

^ PICTURE (PANEL)

100% Color Volume

Yes

Backlight Type

Mini LED

Display Resolution

4K Ultra HD (3,840 x 2,160)

Display Type

4K QNED MiniLED

Wide Color Gamut

Yes

Refresh Rate

120Hz Native

^ PICTURE (PROCESSING)

Dynamic Tone Mapping

Yes (Dynamic Tone Mapping Pro)

Dolby Vision

Yes

Filmmaker Mode

Yes

Dimming Technology

Precision Dimming

AI Picture

Yes

HDR (High Dynamic Range)

Dolby Vision / HDR10 / HLG

Motion

Motion Pro

Picture Processor

α8 AI Processor 4K

AI Upscaling

α8 AI Super Upscaling 4K

^ GAMING

ALLM (Auto Low Latency Mode)

Yes

FreeSync™

Yes

Game Optimizer

Yes

HGIG Mode

Yes

VRR (Variable Refresh Rate)

Yes

^ SMART TV

Multi View

Yes

Amazon Alexa (Built-in)

Yes (Built-in)

Room to Room Share

Yes (Receiver)

Always Ready

Yes

Matter

Yes

AI Concierge

Yes

USB Camera Compatible

Yes

Game Service

Yes

Family Settings

Music Service

Home Office

Chromecast built-in

Content Partners	Full Web Browser	Home Hub	Intelligent Voice Recognition
Max, ESPN, YouTube, Apple TV, Disney+, Sling TV and more, Netflix, Prime Video	Yes	Yes	Yes
LG Channels	App Store	ThinQ® Smart Technology	Magic Remote Control
Yes	Yes	Yes	Built-In
Operating System (OS)	Sports Alert	Who.Where.What?	"Works With"
webOS 24	Yes	Yes	Amazon Alexa, Apple Airplay2, Apple Home, Hey Google
<p>^ AUDIO</p>			
Clear Voice Pro	AI Sound	Audio Codec	Bluetooth Surround Ready
Yes (Auto Volume Leveling)	α8 AI Sound Pro (Virtual 9.1.2 Up-mix)	AC4, AC3(Dolby Digital), EAC3, HE-AAC, AAC, MP2, MP3, PCM, WMA, apt-X (Refer to manual)	Yes
Dolby Atmos	DTS:X (by-pass only)	LG Sound Sync	Speaker Direction
Yes	Yes	Yes	Down Firing
Audio Output	Speaker System	Sound Mode Share	WiSA Ready
40W	2.2 Channel	Yes	Yes
<p>^ CONNECTIVITY</p>			
Bluetooth® Support	Ethernet Input	HDMI Audio Return Channel	HDMI Input
Yes (v 5.1)	1 ea	eARC (HDMI 3)	4ea (supports 4K 120Hz, eARC, VRR, ALLM, QMS (4 port))
Simplink (HDMI CEC)	IP Control	RF Input (Antenna/Cable)	RS-232C Input (Min Jack)
Yes	Yes	1 ea	Yes
Smartphone Remote App	TV Tuner	USB Input	Wi-Fi® Standard
Yes		2ea (v 2.0)	Yes (Wi-Fi 5)

ATSC1.0 (Terrestrial),

^ POWER

Annual Power Consumption	Power Consumption	Power Supply (Voltage, Hz)	Standby Power Consumption
253	137 W	AC 120V, 50/60Hz	Under 0.5W

^ DIMENSIONS/WEIGHTS

Stand Width (Adjustable)	TV Weight without Stand	Shipping (WxHxD)	Shipping Weight
Position 1 = 45.8, Position 2 = 16.7	68.3 lbs	65.7" x 8.0" x 42.1"	88.2 lbs
TV Dimensions with Stand (WxHxD)	TV Dimensions without Stand (WxHxD)	TV Weight with Stand	VESA Mounting (WxH)
57.2" x 35.6" x 11.6"	57.2" x 33.0" x 1.8"	69.2 lbs	400 x 400

^ ACCESSORIES INCLUDED

E-Manual	Power Cable	Quick Start Guide	Remote
Yes	Yes	Yes	Yes
Remote Control Battery			
Yes			

^ GENERAL

Country of origin	Diagonal	Series
Mexico	64.5"	QNED90T

^ WARRANTY

Limited Warranty
1 Year Parts & Labor

^ CONNECTIVITY

SPDIF (Optical Digital Audio Output)
1 ea