

Specifications

Product Type

Neo QLED

Display

Screen Size

65"

Refresh Rate

144 Hz (VRR Support)

Resolution

3840 x 2160

DLG

240 Hz

Anti Reflection

Glare Free

Video

Picture Engine

NQ4 AI Gen3 Processor

AI Picture

AI Optimized / AI Customization

HDR (High Dynamic Range)

Neo Quantum HDR

HDR 10+

Yes (Adaptive / Game Advanced)

AI Upscale

4K AI Upscaling Pro

Contrast

Quantum Matrix Technology Slim

Viewing Angle

Wide Viewing Angle

Micro Dimming

Supreme Mini LED D

Contrast Enhancer

Real Depth Enhancer

Motion Technology

Motion Xcelerator 144 Hz

Smart Calibration

Basic / Professional

AI Motion Enhancer

AI Motion Enhancer I

HDR Brightness Optimizer

Yes

Colour Booster

Color Booster Pro

Filmmaker Mode (FMM)

Yes

AI HDR Remastering

Auto HDR Remastering

EyeComfort Mode

Yes

Audio

Adaptive Sound

Adaptive Sound Pro

Object Tracking Sound

OTS

Q-Symphony

Yes

Sound Output (RMS)

40 W

Speaker Type

2.0.2ch

Active Voice Amplifier

Active Voice Amplifier Pro

Dolby Atmos

Yes

360 Audio

Yes

AI Sound Controller

AI Sound Controller Pro

Smart Service

Operating System

Tizen™ Smart TV

Bixby

Yes

Far-Field Voice Interaction

Yes

Built-in Voice Assistant

Alexa

Samsung TV Plus

Yes

Web Browser

Yes

Works with AI Speaker

Alexa, Google Assistant

SmartThings Hub / IoT-Sensor Function Remote

Yes

Samsung Health

Yes

Universal Guide

Yes

Smart Feature

Multi Device Experience Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On	Multi-View up to 2 Videos	Apple AirPlay Yes	Daily+ Yes
Storage Share Yes	Live Translate Yes	Generative Wallpaper Yes	Karaoke Mic Yes
Google Cast Yes	Vision AI Companion Yes (US, CA)	Soccer Mode AI Soccer / Football Mode Pro	

Game Feature

Auto Game Mode (ALLM) Yes	Game Motion Plus Yes	Dynamic Black EQ Yes	VRR Yes
Surround Sound Yes	Super Ultra Wide Game View Yes	Game Bar Yes	Mini Map Zoom Yes
FreeSync FreeSync Premium Pro	HGiG Yes	Hue Sync Yes	Gaming Hub Yes
AI Auto Game Mode Yes	AI Gaming Optimizer Yes		

Tuner/Broadcasting

Digital Broadcasting ATSC / ClearQAM	Analog Tuner Yes
--	----------------------------

Connectivity

HDMI 5	USB 2 x USB-A, 1 x USB-C	HDMI (High Frame Rate) 4K 144 Hz (for HDMI 1/2/3/4/5)	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	Wi-Fi Yes (Wi-Fi 6E)
Bluetooth Yes (LE 2.1)	Anynet+ (HDMI-CEC) Yes	HDMI Audio Return Channel -ARC	One Connect Box Wireless One Connect

Design

Design Frame Design	Bezel Type VNB	Front Colour Black	Stand Round Feet
Stand Colour Black			

Additional Feature

Art Mode (The Frame) Yes	Art Store Yes	Motion Detection (Frame) Yes	Embedded 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	Audio Description Yes	High Contrast Yes	Zoom Menu and Te Yes
--	---------------------------------	-----------------------------	--------------------------------

(Slovakia),Spanish
(Mexico),Swedish (Sweden)

SeeColours Yes	Colours Inversion Yes	Grayscale Yes	Auto Picture Off Yes
Magnification Yes	Relumino Yes	Audio Subtitles Yes	Audio Phone Numb 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

Eco Sensor Yes	Power Supply AC110-120V~ 50/60 Hz	Power Consumption (Max) 195 W	Power Consumption 0.5 W
Power Consumption (Typical) 168 W	Auto Power Off Yes	Auto Power Saving Yes	

Dimension

Package Size (WxHxD) 62.91 x 36.73 x 6.46 inch 1598 x 933 x 164 mm	Set Size with Stand (WxHxD) 57.35 x 34.11 x 10.11 inch 1456.8 x 866.5 x 256.8 mm	Set Size without Stand (WxHxD) 57.35 x 32.95 x 0.98 inch 1456.8 x 836.9 x 24.9 mm	Stand (Basic) (WxD) 41.01 x 10.11 inch 1041.6 x 256.8 mm
VESA Spec 15.75 x 11.81 inch 400 x 300 mm			

Weight

Package Weight	Set Weight with Stand	Set Weight without Stand	
32.3 kg	22.2 kg	21.8 kg	

Accessory

Slim Wall Mount Compatible	Optional Stand Compatible (Studio)	Customizable Bezel Compatible	User Manual
Included	Yes	Yes	Yes
Full Motion Slim Wall Mount Compatible (Y22)	Power Cable	SlimFit Cam Compatible	Zigbee / Thread Mo
Yes	Yes	Yes	Dongle Support