

NANO80AQA Series

LG NanoCell TV NANO80

75" | 65" | 55" | 50"

* Class size: See below for details.

- **Billion Rich Colors**
- **Local Dimming**
- **α5 Gen 5 AI Processor 4K**
- **Game Optimizer**
- **Ultimate Streaming**



DESCRIPTION

LIVE IN COLOR

It's more than fabulous color, it's bringing your passions to life the way they were meant to be seen—vibrant, bold, and full of life.

KEY FEATURES

Billion Rich Colors

A BILLION REASONS TO WATCH

Color your world with over a billion colors* for a lifelike picture that makes it look like you're there

*Achieved through 10 bit dithering

Local Dimming

THE ANSWER IS CLEAR

Improves contrast and reduces the halo effect for a clear picture

α5 Gen 5 AI Processor 4K

ENGINEERED TO AMAZE

Enhance your picture and sound with AI from the α5 Gen5 AI Processor 4K

Game Optimizer

UP YOUR GAME

Make it the best gaming experience by quickly adjusting all your game settings in one location

Ultimate Streaming

BINGE-WORTHY STREAMING STARTS HERE

Find your faves fast with built-in access to Netflix, Prime Video, Apple TV app, Disney+, HBO Max* and instant access to over 300+ free LG Channels** with everything from comedy to movies to sports

*Internet connection and subscription to streaming services are required. Amazon, Prime Video and all related logos are trademarks of Amazon.com, Inc. or its affiliates. Amazon Prime membership and/or Prime Video fees apply. See primevideo.com/terms for details. HBO Max™ ©2022 Warner Media, LLC. All Rights Reserved. HBO Max is used under license.

**Number of LG Channels subject to change.

SPECIFICATIONS

PICTURE (PANEL)	
Display Type	NanoCell Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Backlight Type	Edge
Backlight Dimming Technology	Local Dimming
Nano Color	Yes
Billion Rich Colors	Yes*
PICTURE (PROCESSING)	
Picture Processor	α5 Gen 5 AI Processor 4K
AI Picture	-
Upscaling	4K Upscaling
Refresh Rate	60Hz Native
SOUND (PROCESSING)	
AI Sound	AI Sound Pro
TV Sound Mode Share	Yes
Bluetooth Surround Ready	Yes
HOME CINEMA	
HDR	Active HDR (HDR10, HLG) Dynamic Tone Mapping
Dolby Vision IQ	-
Filmmaker Mode	Yes
Magic Explorer	Yes
Next Picks	Yes
GAMING	
Game Optimizer	Yes
G-SYNC Compatible	-
FreeSync Premium™	-
VRR (Variable Refresh Rate)	-
ALLM (Auto Low Latency Mode)	Yes
HGiG	Yes
Cloud Gaming	Google STADIA / NVIDIA GEFORCE NOW
SMART TV	
Operating System	webOS 22
Content Partners	Netflix, HBO Max, Prime Video, Disney+, Apple TV, Hulu, Paramount+, Peacock, Youtube TV, Spotify, iHeartRadio and more
LG Content Store (App Store)	Yes
Full Web Browser	Yes
LG Channels	Yes
Sports Alert	Yes
Art Gallery	-
Who.Where.What?	Yes
Home Dashboard	Yes
Room to Room Share	Yes (Receiver Only)
Always Ready	-
Ambient Mode	-
"Works With"	Google Assistant, Alexa, Apple Airplay2 and Homekit (Separate device purchase necessary)
AI TV (ARTIFICIAL INTELLIGENCE)	
LG ThinQ® AI	Yes
Hands-free Voice Control	-
Magic Remote Control	Yes (Point, Click, Scroll, Voice)
Universal Remote Control	Yes (Auto Device Detection)
Voice Assistants	Google and Alexa Built-in (No separate device purchase necessary)
Intelligent Voice Recognition	Yes
AUDIO	
Speaker System	2.2 Channel: 75", 2.0 Channel: 65", 55", 50"
Output Power	40W: 75" 20W: 65", 55", 50"
Speaker Direction	Down Firing
Dolby Atmos	-
WiSA Ready	-
Audio Codec	AC4, AC3 (Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)
LG Sound Sync	Yes
CONNECTIVITY	
NEXTGEN TV (ATSC 3.0)	-
Wi-Fi® Standard	Wi-Fi Certified 802.11ac
Bluetooth® Support	Version 5.0
IP Control	Yes
HDMI-CEC (Simplink)	Yes
TV Tuner	ATSC, Clear QAM
Smart Phone Connectivity	Yes

