

Specifications

Diagonal Screen Size	Video	Refresh Rate
49.5"	NQ4 AI Gen2 Processor	60 Hz
Resolution		
4 K (3,840 x 2,160)		

Product Type	QLED
--------------	------

Series	8
--------	---

Display	Screen Size	Refresh Rate
	50"	60 Hz
Diagonal Screen Size		Resolution
49.5"		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)
	Contrast Direct Full Array	Colour 100% Colour Volume
	Micro Dimming Supreme UHD Dimming	Film Mode Yes
	Motion Technology Motion Xcelerator	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
	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 60 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) 205 W	Power Consumption (Stand-by) 0.5 W
Power Consumption (Typical) 81 W	Auto Power Off Yes
Auto Power Saving Yes	

Dimension

Package Size (WxHxD) 1296 x 761 x 164 mm	Set Size with Stand (WxHxD) 1114.2 x 705.9 x 237.0 mm
Set Size without Stand (WxHxD) 1114.2 x 643.6 x 47.8 mm	Stand (Basic) (WxD) 508.9 x 237.0 mm
VESA Spec 200 x 200 mm	

Weight

Package Weight 22.1 kg	Set Weight with Stand 18.2 kg
Set Weight without Stand 13.6 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