

Product Type		LED	
Display	Screen Size	50"	Refresh Rate
	Diagonal Screen Size	49.5"	Resolution
Video	Picture Engine	Crystal Processor 4K	HDR (High Dynamic Range)
	HDR 10+	Support	Contrast
	Micro Dimming	UHD Dimming	Contrast Enhancer
	Motion Technology	Motion Xcelerator	AI Upscale
	Filmmaker Mode (FMM)	Yes	
Audio	Adaptive Sound	Adaptive Sound	Object Tracking Sound
	Q-Symphony	Yes	Sound Output (RMS)
	Speaker Type	2CH	Multiroom Link
Smart Service	Operating System	Tizen™ Smart TV	Bixby
	Works with AI Speaker	Alexa, Google Assistant	Samsung TV Plus

Web Browser

Yes

SmartThings Hub / Matter Hub / IoT-Sensor**Funtionality**

Yes

Samsung Health

Yes

Universal Guide

Yes

Smart Feature**Multi Device Experience**

Mobile to TV, Sound Mirroring, Wireless TV On

NFT

Nifty Gateway

Apple AirPlay

Yes

Daily+

Yes

Game Feature**Auto Game Mode (ALLM)**

Yes

VRR

Yes

HGiG

Yes

Gaming Hub

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

Tuner/Broadcasting**Digital Broadcasting**

ATSC / Clear QAM

Analog Tuner

Yes

Connectivity**Wi-Fi**

Yes (Wi-Fi 5)

Bluetooth

Yes (BT5.2)

HDMI

3

HDMI (High Frame Rate)

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

HDMI Audio Return Channel

eARC / ARC

Anynet+ (HDMI-CEC)

Yes

USB

1 x USB-A

Ethernet (LAN)

1

RF In (Terrestrial / Cable input / Satellite input)

1 / 1 (Common Use for Terrestrial) / 0

Design	Design Slim Look	Bezel Type 3 Bezel-less
	Slim Type Slim look	Front Colour TITAN GRAY
	Stand FLAT FEET	Stand Colour TITAN GRAY

Additional Feature	Embedded POP Yes	EPG Yes
	IP Control Yes	OSD Language English, Spanish, French
	V-Chip Yes	

Accessibility	Accessibillity - 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 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	Motor Impaired Support Slow Button Repeat, Remote Control App. for All

Power & Eco Solution	Power Supply AC 110-120 V~ 50/60 Hz	Power Consumption (Max) 125 W
	Eco Sensor Yes	Auto Power Off Yes
	Auto Power Saving Yes	

Dimension	Package Size (WxHxD) 1248 x 760 x 154 mm	Set Size with Stand (WxHxD) 1120.3 x 694.0 x 237 mm
	Set Size without Stand (WxHxD) 1120.3 x 647.0 x 60.0 mm	Stand (Basic) (WxD) 750.6 x 237 mm
	VESA Spec 200 x 200 mm	

Weight	Package Weight 14.2 kg	Set Weight with Stand 9.9 kg
	Set Weight without Stand 9.5 kg	

Accessory	Remote Controller Model TM2240A	Optional Stand Compatible (Studio) Yes
	Mini Wall Mount Compatible Yes	Full Motion Slim Wall Mount Compatible (Y22) Yes
	SlimFit Cam Compatible Yes	Zigbee / Thread Module Dongle Support
	User Manual Yes	Power Cable Yes
	HDMI Cable Yes	