contrast ratio for deeper blacks and more vivid colours* for an impeccable picture.

*Compared to previous LG model











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SPECIFICATIONS

PICTURE (PANEL)			
Display Type	Real 4K QNED Display		
Display Resolution	3840 x 2160		
. ,	Full Array Dimming Pro		
Dimming Technology	Full Array Dimining Pro		
PICTURE (PROCESSING)			
Picture Processor	α7 Gen4 Al Processor 4K		
HDR (High Dynamic Range)	Cinema HDR (Dolby Vision™, HDR10, HLG) HDR Dynamic Tone Mapping Dolby Vision™ IQ		
Contrast	Advanced Contrast Enhancer Face Enhancing Ultra Luminance Pro		
Clarity	Double Step Noise Reduction Sharpness Enhancer		
Colour	Billion Rich Colours Advanced Colour Enhancer True Colour Accuracy		
Resolution Upscaler	Al Upscaler		
Motion	Motion Pro		
Filmmaker Mode™	Yes		
GAMING			
Game Optimizer	Yes		
G-Sync Compatible	No		
FreeSync™	Yes		
VRR (Variable Refresh Rate)	Yes		
ALLM (Auto Low Latency Mode)	Yes		
HGiG	Yes		
AI TV (ARTIFICIAL INTELLIGENCE)			
LG ThinQ® AI	Yes		
Google Home Compatibility	Yes (Google Home device sold separately)		
Amazon Alexa Compatibility	Yes (Amazon Alexa device sold separately)		
Google Assistant Built-in	Yes		
Amazon Alexa Built-in	Yes		
Apple AirPlay 2 / HomeKit Compatibility	Yes		
Intelligent Voice Recognition	Yes		
Home Dashboard	Yes		
Al Picture Pro / Al Picture	Al Picture Pro		
Auto Genre Selection	Yes (Dolby HDR)		
SMART TV			
Operating System	webOS® 6.0		
LG Channels	Yes		
LG Content Store (App Store)	Yes		
Full Web Browser	Yes		
Gallery Mode	Yes		
Sports Alert	Yes		

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AUDIO	
Speaker System	2.2 ch
Output Power	40W (WF:20W, 10W per Channel)
Speaker Direction	Down Firing
Al Sound Pro / Al Sound	Al Sound Pro
Dolby Atmos®	Yes
WiSA Ready	Yes (Separate dongle purchase required)
	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2,
Audio Codec	MP3, PCM, WMA, apt-X
Bluetooth Surround Ready	
LG Sound Sync	Yes
CONNECTIVITY	
Wi-Fi® Standard	Wi-Fi Certified 802.11ac
Bluetooth® Support	Version 5.0
HDMI-CEC (Simplink)	Yes
TV Tuner	ATSC, Clear QAM
Mobile Connectivity	Yes
INPUTS & OUTPUTS	
HDMI Input	4 (Side)
HDMI Audio Return Channel (ARC)	eARC (HDMI 3)
USB Ports (v 2.0)	2 (Rear) / 1 (Side)
Composite Input (AV)	No
Ethernet Input	Yes
RS-232C Input (Mini Jack)	Yes (Rear)
Digital Audio Output (Optical)	Yes
POWER	
Power Supply (Voltage, Hz)	AC 120 V~ 50/60 Hz
Standby Power Consumption	Under 0.5W
DIMENSIONS/WEIGHTS/UPC	
TV Dimenions with Stand (WxHxD)	1444 x 900 x 292 mm / 56.85" x 35.43" x 11.5"
TV Dimenions without Stand (WxHxD)	1444 x 827 x 28.9 mm / 56.85" x 32.56" x 1.14"
Packaging Dimensions (WxHxD)	1670 x 1070 x 203 mm / 50" x 42.12" x 7.99"
Stand Dimension (WxD)	1215 x 292 mm / 47.83" x 11.4"
TV Weight with Stand	TBD
TV Weight without Stand	TBD
Packaging Weight	TBD
VESA Mounting (W x H)	400 x 400
UPC	195174012260
ACCESSORIES INCLUDED	
Magic Remote Control	Included in box
Remote Control Battery	Yes
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes
WARRANTY	
Limited Warranty	1 Year Parts & Labour
Model Year	2021



