

^ 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
Apple TV, Max, ESPN, YouTube, 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

^ AUDIO

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

^ CONNECTIVITY

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
379	206 W	AC 120V, 50/60Hz	Under 0.5W

^ DIMENSIONS/WEIGHTS

TV Weight without Stand	Shipping (WxHxD)	Shipping Weight	Stand Width
TV Dimensions with Stand (WxHxD)	TV Dimensions without Stand (WxHxD)	TV Weight with Stand	VESA Mounting (WxH)
128.1 lbs	83.3" x 47.8" x 9.0"	158.3 lbs	60.3"
75.8" x 45.9" x 14.1"	75.8" x 43.5" x 1.8"	130.3 lbs	600 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	85.6"	QNED90T

^ WARRANTY

Limited Warranty
1 Year Parts & Labor

^ CONNECTIVITY

SPDIF (Optical Digital Audio Output)
Yes