

Product Type

Neo QLED

Display

Screen Size	Resolution	Refresh Rate	DLG
100"	3840 x 2160	144 Hz (VRR Support)	240 Hz

Video

Picture Engine	HDR (High Dynamic Range)	HDR 10+	Contrast
NQ4 AI Gen2 Processor	NQ HDR+	Yes (Adaptive / Gaming / Advanced)	Quantum Mini LED
Viewing Angle	Micro Dimming	Contrast Enhancer	Motion Technology
Wide Viewing Angle	Supreme Mini LED Dimming	Real Depth Enhancer	Motion Xcelerator 144 Hz
Smart Calibration	AI Picture	AI Upscale	Supersize Picture Enhancer
Basic	AI Optimized / AI Customization	4K AI Upscaling	Yes
HDR Brightness Optimizer	Filmmaker Mode (FMM)	Colour Booster	AI HDR Remastering
Yes	Yes	Colour Booster Pro	Auto HDR Remastering
EyeComfort Mode			
Yes			

Audio

Dolby Atmos	Object Tracking Sound	Q-Symphony	Sound Output (RMS)
Yes	OTS Lite	Yes	30W
Speaker Type	Active Voice Amplifier	Adaptive Sound	360 Audio

4ch	Active Voice Amplifier Pro	Adaptive Sound Pro	Yes
AI Sound Controller			
AI Sound Controller			
Smart Service			
Operating System	Bixby	Far-Field Voice Interaction	Built-in Voice Assistant
Tizen™ Smart TV	Yes	Yes	Alexa
Samsung TV Plus	Works with AI Speaker	Web Browser	SmartThings Hub / Matter Hub / IoT-Sensor Functionality / Quick Remote
Yes	Alexa, Google Assistant	Yes	Yes
Samsung Health	Universal Guide		
Yes	Yes		
Smart Feature			
Multi Device Experience	Multi-View	Apple AirPlay	Daily+
Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On	up to 2 Videos	Yes	Yes
Now brief	Storage Share	Live Translate	Generative Wallpaper
Voice / User Detection	Yes	Yes	Yes
Karaoke Mic	Google Cast	Vision AI Companion	Soccer Mode
Yes	Yes	Yes	AI Soccer / Football Mode
Game Feature			
Auto Game Mode (ALLM)	Game Motion Plus	Dynamic Black EQ	VRR
Yes	Yes	Yes	Yes
Surround Sound	Super Ultra Wide Game View	Game Bar	Mini Map Zoom
Yes	Yes	Yes	Yes
FreeSync	HGiG	Gaming Hub	AI Auto Game Mode
FreeSync Premium Pro	Yes	Yes	Yes

Tuner/Broadcasting

Digital Broadcasting

ATSC / ClearQAM

Analog Tuner

Yes

Connectivity

HDMI

4

HDMI (High Frame Rate)

4K 144 Hz (for HDMI 1/2/3/4)

USB

2 x USB-A

Ethernet (LAN)

1

Digital Audio Out (Optical)

1

RF In (Terrestrial / Cable input / Satellite input)

1 / 1(Common Use for Terrestrial) / 0

Ex-Link (RS-232C)

1

HDMI Audio Return Channel

eARC

Wi-Fi

Yes (Wi-Fi 6E)

Bluetooth

Yes (5.3)

Anynet+ (HDMI-CEC)

Yes

Design

Design

Simple Chamfer

Bezel Type

3 Bezel-less

Front Colour

Titan Black

Stand

Metal Linear

Stand Colour

Titan Black

Additional Feature

Art Store

Yes

Embeded POP

Yes

EPG

Yes

IP Control

Yes

OSD Language

English, Spanish, French

V-Chip

Yes

Accessibility

Accessibility - Voice Guide

Czech (Czech Republic),Danish (Denmark),Dutch (Netherlands),English (US),Finnish (Finland),French (Canada),German (Germany),Greek (Greece),Hungarian (Hungary),Italian (Italy),Korean (Korea),Norwegian (Norway),Polish (Poland),Portuguese (Portugal),Romanian (Romania),Slovak (Slovakia),Spanish (Mexico),Swedish (Sweden)

Audio Description

Yes

High Contrast

Yes

Zoom Menu and Text

Yes

SeeColours

Yes

Colours Inversion

Yes

Grayscale

Yes

Auto Picture Off

Yes

Magnification

Yes

Relumino

Yes

Audio Subtitles

Yes

Audio Phone Number

Yes

Closed Caption (Subtitle)

Yes

Multi-output Audio

Yes

Sign Language Zoom

Yes

Caption Position

Yes

Separate Closed Caption

Yes

Slow Button Repeat

Yes

Accessibility Remote

Yes

Learn TV Remote

Yes

Learn Menu Screen

Yes

Accessibility Shortcuts Edit

Yes

Auto Menu Sort

Yes

Power & Eco Solution

Power Supply

AC110-120V~ 50/60 Hz

Power Consumption (Max)

430 W

Power Consumption (Stand-by)

0.5 W

Power Consumption (Typical)

354 W

Eco Sensor

Yes

Auto Power Saving

Yes

Auto Power Off

Yes

Dimension

Package Size (WxHxD)

Set Size with Stand (WxHxD)

Set Size without Stand (WxHxD)

Stand (Basic) (WxD)

2399 x 1444 x 230 mm
94.45 x 56.85 x 9.06 inch

2229.8 x 1332.4 x 415.4 mm
87.79 x 52.46 x 16.36 inch

2229.8 x 1273.4 x 57.4 mm
87.79 x 50.13 x 2.26 inch

1722.9 x 415.4 mm
67.83 x 16.36 inch

VESA Spec

600 x 400 mm
23.62 x 15.75 inch

Weight

Package Weight

81.7 kg

Set Weight with Stand

60.3 kg

Set Weight without Stand

58.9 kg

Accessory

Slim Wall Mount Compatible

Yes

SlimFit Cam Compatible

Yes

Zigbee / Thread Module

Dongle Support

User Manual

Yes

Power Cable

Yes