

Specifications

	Diagonal Screen Size	Video	Refresh Rate		
	54.6"	NQ4 AI Gen2 Processor	120 Hz		
	Display				
	55"				
Product Type	QLED				
Series	8				
Display	Screen Size	Refresh Rate			
	55"	120 Hz			
	Diagonal Screen Size	Resolution			
	54.6"	4 K (3,840 x 2,160)			

Video	Picture Engine NQ4 AI Gen2 Processor	HDR (High Dynamic Range) Quantum HDR +
	AI Upscale 4 K AI Upscaling	Compatible with HDR 10+ Yes (ADAPTIVE/ GAMING)
	Contrast Direct Full Array	Colour 100% Colour Volume
	Viewing Angle Wide Viewing Angle	Micro Dimming Supreme UHD Dimming
	Film Mode Yes	Motion Technology Motion Xcelerator 120 Hz
	Smart Calibration Basic	Filmmaker Mode (FMM) Yes

Audio	Dolby Atmos Yes	Active Voice Amplifier Yes
	Object Tracking Sound OTS Lite	Q-Symphony Yes
	Sound Output (RMS) 40 W	Speaker Type 2.2 CH
	Multiroom Link No	Bluetooth Audio Yes
	Buds Auto Switch Yes	

Smart Service

Operating System
Tizen™ Smart TV

Bixby
Yes

Far-Field Voice Interaction
Yes

Built-in Voice Assistant
Alexa

Samsung TV Plus
Yes

Works with AI Speaker
Alexa, Google Assistant

SmartThings Hub / Matter Hub / IoT-Sensor
Funtionality
Yes

Samsung Health
Yes

Universal Guide
Yes

Media Home
Yes

Smart Feature

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

Multi-View
up to 2 videos

Ambient Mode
Ambient Mode+

Game Feature

Auto Game Mode (ALLM)
Yes

Game Motion Plus
Yes

Dynamic Black EQ
Yes

Surround Sound
Yes

Super Ultra Wide Game View
Yes

Mini Map Zoom
Yes

FreeSync
FreeSync Premium Pro

HGiG
Yes

Gaming Hub
Yes

Tuner/Broadcasting

Digital Broadcasting
ATSC / ClearQAM

Analog Tuner
Yes

Connectivity

HDMI 4	USB 2 x USB-A
HDMI (High Frame Rate) 4 K 120 Hz (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 5)
Bluetooth Yes (BT5.2)	HDMI Audio Return Channel eARC

Design

Design Simple Chamfer	Bezel Type 3 Bezel-less
Front Colour Titan black	Stand New hexagon plate
Stand Colour Titan black	

Additional Feature

ConnectShare™ Yes

Accessibility

Accessibility - Voice Guide US English, Mexico Spanish, Canada French, Finnish, German, Greek, Hungarian, Italian, Norwegian, Polish, Portugal Portuguese, Romanian, Slovak, Swedish, Czech, Danish, Dutch, Korean	Low Vision Support Audio Subtitles (AU,KR,UK,US Only), Relumino, Magnification, Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Color Inversion, Grayscale, 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 Support Slow Button Repeat, Remote Control App. for All

Power & Eco Solution

Eco Sensor Yes	Power Supply AC110 - 120V~ 50 / 60 Hz
Power Consumption (Max) 230 W	Power Consumption (Stand-by) 0.5 W

Power Consumption (Typical)
86 W

Auto Power Off
Yes

Auto Power Saving
Yes

Dimension

Package Size (WxHxD)
1445 x 827 x 168 mm

Set Size with Stand (WxHxD)
1227.6 x 768.0 x 253.0 mm

Set Size without Stand (WxHxD)
1227.6 x 706.2 x 47.2 mm

Stand (Basic) (WxD)
368.0 x 253.0 mm

VESA Spec
200 x 200 mm

Weight

Package Weight
24.4 kg

Set Weight with Stand
19.8 kg

Set Weight without Stand
17.1 kg

Accessory

Remote Controller Model
TM2360E

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

Power Cable
Yes
