

Specifications

Overview

Product Type

NeoQLED

Resolution

8K (7,680 x 4,320)

Connectivity

4

FreeSync

FreeSync Premium Pro

Product Type

NeoQLED

Series

NeoQLED

Display

Screen Size

65"

Refresh Rate

120Hz(Up to 4K 165Hz)

Diagonal Screen Size

64.5"

Resolution

8K (7,680 x 4,320)

Anti Reflection

Glare Free

Video

Picture Engine

NQ8 AI Gen2 Processor

HDR (High Dynamic Range)

Neo Quantum HDR 8K Pro

HDR 10+

Yes (ADAPTIVE/ GAMING)

AI Upscale

8K AI Upscaling

Contrast

Quantum Matrix Technology Pro

Viewing Angle

Ultra Viewing Angle

Micro Dimming

Ultimate8K Dimming Pro

Contrast Enhancer

Real Depth Enhancer P

Motion Technology

Motion Xcelerator 165Hz

Smart Calibration

Basic/Professional

Filmmaker Mode (FMM)

Yes

AI Motion Enhancer

AI Motion Enhancer

HDR Brightness Optimizer

Yes

AI HDR Remastering

Auto HDR Remastering

Audio

Dolby Atmos

Yes

Object Tracking Sound

OTS+

Q-Symphony

Yes

Sound Output (RMS)

70W

Speaker Type

4.2.2CH

Adaptive Sound

Yes (Adaptive Sound Pro)

360 Audio

Yes

Smart Service

Operating System

Tizen™ Smart TV

Bixby

Yes

Far-Field Voice Interaction

Yes

Built-in Voice Assistar

Alexa

Samsung TV Plus

Yes

Web Browser

Yes

Works with AI Speaker

Alexa, Google Assistant

SmartThings Hub / Ma IoT-Sensor Functional Remote

Yes

Samsung Health

Yes

Universal Guide

Yes

Smart Feature

Multi Device Experience

TV to Mobile, Mobile to TV, TV initiate mirroring, Sound Mirroring, Wireless TV On, Tap View

Multi-View

upto 4 videos

Apple AirPlay

Yes

Daily+

Yes

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

Mini Map Zoom

Yes

FreeSync

FreeSync Premium Pro

Hue Sync

Yes

HGiG

Yes

Gaming Hub

Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)

Tuner/Broadcasting

Digital Broadcasting

(US) ATSC 3.0 (Canada)
ATSC/ClearQAM

Analog Tuner

Yes

Data Broadcasting

(US) ATSC 3.0 Interactive Content

Connectivity

HDMI

4

USB

2 x USB-A

HDMI (High Frame Rate)

8K 60Hz, 4K 165Hz (for HDMI 1/2/3/4)

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 (BT5.3)

Anynet+ (HDMI-CEC)

Yes

HDMI Audio Return Channel

eARC

Design

Design

Metal Chamfered Design

Bezel Type

Chamfered Bezel

Front Colour

TITAN BLACK

Stand

ROUND FEET

Stand Colour

BLACK

Additional Feature

Embedded POP

Yes

EPG

Yes

IP Control

Yes

OSD Language

English, Spanish, Frenc

V-Chip

Yes

Accessibility

Accessibillity - 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

Low Vision Support

Audio Subtitles, Relumino, Magnification, Audio Description, Zoom Menu and Text, High Contrast, SeeColours, Colour Inversion, Grayscale, Auto Picture Off

Hearing Impaired Support

Closed Caption (Subtitle), Multi-output Audio, Caption Position, Sign Language Zoom, Separate Closed Caption, Sign Language Guide, Auto Caption Position

Motor Impaired Suppo

Slow Button Repeat, Re Control App. for All

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

Power & Eco Solution

Eco Sensor Yes	Power Supply AC110-120V~ 50/60Hz	Power Consumption (Max) 430 W	Power Consumption (Typical) 0.5 W
Power Consumption (Typical) 316 W	Auto Power Off Yes	Auto Power Saving Yes	

Dimension

Package Size (WxHxD) 1600 x 933 x 164 mm	Set Size with Stand (WxHxD) 1455.3 x 867.4 x 256.8 mm	Set Size without Stand (WxHxD) 1455.3 x 830.3 x 37.8 mm	Stand (Basic) (WxD) 1182.7 x 256.8 mm
Stand (Minimum) (WxD) 340.7 x 256.8 mm	VESA Spec 400 x 300 mm		

Weight

Package Weight 33.0 kg	Set Weight with Stand 25.9 kg	Set Weight without Stand 25.5 kg
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Accessory

Remote Controller Model TM2360E	Slim Wall Mount Compatible Yes	Optional Stand Compatible (Studio) Yes	Mini Wall Mount Compatible Yes
User Manual Yes	Full Motion Slim Wall Mount Compatible (Y22) Yes	SlimFit Cam Compatible Yes	Zigbee / Thread Module Built-In

Yes

Power Cable

Yes