INPUTS & OUTPUTS	
HDMI Input (HDCP 2.2)	4 (Side)
HDMI 2.1 (4K @ 120Hz)	-
HDMI Audio Return Channel (ARC)	eARC (HDMI 2)
USB Ports (v 2.0)	1 (Rear) / 1 (Side)
RF Connection Input (Antenna/Cable)	1 (Side)
AV Input	-
Ethernet Input	1 (Rear)
RS-232C Input (Mini Jack)	-
Digital Audio Output (Optical)	1 (Rear)
Headphone Out	-

POWER	
Power Supply (Voltage, Hz)	AC 120V, 50/60Hz
Standby Power Consumption	Under 0.5 W
Typical Power Consumption	75": 115 W 65": 94 W 55": 74.5 W 50": 55 W
Annual Power Consumption	75": 213 kWh/y 65": 174 kWh/y 55": 139 kWh/y 50": 103 kWh/y

75NANO80AQA (74.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	65.9" x 40.5" x 14.1"
TV Dimensions without Stand (WxHxD)	65.9" x 38" x 1.8"
Packaging Dimensions (WxHxD)	71.7" x 43.9" x 7.9"
Stand Width	53.1"
TV Weight with Stand	81.4 lbs
TV Weight without Stand	79.1 lbs
Packaging Weight	100.8 lbs
VESA Mounting (W x H)	400 x 400
UPC	195174028872

65NANO80AQA (64.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	57.2" x 35.7" x 11.6"
TV Dimensions without Stand (WxHxD)	57.2" x 33" x 1.7"
Packaging Dimensions (WxHxD)	65.7" x 42.1" x 8"
Stand Width	45.9"
TV Weight with Stand	54.9 lbs
TV Weight without Stand	54 lbs
Packaging Weight	74.7 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174028889

55NANO80AQA (54.6" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	48.5" x 30.7" x 10.1"
TV Dimensions without Stand (WxHxD)	48.5" x 28.2" x 1.7"
Packaging Dimensions (WxHxD)	55.9" x 32.9" x 7.4"
Stand Width	41.7"
TV Weight with Stand	36.8 lbs
TV Weight without Stand	35.9 lbs
Packaging Weight	50.7 lbs
VESA Mounting (W x H)	300 x 300
UPC	195174028896

50NANO80AQA (49.5" DIAGONAL) DIMENSIONS/WEIGHTS/UPC	
TV Dimensions with Stand (WxHxD)	44.1" x 28.3" x 10.1"
TV Dimensions without Stand (WxHxD)	44.1" x 25.7" x 1.9"
Packaging Dimensions (WxHxD)	47.8" x 30.5" x 6.8"
Stand Width	37.2"
TV Weight with Stand	31.7 lbs
TV Weight without Stand	30.9 lbs
Packaging Weight	39.2 lbs
VESA Mounting (W x H)	200 x 200
UPC	195174028735

ACCESSORIES INCLUDED	
Remote	Magic Remote
Remote Control Battery	Yes (AA)
Power Cable	Yes
Quick Start Guide	Yes
E-Manual	Yes

DESIGN	
TV Color	Black
Stand Color	Black

WARRANTY	
Limited Warranty	1 Year Parts & Labor

*Billion Rich Colors achieved via Dithering